CONTINUED FROM PART- 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2017

(21) Application No.201742035874 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : IMPROVED METHOD FOR PROCESSING AND EXTRACTING OIL FROM MARINE ORGANISMS

(51) International classification	:A61K0035612000, C11B0001100000, A23D0009020000, A23D0009013000, C12N0009640000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
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(87) International Publication No	: NA
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(62) Divisional to Application Number Filed on	:201641028780 :24/08/2016

(71)**Name of Applicant :**
1)PHILIP SAMUEL
Address of Applicant :#15, SERVICE ROAD, HAL STAGE II, BANGALORE - 560008, INDIA Karnataka India
(72)**Name of Inventor :**
1)PHILIP SAMUEL
2)AJAY IYER

(57) Abstract :
An improved method for processing and extracting krill oil from krill meal/fresh krill. The proposed method for processing and extracting of krill oil from krill meal/fresh krill can be a very simple, cost effective and productive approach. The krill oil obtained herein can meet industrial standards and requirements of a wide range of applications including nutraceuticals and pharmaceutical applications. The method can be alternatively adapted to process and extract a wide range of marine oils including, but not limited to, Fish, Salmon, Shrimp, Cod and other marine product varieties.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2019

(21) Application No.201841032295 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A DENTAL IMPLANT ASSEMBLY FOR DENTAL PROSTHESIS

(51) International classification	:A61C 8/00	(71)**Name of Applicant :** **1)INDIAN INSTITUTE OF SCIENCE** Address of Applicant :CV Raman Avenue, Bangalore 560012, Karnataka, India. Karnataka India **2)DEPARTMENT OF BIOTECHNOLOGY** **3)M S RAMAIAH UNIVERSITY OF APPLIED SCIENCES**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :** **1)SRIMANTA BARUI** **2)VIBHA SHETTY** **3)BIKRAMJIT BASU**
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A dental implant assembly comprises, a base member which is rotatably insertable into a jaw-bone. The base member may be defined by a collar portion, a mid-portion and an apical region. The base member in entirety may be configured with a tapered configuration right from the mid-portion to the apical region. Further, the base member is defined with a plurality of threaded profiles on an outer surface. The plurality of threaded profiles comprises a first thread profile, defined on the collar portion. A second thread profile, defined on the mid-portion and a third thread profile, defined on the apical region. The third thread profile is configured to cut into the jaw-bone during insertion to anchor the base member. As the third thread profile cuts in to the jaw bone, the second thread profile forms a threaded hole within the drilled hole in order to securely anchor the base member within the jaw bone. Figures 12 and 13 are the representative figures.

No. of Pages : 40 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2019

(21) Application No.201841049149 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ELECTRONICALLY CONTROLLED CARBURETTOR SYSTEM

(51) International classification	:F02M 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UCAL FUEL SYSTEMS LIMITED
Address of Applicant :Raheja Towers, Delta Wing Unit 705 177, Anna Salai, Chennai 600 002, India Tamil Nadu India
(72)**Name of Inventor :**
1)Srinivasan, B.
2)Murugan, M.
3)Sridhar, R.

(57) Abstract :
AS ATTACHED

No. of Pages : 53 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2019

(21) Application No.201941003158 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR PRECISION POWER AMPLIFICATION

(51) International classification	:H03F1/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)INDIAN INSTITUTE OF SCIENCE**
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF SCIENCE,
(33) Name of priority country	:NA	SIR C V RAMAN AVENUE BANGALORE 560012, INDIA
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)GOPALARATNAM NARAYANAN**
(61) Patent of Addition to Application Number	:NA	**2)SYED SHAHJAHAN AHMAD**
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Enclosed separately

No. of Pages : 35 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2019
(21) Application No.201941004038 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROL OF SWITCHED RELUCTANCE MACHINE IN A SINGLE PULSE MODE

(51) International classification :H02P 25/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF SCIENCE
Address of Applicant :SIR C V RAMAN AVENUE, BANGALORE 560012 Karnataka India
(72)**Name of Inventor :**
1)GOPALARATNAM NARAYANAN
2)SYED SHAHJAHAN AHMAD

(57) Abstract :
Enclosed separately

No. of Pages : 61 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2019
(21) Application No.201941006037 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A NOVEL BIOSURFACTANT MOLECULE EXTRACTED FROM HALOMONAS PHOCEAE FOR USAGE IN BIOMEDICAL APPLICATION AND THERE OF

(51) International classification	:A61Q0019000000, C12P0001040000, C09D0005140000, A01N0043160000, A61K0009190000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Mary Swarnalatha S
Address of Applicant :PLOT NO. 13, SRI GANESH NAGAR, VISALATCHI AVENUE, KAMBARASAMPETTAI, TRICHY - 620 101. marys.dnatech@gmail.com Tamil Nadu India
2)Jaquline Chinna Rani I
(72)**Name of Inventor :**
1)Mary Swarnalatha S
2)Jaquline Chinna Rani I

(57) Abstract :
Biosurfactants are a group of surface active compounds which are secreted by microbes like bacteria, fungi and yeast. They are extensively used in environmental, biomedical and health, food, agricultural and also in cosmetic industries due to their high surface activity and environment-friendly nature. The present study aims to evaluate and validate a statistical model for maximizing biosurfactant productivity by Halomonas phoceae MSJCR18 using response surface methodology. In this respect, twenty bacterial isolates were screened for biosurfactant production using hemolytic activity, oil spreading technique, and emulsification index (E24). The most potent biosurfactant-producing bacterium {Halomonas phoceae MSJCR18) was used for construction of the statistical response surface model. The optimum conditions for biosurfactant production by Halomonas phoceae MSJCR18 were: 37°C incubation temperature at pH 7 for 27 hours incubation period and 2.5 g/L sucrose concentration as a sole carbon source. The produced biosurfactant (BS) exhibited foaming activity, emulsifying activity (88.3%), anticancer activity in MCF breast cancer cell lines and antimicrobial activity.against Gram positive, Gram negative bacterial and fungal pathogens, thereby making the metabolite a potent molecule for food industries and biomedical formulations. Keywords: Biosurfactant, Halomonas phoceae MSJCR18, emulsifying activity, antimicrobial activity

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2019

(21) Application No.201941006264 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : INTELLIGENT DUSTBIN

(51) International classification :G05D1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)M. S. Ramaiah University of Applied Sciences
Address of Applicant :University House, Gnanagangothri Campus, New BEL Road, M S R Nagar, Bangalore Karnataka India
(72)**Name of Inventor :**
1)Magesh. V
2)Sandhya Anilkumar

(57) Abstract :
Intelligent Dustbin ABSTRACT An intelligent dustbin system comprising: a line follower unit is used to follow a specific line either a black line or a white line and runs over it; a power unit is used to activate the entire system; a voice recognition unit is used to control the movements of the dustbin to move forward, backward left and right directions using the voice commands; a GSM unit is used to send message that the bin is filled or charge the battery to the registered mobile number; a zigbee unit is used to transmit data over long distances by passing the data to reach dustbin at the distant place, and a dustbin is attached with the wheels which are used to collect the waste, wherein the dustbin is portable and is required for the people with the mobility constraint so that they command with voice and control using switches.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2019

(21) Application No.201941006393 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF NILOTINIB

(51) International classification :A61K1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Slayback Pharma LLC
Address of Applicant :# 301 Carnegie Center, Suite 303, Princeton, NJ, USA. U.S.A.
(72)**Name of Inventor :**
1)Jain Paras P.
2)Girish Kumar Jain

(57) Abstract :
Amorphous solid dispersions of nilotinib fumarate or nilotinib tartrate are provided, as well as pharmaceutical compositions thereof, wherein the compositions exhibit enhanced bioavailability in the fasted state. Preferably, the compositions may be orally administered to a patient in either the fed or fasted state, with a decrease or elimination of the food effect. Preferably, following oral administration of the pharmaceutical compositions, there is no substantial difference in the pharmacokinetic parameters (e.g., Cmax, AUC0-t and/or AUC0-infinity) of nilotinib, regardless of whether the pharmaceutical compositions are administered to a subject in the fed or fasted state.

No. of Pages : 65 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2019

(21) Application No.201941006505 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : HIGH POWER PRINTED TRANSISTORS AND METHODS THEREOF

(51) International classification :H01L1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Indian Institute of Science
Address of Applicant :C V Raman Road, Bangalore-560012, Karnataka, India. Karnataka India
(72)**Name of Inventor :**
1)DASGUPTA, Subho
2)DEVABHARATHI, Nehru

(57) Abstract :
The present disclosure provides a field effect transistor (FET). The FET includes: two drives electrodes (source/ drain) a gate electrode made of conducting material and a channel layer made of semiconductor material; an additional conducting layer is coupled to the channel layer in a way that this conducting layer is wider than channel region and shorter than the channel layer to avoid contact with the drive electrodes and to enable a low resistance path for electronic transport; an insulator layer provided between the gate electrode and the channel/ conducting layer in a way that an exposed portion of the channel layer to the insulating layer near the drive electrodes makes the current switching possible. The present disclosure preferentially uses a solution processing/ printing technique to achieve fabrication of the FETs. Additionally, the present disclosure includes a circuit comprised of one or more the said FETs.

No. of Pages : 39 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2019

(21) Application No.201941006532 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ANTI-COUNTERFEIT SECURITY MARK

(51) International classification :G07D7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MANIPAL TECHNOLOGIES LTD.
Address of Applicant :Press Corner, Manipal 576104 Karnataka, India Karnataka India
(72)**Name of Inventor :**
1)ASHWIN RAJ R K
2)KUMARESAN K
3)ANCITA CAREN D SOUZA
4)HARSHA SHETTIGAR
5)GURUPRASANNA
6)SUDHISH S RAO
7)ABHAY GUPTE

(57) Abstract :
ABSTRACT ANTI-COUNTERFEIT SECURITY MARK • The present invention relates to a security mark to detect a counterfeit product that requires no special ink or no special technique for generation. The anti-counterfeit security mark is for use as a copy proof security feature for authenticating value added products such as Excise labels, medical cartons, certificates etc. The copy proof security feature of anti-counterfeit security mark is resistant to all kinds of copying techniques such as photo copy, scan copy, fax copy etc. Figure 1 on sheet no. 1 of the drawings may accompany the abstract when published.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2019

(21) Application No.201941006555 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NOVEL CRYSTALLINE POLYMORPHS OF 1-[(3R)-3-[4-AMINO-3-(4-PHENOXYPHENYL)-1H-PYRAZOLO[3,4-D]PYRIMIDIN-1-YL]-1-PIPERIDINYL]-2-PROPEN-1-ONE AND PROCESS FOR PREPARATION THEREOF

(51) International classification :C07D1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MSN Laboratories Private Limited, R&D Center
Address of Applicant :Plot No. 12, Phase-IV, Sy. No.119 to 140, 258, 275 to 280, IDA, Pashamylaram (Vil), Patancheru (Mdl), Sangareddy (Dist), Telangana, India, Pin Code-502 307. Telangana India
(72)**Name of Inventor :**
1)Srinivasan Thirumalai Rajan
2)Sajja Eswaraiah
3)Sagyam Rajeshwar Reddy
4)Rangineni Srinivasulu
5)Saladi Venkata Narasayya

(57) Abstract :
ABSTRACT The present invention relates to novel crystalline polymorphs of 1-[(3R)-3-[4- amino-3-(4-phenoxyphenyl)-1H-pyrazolo[3,4-d]pyrimidin-1-yl]-1-piperidinyl]-2- 5 propen-1-one represented by the following structural formula-1 and processes for their preparation. Formula-1 1

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2019

(21) Application No.201941006678 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD FOR PRODUCING SULPHIDE TOLERANT BACTERIAL PROTEASES AND ITS USES THEREOF

(51) International classification	:C14C 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IIT Madras)
Address of Applicant :THE DEAN, INDUSTRIAL CONSULTANCY & SPONSORED RESEARCH (ICSR), INDIAN INSTITUTE OF TECHNOLOGY MADRAS, IIT P.O, CHENNAI, INDIA Tamil Nadu India
2)2. CSIR-CENTRAL LEATHER RESEARCH INSTITUTE
(72)**Name of Inventor :**
1)MONIKA VENKATACHALAM
2)CHANDRARAJ KRISHNAN
3)RAGHAVA J. RAO
4)ARAVINDHAN RATHINAM

(57) Abstract :
A method for producing sulphide-tolerant bacterial proteases and its uses in dehairing, hydrolysis of feathers and hair in leather processing applications. The proposed method discloses an approach for preparing an enzyme formulation from sulphide-tolerant Bacillus sp. (KLP1) and its application in enzyme-assisted dehairing of skins in leather processing applications.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2019
(21) Application No.201941006694 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A METHOD AND SYSTEM FOR CONTEXTUAL GROUPING OF APPLICATIONS IN AN ELECTRONIC DEVICE

(51) International classification	:G11C 13/00	(71)**Name of Applicant :** **1)SAMSUNG ELECTRONICS CO., LTD.** Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)Priydarshi**
Filing Date	:NA	**2)Ganji Manoj Kumar**
(87) International Publication No	: NA	**3)Renju Chirakarotu Nair**
(61) Patent of Addition to Application Number	:NA	**4)Vaisakh Punnekkattu Chirayil S**
Filing Date	:NA	**5)Syama Sudheesh**
(62) Divisional to Application Number	:NA	**6)Chung Geol Kim**
Filing Date	:NA	**7)Gyusung Cho**

(57) Abstract :
ABSTRACT The present disclosure discloses system and method for managing operations of one or more applications on an electronic device. The method includes monitoring at predefined instants, device parameters associated with the electronic device and user parameters associated with usage of a plurality of applications in the electronic device. Application usage pattern is identified based on the device parameters and the user parameters by using predefined techniques. Further, the one or more applications are clustered into one or more groups using a real-time learning model stored in the electronic device. The learning model is trained dynamically based on the application usage pattern for clustering. Thereafter, the operations of the one or more applications are managed on the electronic device based on the one or more clustered groups. FIGURE.1

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2019

(21) Application No.201941006784 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SUBSTANTIALLY PURE LANREOTIDE OR ITS SALT & PROCESS THEREOF

(51) International classification	:A61K 47/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Dr. Reddy™s Laboratories Limited
Address of Applicant :8-2-337, Road No. 3, Banjara hills, Hyderabad 500034 Telangana India
(72)**Name of Inventor :**
1)Justine Ann Peterson
2)Peter McCormack
3)Colin Thomas Dewar
4)Jonathan Paul Eddolls
5)Sebastian H B Kroll
6)Sunil Kumar Gandavadi
7)M Murali Mohan
8)K Y Kiran kumar
9)Appala raju Jonnada
10)Y S V Pavan Aditya
11)Karthik Ramasamy

(57) Abstract :
The present invention provides substantially pure Lanreotide or its salt and preparation thereof. In another aspect present invention provides a method of preparing Lanreotide drug product which involves measuring D-Allo-Threonine Lanreotide impurity content in the Lanreotide or its salt. The present invention also provides a method of assaying purity of a sample of Lanreotide or its salt or a pharmaceutical dosage form comprising Lanreotide or its salt.

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2019

(21) Application No.201941006800 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : BIOINK FORMULATION SUITABLE FOR LOW TEMPERATURE

(51) International classification	:C09D 11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY
Address of Applicant :Biomedical Technology Wing, Poojappura, Thiruvananthapuram, Kerala, India, Pin Code-695 012. (An Institute of National Importance under Govt. of India). Kerala India
(72)**Name of Inventor :**
1)Roy Joseph
2)Praveen Kunjan Sobhan

(57) Abstract :
This invention relates to a bioink formulation suitable for low temperature bioprinting comprising of cationised gelatin and oxidized alginate, with tunable gelation time ranging from 1 minute to 120 minutes with appropriate viscosity, elasticity and compressive properties suitable for multidimension bioprinting at low temperatures.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2019

(21) Application No.201941006810 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A TUNABLE HYBRID HYDROGEL

(51) International classification	:A61K 9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY
Address of Applicant :Biomedical Technology Wing, Poojappura, Thiruvananthapuram, Kerala, India, Pin Code-695 012. (An Institute of National Importance under Govt. of India) Kerala India
(72)**Name of Inventor :**
1)Reshmi Raj
2)Thapasimuthu Vijayamma Anilkumar
3)Praveen Kunjan Sobhan

(57) Abstract :
This invention relates to a tunable hybrid hydrogel of polyethylene glycol diacrylate and mammalian cholecystic extracellular matrix, obtained by redox crosslinking of polyethylene glycol diacrylate with mammalian cholecystic extracellular matrix.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2019

(21) Application No.201941007072 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND SYSTEM FOR HANDLING RANDOM ACCESS IN WIRELESS CELLULAR SYSTEM

(51) International classification	:H041/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)Samsung Electronics Co., Ltd.**
(32) Priority Date	:NA	Address of Applicant :129, Samsung-ro, Yeongtong-gu,
(33) Name of priority country	:NA	Suwon-si, Gyeonggi-do 443-742, Republic of Korea h Republic of
(86) International Application No	:NA	Korea
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)MANGESH ABHIMANYU INGALE**
(61) Patent of Addition to Application Number	:NA	**2)ANIL AGIWAL**
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
ABSTRACT Method and UE for handling random access in wireless communication system • Embodiment herein disclose a method for handling random access procedure in wireless communication system (300). The method includes acquiring, by the UE (100), a SIB Type1 (SIB1) message from a cell, when the UE (100) is in one of an idle mode and an inactive mode. Further, the method includes determining whether the UE (100) supports a frequency band criterion, a spectrum emission criterion and a bandwidth part criterion based contents of the acquired SIB1 message. Further, the method includes performing one of: camping on the cell in response to determining that the UE (100) supports at least one of the frequency band criterion, the spectrum emission criterion, and the bandwidth part criterion, and barring the cell in response to determining that the UE (100) does not support both the frequency band criterion, the spectrum emission criterion, and the bandwidth part criterion. FIG. 4

No. of Pages : 57 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2019

(21) Application No.201941007211 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEMS AND METHODS FOR MIXING EXHAUST GAS AND REDUCTANT

(51) International classification	:B01F1/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)Cummins Emission Solutions Inc.**
(32) Priority Date	:NA	Address of Applicant :500 Jackson Street Columbus, Indiana 47201 United States of America U.S.A.
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)Akshat Gattani**
Filing Date	:NA	**2)Nitin Tripathi**
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A mixing assembly for an exhaust aftertreatment system includes a mixing body, an upstream plate, a downstream plate, and a swirl plate. The mixing body includes an upstream mixing body opening and a downstream mixing body opening. The upstream mixing body opening is configured to receive exhaust gas. The upstream plate is coupled to the mixing body. The upstream plate includes a plurality of upstream plate openings. Each of the plurality of upstream plate openings is configured to receive a flow percentage that is less than 50% of the total flow of the exhaust gas. The downstream plate is coupled to the mixing body downstream from the upstream plate in a direction of exhaust gas flow. The downstream plate includes a downstream plate opening. The swirl plate is positioned between the upstream plate and the downstream plate and defines a swirl collection region and a swirl concentration region. Fig. 1

No. of Pages : 54 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201941007283 A
(19) INDIA
(22) Date of filing of Application :25/02/2019
(43) Publication Date : 07/05/2021

(54) Title of the invention : A METHOD AND SYSTEM FOR REDUCING MAGNETISING IN-RUSH CURRENT IN HT TRANSFORMER USING TWO IDENTICAL POTENTIAL TRANSFORMERS

(51) International classification	:H01F 38/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VALAGAM RAJAGOPAL RAGHUNATHAN
Address of Applicant :Old no:6 New no:62, 12th Avenue, Ashok Nagar, Chennai. Tamil Nadu India
(72)**Name of Inventor :**
1)VALAGAM RAJAGOPAL RAGHUNATHAN

(57) Abstract :
The present invention relates to a system and method for reducing magnetising in-rush current in HT transformer (1) using identical potential transformers (2a & 2b). Since both the potential transformers are identical, the phase angle and voltage error induced by them will be same. So, in effect, they will cancel each other at the HT side. Hence, if a current is induced and slowly increased at the LT side of the potential transformer 2b in synchronization with the phase sequence and phase angle of the LT side of the potential transformer 2a, till the voltage at the LT side of both the potential transformers 2a and 2b are equal. Then the HT side voltage, phase angle and phase sequence of the potential transformer 2b will be exactly the same as the Grid voltage, phase angle and phase sequence. At that instant, if the breaker is closed, then there will not be any magnetic inrush current (Refer figure 2).

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2019
(21) Application No.201941007324 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR HANDLING UPLINK BEARER SPLIT CONFIGURATIONS IN MULTI CONNECTIVITY SYSTEMS

(51) International classification :H04L1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea
(72)**Name of Inventor :**
1)Manasi Ekkundi
2)Fasil Abdul Latheef
3)Jajohn Mathew Mattam

(57) Abstract :
Present disclosure describes method and system for handling UL bearer split configuration in Dual Connectivity technology for LTE-NR cellular networks. The method comprising sending UL data from a PDCP PDU to primary RLC entity for first time period and to secondary RLC entity for second time period, evaluating at least one of network parameters of an UL path associated with the primary RLC entity for the first time period and the network parameters of an UL path associated with the secondary RLC for the second time period, determining a split factor for splitting new UL data from the PDCP PDU between the primary RLC entity and the secondary RLC based on evaluation, and sending the new UL data to the primary RLC entity and to the secondary RLC entity for a third time period based on the split factor evaluated for the first time period and the second time period. Fig. 1

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2019

(21) Application No.201941007427 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A COATED GLAZING WITH IMPROVED READABILITY AND A METHOD THEREOF

(51) International classification	:B32B 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Saint Gobain Glass France
Address of Applicant :18 Avenue D'alsace, Courbevoie France
(72)**Name of Inventor :**
1)Samson Richardson David
2)Arunvel Thangamani

(57) Abstract :
A coated laminated glazing providing improved readability for data transponder device is disclosed. The coated laminated glazing includes a surface coating layer provided on at least one of face two or face three of the laminated glazing and having an etched area selectively provided on the surface coating layer. The coated laminated glazing comprises a data transponder or antenna positioned below the etched area and sandwiched between a first substrate and a second substrate of the laminated glazing. Alternatively, the coated laminated glazing is fixed in close proximity to the etched area to face 1 or face 4 of the laminated glazing. The etched area is characterized by a plurality of disjoint patterns to provide improved data readability through RF transparency. The coated laminated glazing further comprises one or more interlayers disposed between the first substrate and the second substrate. FIG. 1A

No. of Pages : 32 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2019
(21) Application No.201941007497 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A HULL ASSEMBLY FOR AN ALL-TERRAIN VEHICLE

(51) International classification	:B63B 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BEML Limited
Address of Applicant :BEML SOUDHA, 23/1, 4th Main, SR Nagar, Bengaluru-560 027, Karnataka, India Karnataka India
(72)**Name of Inventor :**
1)V APPA, Shiv Kumar
2)S, Ramachandra
3)RAJPUT, Ram Krishana

(57) Abstract :
A hull assembly for an all-terrain vehicle is disclosed. The hull assembly includes a lower hull structure and an upper hull structure. The lower hull structure includes a first compartment defined by a pair of side plates, a floor plate, a bulkhead plate, and a nose plate. Further, the lower hull structure includes a second compartment separated from the first compartment through the bulkhead plate extending between sides of the all-terrain vehicle. The second compartment is defined by the pair of side plates, the floor plate, the bulkhead plate, a rear plate, and a rear frame attached to the rear plate. The upper hull structure is disposed on the lower hull structure. The upper hull structure includes a primary compartment positioned at a front end of the all-terrain vehicle. Further, the upper hull structure includes a secondary compartment positioned at a rear end of the first compartment. The upper hull structure also includes an auxiliary compartment positioned at the rear end of the first compartment and adjacent to the secondary compartment.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2019
(21) Application No.201941007504 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A WET MULTI-PLATE CLUTCH ASSEMBLY

(51) International classification	:F16D 25/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BEML Limited
Address of Applicant :BEML SOUDHA, 23/1, 4th Main, SR Nagar, Bengaluru-560 027 Karnataka India
(72)**Name of Inventor :**
1)MADHUSUDHAN, Bangalore Harirao
2)SASIKUMAR, Muniswamy
3)JEYAKUMAR, Senthur Pandi
4)Hanumesh
5)MURUGAIYAN, Singaravelan
6)SHIVANNA, Bharath
7)PATNALA, Raghu Vamsi

(57) Abstract :
A wet multi-plate clutch assembly for an automatic transmission system is disclosed. The wet multi-plate clutch assembly includes a plurality of pressure plates and a plurality of friction plates arranged consecutively between the plurality of pressure plates. Each of the plurality of friction plates is positioned at a predefined clearance from an adjacent pressure plate. The wet multi-plate clutch assembly includes an isolated piston plate concentrically disposed with respect to the plurality of pressure plates and the plurality of friction plates. The isolated piston plate is adapted to exert pressure on the plurality of friction plates and the plurality of pressure plates. Further, the wet multi-plate clutch assembly includes an actuating member engagable with the pressure plate such that the isolated piston plate exerts pressure on the plurality of friction plates and the plurality of pressure plates to arrest a movement of at least one rotary element of a planetary gear set.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2019
(21) Application No.201941007510 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ALL WHEEL STEERABLE HDT 8X8 WITH PERMANENT MECHANICAL CONNECTION AND ELECTRONIC CONTROL

(51) International classification	:B62D 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BEML Limited
Address of Applicant :BEML SOUDHA, 23/1, 4th Main, SR Nagar, Bengaluru, Karnataka - 560 027. Karnataka India
(72)**Name of Inventor :**
1)MUDDULURU, Ramesh Kumar Raju
2)ARUL, Uthayan
3)MODALAVALASA, Radhakrishna

(57) Abstract :
A method for controlling steering of rear wheels in a vehicle, the method includes permanent mechanical connection between steering wheel, front & rear steering mechanism; regulating the flow of oil to rear steering circuit by a valve controlled by an ECU; receiving speed of the vehicle from speedometer and comparing the speed with pre-determined speed range; limiting the flow oil when the speed of the vehicle is observed greater than the pre-determined threshold speed and regulating the flow of oil when the speed of the vehicle is restored below the pre-determined threshold speed.

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2019

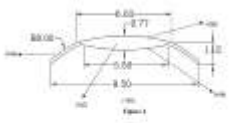
(21) Application No.201941007530 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : HYPERBOLE INTRAOCULAR LENS TO REDUCE DYSPHOTOPSIA

(51) International classification	:A61F 2/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Sri Kanchi Kamakoti Medical Trust
Address of Applicant :16-A, Sankara Eye Hospital, Sathy Road, Sivanandapuram, Coimbatore - 641035. Tamil Nadu India
(72)**Name of Inventor :**
1)REDDY, Jagadeesh Kumar

(57) Abstract :
ABSTRACT HYPERBOLE INTRAOCULAR LENS DESIGNED TO REDUCE DYSPHOTOPSIA The present invention relates to a novel hyperbole intraocular lens which is implanted after the cataract surgery to reduces dysphotpsia. The present invention provide solution to both types of dyspohotopsia e.g. positive dysphotopsia and negative dysphotopsia. The novel intra ocular lens comprises of an optic designed in biconvex form and the diametrically opposite haptics carry the curvature of the optic resulting in a singular curved surface that extends through the entire intraocular lens design. The novel the intraocular lens helps in eliminating the undesired ray refraction and unique design of the intraocular lens eliminates the formation of reflection made by the gap between the rays refracted by the intraocular lens and those missing the intraocular lens results. FIG 1.



No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2019

(21) Application No.201941007580 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND FORMULATION FOR PREVENTING SALMONELLA COLONIZATION IN POULTRY

(51) International classification	:C12N 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Gangagen Biotechnologies Pvt. Ltd.
Address of Applicant :No 12, 5th Cross Road, Yeshwanthpur Industrial Area, H Gurumurthy Reddy Colony, Yeshwanthpur, Bengaluru Karnataka India
(72)**Name of Inventor :**
1)VIPRA, Aradhana
2)JAYASHEELA, Manur
3)DESAI, Srividya

(57) Abstract :
ABSTRACT METHOD AND FORMULATION FOR PREVENTING SALMONELLA COLONIZATION IN POULTRY The invention provides a method of obtaining a formulation for preventing Salmonella colonization in Poultry. The method includes the steps of selecting a carrier, coating the carrier with a cocktail of bacteriophage and drying the coated carrier to obtaining a formulation for preventing Salmonella colonization in Poultry. The invention also provides a formulation for preventing Salmonella colonization in Poultry. The formulation includes a cocktail of bacteriophage and a carrier coated with the cocktail of bacteriophage. The invention also includes a method of obtaining a formulation for preventing Salmonella colonization in Poultry. The method includes selecting starch as a first base and maltodextrin as a second base, mixing a cocktail of bacteriophage with the first base to obtain a mixture and finally adding the second base to the mixture to obtain the formulation. Further the invention provides a formulation for preventing Salmonella colonization in Poultry, containing a first base of starch, a second base of maltodextrin and a cocktail of bacteriophage.

No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2019

(21) Application No.201941007630 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ECU WITH HIGH ALTITUDE KIT (HAK)

(51) International classification :F02M1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BEML Limited
Address of Applicant :BEML SOUDHA, 23/1, 4th Main, SR Nagar, Bengaluru Karnataka India
(72)**Name of Inventor :**
1)B.S, Krishne Gowda
2)M, Radha Krishna
3)KUMAR, Ashish
4)A, Rakesh

(57) Abstract :
The present invention relates to a system for operating an internal combustion engine at higher altitude. In accordance with embodiment of the present invention, the system comprises an electronically controlled valve member located between an air intake manifold and a pressure corrector to control a flow of intake air from the air intake manifold to the pressure corrector; and an electronic control unit coupled to the electronically controller valve member to: detect the higher altitude; and control an opening of the electronically controlled valve member to control the flow of intake air from the air intake manifold to the pressure corrector for controlling introduction of the intake air into the internal combustion engine to operate the internal combustion engine at the higher altitude.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2019

(21) Application No.201941007633 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : LASER BASED METHOD TO CRYSTALLIZE FERROELECTRIC THIN FILM AT SUB 300 C TEMPERATURES FOR TUNABLE MICROWAVE DEVICES

(51) International classification	:H01L 51/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNIVERSITY OF HYDERABAD
Address of Applicant :Prof. C.R. Rao Road, Gachibowli, Hyderabad, 500046, Telangana, India. Telangana India
(72)**Name of Inventor :**
1)J. Pundareekam Goud
2)S. Ramakanth
3)Kongbrailatpam Sandeep Sharma
4)Ajeet Kumar
5)K. C. James Raju

(57) Abstract :
ABSTRACT LASER BASED METHOD TO CRYSTALLIZE FERROELECTRIC THIN FILM AT 300ºC TEMPERATURES FOR TUNABLE MICROWAVE DEVICES • The present invention relates to crystallization of ferroelectric thin films. More particularly, the present invention relates to a laser-based method for crystallization of ferroelectric thin films at low temperature and system therefor and their application in tunable microwave devices. Figure 1 on sheet no. 1 of the drawings may accompany the abstract when published.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2019
(21) Application No.201941007638 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AUTOMATED MANUAL TRANSMISSION FOR MULTI-TERRAIN VEHICLE

(51) International classification	:F16H 61/46
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BEML Limited
Address of Applicant :BEML SOUDHA, 23/1, 4th Main, SR Nagar, Bengaluru Karnataka India
(72)**Name of Inventor :**
1)MUDDULURU, Ramesh Kumar Raju
2)ARUNACHALAM, Babu
3)KUMAR, Ashish

(57) Abstract :
A method (200) of automated manual transmission in a tracked vehicle is disclosed. The method (200) includes receiving a user input indicative of a terrain on which the vehicle has to be travelling. The method (200) includes detecting at least one value of operational parameters related to driving of the vehicle at the time of receipt of the user input. The operational parameters include at least one of a speed of the vehicle, an acceleration of the vehicle, and a gear position of the vehicle. The method (200) includes controlling an operation of a first electro-mechanical actuator (102) to control an operation of a clutch, an operation of a set of electro-mechanical actuators (104) to control the gear position, and an operation of a second electro-mechanical actuator (106) to control the acceleration of the vehicle. The clutch, the gear position, and the acceleration are controlled based on the selected terrain.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2019

(21) Application No.201941007652 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CRYSTALLINE SOLID FORMS OF SIPONIMOD

(51) International classification	:A61K 31/00	(71)**Name of Applicant :** **1)Dr. Reddy™s Laboratories Limited** Address of Applicant :8-2-337, Road No. 3, Banjara Hills, Hyderabad - 500034 Telangana India
(31) Priority Document No	:NA	(72)**Name of Inventor :** **1)Srividya Ramakrishnan** **2)Vamsi Krishna Mudapaka** **3)Satyanarayana Thirunahari**
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present application provides novel polymorphic forms of siponimod, their processes, their use in purification of other crystalline polymorphic forms of siponimod, and pharmaceutical compositions containing them. The present application specifically provides crystalline Form S, Form S1 and Form S2 of siponimod, their preparative methods, their use in purification of other crystalline forms of siponimod and pharmaceutical compositions thereof.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2019

(21) Application No.201941007729 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CONTROL SYSTEM FOR OPERATING RECOVERY AGGREGATES OF A VEHICLE

(51) International classification :H02P1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BEML Limited
Address of Applicant :BEML SOUDHA, 23/1, 4th Main, SR Nagar, Bengaluru Karnataka India
(72)**Name of Inventor :**
1)V, Prasad
2)YALAMALLI, Vinayak
3)B.S, Krishne Gowda

(57) Abstract :
In an example embodiment, a control system for operating recovery aggregates of a vehicle (100) is disclosed. The control system comprises a Recovery Aggregates Control Panel (RACP) (106) configured to control supply of electric power to a plurality of recovery aggregates of the vehicle (100). The control system further comprises a Recovery Aggregates Distribution Box (RADB) (108) coupled to the RACP (106), wherein the RADB (108) is configured to provide electric power to a plurality of control units (104) corresponding to the plurality of recovery aggregates, wherein each of the control units (104) is coupled to a corresponding recovery aggregate for controlling operation thereof. In an example, at least one of the RACP (106) and the RADB (108) is configured to control the supply of the electric power to a control unit corresponding to a recovery aggregate from the plurality of recovery aggregates.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2019
(21) Application No.201941007734 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEMS AND METHODS FOR MITIGATING DOS ATTACK IN MOBILE NETWORKS

(51) International classification :H04L1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro Yeongtong-gu, Suwon-si, Gyeonggi-do - Republic of Korea 443-742 Republic of Korea
(72)**Name of Inventor :**
1)Narendranath Durga Tangudu
2)RAJAVELSAMY R

(57) Abstract :
ABSTRACT Methods and systems for mitigating Denial of Service (DoS) attack in a wireless network. Embodiments herein disclose methods and systems for mitigating Denial of Service (DOS) attacks in wireless networks, by performing admission control by verifying a User Equipment™s (UE™s) registration request via a Closed Access Group (CAG) cell without performing a primary authentication. Embodiments herein disclose methods and system for verifying permissions of the UE to access a CAG cell based on the UE™s Subscription identifier, before performing the primary authentication. FIG. 3

No. of Pages : 84 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2019

(21) Application No.201941007737 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : FUEL MONITORING SYSTEM FOR MULTI-FUEL TANK VEHICLES

(51) International classification :G01F23/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BEML Limited
Address of Applicant :BEML SOUDHA, 23/1, 4th Main, SR Nagar, Bengaluru-560 027, Karnataka, India Karnataka India
(72)**Name of Inventor :**
1)V V, Lingaraj
2)SK, Sethu Madhavan
3)NANDA, Dheeraj
4)SINGH, Yadawendr

(57) Abstract :
A fuel monitoring system (102) is disclosed. The system (102) comprises a plurality of fuel level sensors (200) coupled to a plurality of fuel tanks (104), where each fuel level sensor (200) is configured to generate sensor data associated with a level of fuel in respective fuel tank (104). The system (102) further comprises a master controller (202) coupled to the plurality of fuel level sensors (200) using a one-to-many digital communication protocol. Herein, each fuel level sensor (200) is configured to transmit the sensor data to the master controller (202) using the one-to-many digital communication protocol; and the master controller (202) is configured to compute a cumulative fuel level based on the sensor data received from each fuel level sensor (200). Herein, the cumulative fuel level is indicative of total fuel present in the plurality of fuel tanks (104).

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2019

(21) Application No.201941007765 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : FETAL MONITORING

(51) International classification	:A61B 5/00	(71)**Name of Applicant :** **1)PES UNIVERSITY** Address of Applicant :PES University, 100 Feet Ring Road, BSK III Stage, Bengaluru560085, India Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)MOHAN, Prateek**
Filing Date	:NA	**2)SINGH, Harshita**
(87) International Publication No	: NA	**3)BHAT, Karthik**
(61) Patent of Addition to Application Number	:NA	**4)NAVALI, Likhita**
Filing Date	:NA	**5)DESHPANDE, Manisha**
(62) Divisional to Application Number	:NA	**6)SITARAM, Dinkar**
Filing Date	:NA	**7)PADMANABHA, Nirupama Mandya**

(57) Abstract :
AS ATTACHED

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2019
(21) Application No.201941007772 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NON-REPRODUCIBLE TRACK AND TRACE DIGITAL VARIABLE SECURITY MARK

(51) International classification	:G06K 9/00	(71)**Name of Applicant :** **1)MANIPAL TECHNOLOGIES LTD.** Address of Applicant :Press Corner, Manipal 576104 Karnataka, India Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)ASHWIN RAJ R K**
Filing Date	:NA	**2)KUMARESAN K**
(87) International Publication No	: NA	**3)ANCITA CAREN D SOUZA**
(61) Patent of Addition to Application Number	:NA	**4)HARSHA SHETTIGAR**
Filing Date	:NA	**5)GURUPRASANNA**
(62) Divisional to Application Number	:NA	**6)SUDHISH S RAO**
Filing Date	:NA	**7)ABHAY GUPTE**

(57) Abstract :
ABSTRACT NON-REPRODUCIBLE TRACK AND TRACE DIGITAL VARIABLE SECURITY MARK • The present invention relates to a data authentication method and system for identifying counterfeited or altered printed secure document and determining authentication of a document through digital device such as smart phone and desktop computer. More specifically, the invention discloses a photocopy proof security feature for the authenticity of the product using partially visible code. Herein, the secure document is selected from group of but not limited to paper documents, cartons and labels or any kind of packaging substrate. An end user is able to authenticate the secure document by scanning the security mark through proprietary smart phone or desktop application to check the genuine nature of the product and a report view is provided to identify the circulation of counterfeit product in the market. Figure 2 on sheet no. 2 of the drawings may accompany the abstract when published.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2019

(21) Application No.201941007776 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : Noise Absorbing Floor Panel

(51) International classification	:B60N 3/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BEML Limited
Address of Applicant :BEML Soudha, No 23/1, IV Main, Sampangiramanagar, Bengaluru Karnataka India
(72)**Name of Inventor :**
1)Purushothaman Rajaram

(57) Abstract :
ABSTRACT Noise Absorbing Floor Panel Noise absorbing floor panels comprising a honeycomb structure (2) cladded with a metallic sheet (3). A noise absorber structure (4) is placed in partition (5) provided in the panel (1). Hard material (6) is provided at all edges of the floor panel (1) so as to provide stability to the panel (1). Hard material (6) is also provided at all such places where passenger handholds (not shown) are to be fixed. [Fig. 1]

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2019

(21) Application No.201941007817 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR CHARGING BATTERIES AND IMPROVING USER EXPERIENCE

(51) International classification	:B60L 53/66
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)IRSHAD YOUSUFF
Address of Applicant :SHAIK HOUSE, #39, 5TH CROSS, MASJID ROAD, LBS NAGAR, HAL POST BANGALORE - 560017 Karnataka India
(72)**Name of Inventor :**
1)IRSHAD YOUSUFF

(57) Abstract :
ABSTRACT SYSTEM AND METHOD FOR CHARGING BATTERIES AND IMPROVING USER EXPERIENCE Aspects of the present invention facilitate users to manage battery packs used in electric vehicles. In one embodiment, a server system allocates multiple battery packs to a user for usage in an electric vehicle. The server system also monitors the usage of a battery pack being currently used in the electric vehicle. Upon determining, based on the monitoring, that the current battery pack is required to be replaced, the server system identifies a replacement battery pack that is ready for usage and sends a notification to the user indicating that the current battery pack is to be replaced with the replacement battery pack. Thus, the user is relieved of the burden of dedicating time for charging and the geographical constraints associated with such charging. In addition, in high demand situations (e.g. during emergencies), a ready to be used battery pack is made available to the user.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2019

(21) Application No.201941007818 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : FOLDING PLATFORM CUM STEP

(51) International classification :E04G1/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BEML Limited
Address of Applicant :Beml Soudha, 23/1, 4th Main, Sampangirama Nagar, Bengaluru, Karnataka - 560 027, India Karnataka India
(72)**Name of Inventor :**
1)HEMANT KUMAR T

(57) Abstract :
ABSTRACT FOLDING PLATFORM CUM STEP Folding platform cum step is an ideal feature handy for service and maintenance staff to do the periodic maintenance of the equipment or do the trouble shooting of the equipment in shorter time where the access or reach to the critical parts is an issue. Before the working of the folding platform cum step is explained, it is to be understood that this application is not limited to the particular methodologies described, as there can be multiple possible embodiments, which are not expressly illustrated in the present disclosures.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2019
(21) Application No.201941007819 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : FLP DRIVE CONTROL PANEL FOR UNDERGROUND MINE LOCOMOTIVES

(51) International classification	:B61C 11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BEML Limited
Address of Applicant :Beml Soudha, 23/1, 4th Main, Sampangirama Nagar, Bengaluru, Karnataka- 560 027, India.
Karnataka India
(72)**Name of Inventor :**
1)C.M.DUDHE
2)H. SAHU
3)M. SURESHA
4)SUMANT KUMAR
5)T.THIRUPPATHI

(57) Abstract :
FLP DRIVE CONTROL PANEL FOR UNDERGROUND MINE LOCOMOTIVES Before the present system in one implementation, operation & speed control of the traction motors in Locomotives was achieved with a drum controller. The controller is in the form of a rotating drum having insulated and interconnected segments in the form of strips which makes contact with the fixed points. Across this fixed points starting resistances and reversing contacts are connected for speed reversal of motors to operate locomotive in other direction. Figure 1-3

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2019
(21) Application No.201941007830 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN INTERACTIVE INDOOR TRAINING SYSTEM TO TRAIN DETACHED NUMBERS OF A MEDIUM MACHINE GUN (MMG)

(51) International classification	:F41G 3/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ZEN TECHNOLOGIES LIMITED
Address of Applicant :B-42, INDUSTRIAL ESTATE, SANATHNAGAR, HYDERABAD Telangana India
(72)**Name of Inventor :**
1)ATLURI KISHORE DUTT

(57) Abstract :
7. ABSTRACT An interactive indoor training system (100a) comprising a replica/modified service weapon (104) with a tripod and have azimuth & elevation movements is disclosed. A plurality of users (102) using the replica/modified service weapon (104) are trained to practice in aerial targets Anti Aircraft role (AA role). The interactive indoor training system (100c) comprises a recoil unit (106) with an air compressor for weapon recoil; a leaser unit (108); a knob sensor (110); an elevation sensor (112); a trigger sensor (114); an optical sighting system based on micro display (116); and a laser sensitive display screen for projected visuals (118). The instructor monitors and controls the exercise taken by the crew members. The interactive indoor training system generates a 3D graphical generation through an application to generate terrains, desert, semi desert, jungles, mountains and conventional scenarios with natural obstacles and built- up- area. Figure associated with Abstract is Fig. 1c

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2019

(21) Application No.201941007872 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A METHOD AND SYSTEM FOR SHARING IDENTITY DATA BETWEEN COMPUTING DEVICES

(51) International classification :G06F21/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHANKAR PALANIANDY
Address of Applicant :17/A, 2nd Floor, 14-B Cross, 1-D Main, IAS Colony, 6 Sector, HSR Layout, Bangalore 560 102 Karnataka India
(72)**Name of Inventor :**
1)SHANKAR PALANIANDY

(57) Abstract :
A METHOD FOR SHARING IDENTITY DOCUMENTS, AND A SYSTEM THEREOF ABSTRACT The present disclosure relates to a method for sharing identity documents (103). Inputs related to the one or more identity documents (205) are received from a user (101). Details related to the one or more identity documents (206) are selectively verified by comparing the inputs related to the one or more identity documents (205) with data in one or more regulatory databases (102) associated with a computing system (106). Further, the details related to the one or more identity documents (206) are encrypted and stored in a memory (202) associated with the computing system (106). Furthermore, a signal comprising details regarding an entity (105) is scanned. The signal is generated by the entity (105). Thereafter, the encrypted details related to the one or more identity documents (206) are shared to a device (104) associated with the entity (105), upon scanning the signal. Figure 3

No. of Pages : 37 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2019

(21) Application No.201941007956 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN EMERGENCY BRAKE CONTROL SYSTEM TO APPLY BRAKE DURING EMERGENCY

(51) International classification	:B60T 13/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BEML LIMITED
Address of Applicant :A Company Incorporated in India Under Ministry of Defence (A Govt. of India Undertaking),BemlSoudha, 23/1, 4th Main, Sampangirama Nagar, Bengaluru, Karnataka - 560 027, India. Karnataka India
(72)**Name of Inventor :**
1)DR. K. RAJASEKAR
2)KUMAR. V
3)PRAVEEN. B. T.

(57) Abstract :
The present subject matter relates to an emergency brake control system 200 to apply brake during emergency. The present emergency brake control system 200 comprises a compressor 101 to deliver compressed air to the emergency brake control system 200, a condenser 102 to remove the moisture content from the compressed air delivered by the compressor 101, an unloader valve 103, provided in between the compressor 101 and the condenser 102, a wet tank 104 having an automatic drain valve at the bottom of the wet tank 104 to collect the moisture in the compressed air before delivering the compressed air to rest of the air brake system 100 and emergency brake control system 200, a graduated hand control valve 201 connected to the wet tank 104 via an emergency brake line to apply the emergency brake when the main line air pressure goes below prescribed minimum due to damage or leak, a pair of emergency relay valves 202 connected to brake chamber to avoid delay in application of brake, wherein the pair of emergency relay valves 202 takes air from corresponding service tanks 107 and actuate the brake chamber when signal is received from the graduated hand control valve 201. To be published with Figure 2.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2019
(21) Application No.201941007969 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A SYSTEM FOR IDENTIFYING VISUALLY AIR-LEAKAGE POINT IN PNEUMATIC LINES OF A BRAKE SYSTEM IN A VEHICLE

(51) International classification	:B60T 13/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BEML LIMITED
Address of Applicant :BEML SOUDHA, 23/1, 4TH MAIN, SAMPANGIRAMA NAGAR, BENGALURU Karnataka India
(72)**Name of Inventor :**
1)HARISH BALEKAI MALLIKARJUN

(57) Abstract :
ABSTRACT A SYSTEM FOR IDENTIFYING VISUALLY AIR-LEAKAGE POINT OF A BRAKE SYSTEM IN A VEHICLE Described herein is a system (10) for identifying visually air-leakage point in long running pneumatic lines of a brake system in a vehicle. The system (10) having an air compressor (9) for generating the compressed air. An air reservoir (1) which receives and stores the compressed air from the air compressor (9). A pressure gauge (4) is positioned on top of the air reservoir (1) to monitor the compressed air in the air reservoir (1). An additive container (3) is positioned in a pneumatic lines (2). A piston cylinder (6) is mounted with a brake block (7) and a rail wheel (8) to the system (10). An inlet (5) point is positioned on top of the additive container (3), where the pressurized air is mixed with additive to form enriched mixture and changes its color due to the pressure difference in the air flow path of the brake system. [Figure. 1]

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2019

(21) Application No.201941007991 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ELECTROCHEMICAL MEASUREMENT OF CREATININE IN SERUM

(51) International classification :G01N27/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF SCIENCE
Address of Applicant :Office of Intellectual Property and Technology Licensing, Bangalore, Karnataka 560 012, India Karnataka India
(72)**Name of Inventor :**
1)DASGUPTA, Pallavi
2)KRISHNASWAMY, Patnam
3)KUMAR, Vinay
4)BHAT, Navakanta

(57) Abstract :
AS ATTACHED

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2019
(21) Application No.201941008082 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN ORTHODONTIC BRACKET

(51) International classification	:A61C 7/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)YENEPOYA UNIVERSITY
Address of Applicant :Yenepoya University, University Road, Deralakatte, Mangalore- 575018, Karnataka, India Karnataka India
(72)**Name of Inventor :**
1)SANDEEP GOPAL SHETTY
2)FAIZ AHMAD BHAT
3)STANLY SELVA KUMAR G S

(57) Abstract :
ABSTRACT AN ORTHODONTIC BRACKET The present disclosure relates to the field of orthodontic appliances. The present disclosure envisages an orthodontic bracket (100). The bracket (100) comprises a base plate (102), a face plate (104), and a plurality of wings (103). The base plate (102) is configured to be fastened to the front portion of each tooth. The face plate (104) is configured to be coupled to operative front surface of each base plate (104) via a plurality of biasing elements (108) and fasteners (106). Each of the wings (103) has a slot (110) to receive an arch wire therein. The face plate (104) is configured to be adjusted manually by either tightening or loosening of the fasteners (106) to compress or decompress each of the biasing elements (108) and adjust the force applied by the arch wire to facilitate desired rotation of the tooth to align and straighten each tooth.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2019

(21) Application No.201941008140 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : COCRYSTAL OF ROXADUSTAT

(51) International classification	:C07D 217/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Mylan Laboratories Ltd
Address of Applicant :Mylan Laboratories Ltd, Plot No 564/A/22, Road No 92, Jubilee Hills, Hyderabad 500033, India Telangana India
(72)**Name of Inventor :**
1)Ramakoteswara rao Jetti
2)Ramamohana Rao Golivi
3)Sureshbabu Jayachandra

(57) Abstract :
Co-crystal of Roxadustat • The present invention relates to Co-crystal of Roxadustat with proline and its preparation thereof.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2019
(21) Application No.201941008171 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR IRAT RE-ESTABLISHMENT AND RESUME

(51) International classification	:H04W 36/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Samsung Electronics Co., Ltd.
Address of Applicant :129,Samsung-ro, Yeongtong-gu, Suwonsi, Gyeonggi-do, 443-742. Republic of Korea
(72)**Name of Inventor :**
1)Mangesh Abhimanyu Ingale
2)Fasil Abdul Latheef

(57) Abstract :
ABSTRACT IRAT RRC re-establishment procedure and IRAT resume procedure • Embodiments herein achieve a method for handling a RLF in a wireless communication system (1000) by a UE (100). The method includes detecting the RLF at the UE (100) associated with a first cell that is associated with a first RAT. Further, the method includes selecting a second cell, associated with a second RAT, by performing a cell selection procedure. Further, the method includes detecting that a 5GC is connected. Further, the method includes determining whether a timer (140) is running in the UE (100). Further, the method includes performing an IRAT RRC re-establishment procedure on the second cell when the RLF is occurred on the first cell associated with the first RAT in response to determining that the timer (140) is running in the UE (100) FIG. 12

No. of Pages : 87 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2019

(21) Application No.201941008199 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AUTOMOBILE CLEANING

(51) International classification	:B60S 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MURTHY, Prashanth Srinivas
Address of Applicant :PRIDE SPRINGFIELDS, FLAT NO B 402, BEGONIA-A, GUBALLALA, SUBRAMANYAPURA POST, BANGALORE 560061, India Karnataka India
(72)**Name of Inventor :**
1)MURTHY, Prashanth Srinivas

(57) Abstract :
AS ATTACHED

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019
(21) Application No.201941017105 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : DISCOVERY OF A VARIABLE SPEED ELECTROMAGNETIC PROPULSION SYSTEM USING LASER BASED TIMER

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Amrith Mariappan
Address of Applicant :5, GK Moopanar, 2nd Cross Street , Peerkankaranai, West Tambaram,Chennai 600 063,Tamil Nadu,India. Tamil Nadu India
(72)**Name of Inventor :**
1)Amrith Mariappan
2)Ajith Sukumaran
3)Thianesh UK
4)Dr.V R Sanal Kumar

(57) Abstract :
Although numerous models of aerial-robots/drones and planet landers have been demonstrated to fly autonomously in natural and manmade environments for far-reaching scientific and technological change to help humankind, no drone flown yet with a dual-head electromagnetic power system (EPS) ensuring unrestricted flight endurance. Here we disclosed a proof of concept to demonstrate the capability of a newly invented variable speed propulsion and energy conversion device integrated with EPS for generating uninterruptedly the reciprocating motion of a magnetic-piston by a lunar driven polarity-changer-timing-circuit together a laser-based-timing-circuit (LBTC) for redundancy. The reciprocating crusade of the magnetic piston is successfully converted into rotary motion for generating continuous power for various multidisciplinary applications in Earth and the other planets from yocto to yotta scale systems, in lieu of long-lasting rechargeable batteries. The proposed concept can also be invoked for nanomaterial-enabled locomotive applications lucratively. The EPS integrated drones are more useful during the natural calamity.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019
(21) Application No.201941017106 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A LUCRATIVE METHOD TO RECYCLING SPACE DEBRIS INTO FUELS FOR CHEMICAL PROPULSION

(51) International classification	:H01M0010440000, G11B0017049000, G03G0015080000, A24D0003060000, B65D0006220000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AMRITH MARIAPPAN
Address of Applicant :5, GK MOOPANAR, 2DD CROSS STREET, PEERKANKARANAI, WEST TAMBARAM, CHENNAI Tamil Nadu India
(72)**Name of Inventor :**
1)AMRITH MARIAPPAN
2)Dr. VR SANAL KUMAR

(57) Abstract :
In this patent we disclosed the theoretical proof of the concept of a lucrative space debris recycling system in the International Space Station (ISS) for various bids. A specially designed broom is adapted to collect the space debris of various sizes. An optical sorting method is devised for the debris segregation by creating an artificial gravitational field. An induction furnace is facilitated for converting the segregated metal-scrap into liquid metal. A fuel-cell aided water atomization method is designed for transforming the liquid debris into metal powder. The metal powders obtained from the space debris is aimed for producing solid propellants and silicon powder is for making artificial soil for fostering the pharmaceutical-flora in the ISS for the scarce-drug discoveries for high-endurance health care management. The proposed energy conversion system is a possible alternative for the space debris extenuation and its real applications in orbiting laboratories for the benefits to humanity.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941017908 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : INVENTORY MANAGEMENT OF ITEMS PLACED IN CONTAINER, WHICH ARE FURTHER PLACED IN AN ASSEMBLY UNIT

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Krishna Kishore Gururaj
Address of Applicant :Shri Rama Dhama, #G-03, Sri Sai Keerthi Residency, Plot 105-106, 3rd Cross, Sunshine Layout, TC Palya, Bengaluru 560036 Karnataka India
(72)**Name of Inventor :**
1)Krishna Kishore Gururaj

(57) Abstract :
An Inventory management system (1) is disclosed, comprising shelves (2) having location sensors 5 (3) placed at predefined distance (4) w.r.t each other through out length (5) of the shelf (2). The location sensors (3) are configured with location parameter (6), and senses container identification (7) of container (8). Containers (8) comprise container identification (7) configured to containers (8). The container identification (7) is sensed by location sensor (3) when container (8) is placed over location sensor (3) on shelf (2). A memory unit (10) stores mapping (11) between container 10 identification (7) and content identification (12) identifying content placed in container (8). A processing unit (13) receives container identification (7) from location sensor (3) along with location parameter (6), and fetches mapping (11) and match container identification (7), and determines content related information (14) pertaining to placement of content at particular location. 15 Fig. 1 is a representative figure.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941017909 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : INVENTORY MONITORING AND MANAGEMENT SYSTEM

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Krishna Kishore Gururaj
Address of Applicant :Shri Rama Dhama, #G-03, Sri Sai Keerthi Residency, Plot 105-106, 3rd Cross, Sunshine Layout, TC Palya, Bengaluru Karnataka India
(72)**Name of Inventor :**
1)Krishna Kishore Gururaj

(57) Abstract :
An inventory management system is disclosed, wherein each item is placed in separate containers (2). The system (1) includes shelves (3) configured to accommodate containers (2), wherein each container (2) is configured with an identification (4). An identification sensor (5) is physically coupled to the shelves and adapted to sense the identification (4), and to generate an identification value (6). Weight sensors (7) are configured to each of the shelves (3), and adapted to measure 10 weight related to containers on the shelf (3), and adapted to generate sensor weight data (8). A first processing module (9) receives and processes the identification value (6) and the sensor weight data (8), and to determine a quantity (10) or a change in quantity (11) of content in one or more of the containers (2). The quantity relates to weight of the content, volume of the content, density of the content or combination thereof. 15 Fig. 1 & 2 is a representative figure.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941017910 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A DISPOSABLE DIAGNOSTIC KIT FOR ACCURATE DIAGNOSIS OF INFECTIONS

(51) International classification	:C07K0014350000, C12Q0001689000, A61K0031496000, G01N0021640000, G01N0033569000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)A DISPOSABLE DIAGNOSTIC KIT FOR ACCURATE DIAGNOSIS OF INFECTIONS
Address of Applicant :96 A, Sreekrishna, Attoor, Po. Mullurkara, THRISSUR, Thrissur Kerala India
(72)**Name of Inventor :**
1)Dr. Nirupa Vyas
2)Sandeep David
3)Dr. Jaymesh Thadani

(57) Abstract :
TITLE: A DISPOSABLE DIAGNOSTIC KIT FOR ACCURATE DIAGNOSIS OF INFECTIONS. ABSTRACT: A disposable diagnostic kit for accurate diagnosis of infections. More particularly the present invention relates to a strip for one step rapid and simultaneous detection of bacterial infection. Further the present invention relates to the method of qualitative as well as quantitative analysis of analyte is sample. The present invention further relates to the strip for qualitative and quantitative analysis of bacterial infection by simultaneous detection of C-Reactive protein and Procalcitonin (PCT) and method of preparation thereof.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019
(21) Application No.201941035963 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND SYSTEM FOR 3D PRINTING OF A STRUCTURE USING BIM DATA

(51) International classification	:G06F0017500000, G06F0003120000, G06Q0050080000, B29C0064386000, G06Q0010000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Tvasta Manufacturing Solutions Pvt. Ltd.
Address of Applicant :SF1, Raksha Paradise, No. 32, Industrial Town, 4th Stage, 4th Main, Rajaji Nagar, Bengaluru - 560010, Karnataka, India Karnataka India
(72)**Name of Inventor :**
1)Pragadeeswar
2)Santhosh Kumar

(57) Abstract :
METHOD AND SYSTEM FOR 3D PRINTING OF A STRUCTURE USING BIM DATA ABSTRACT Embodiments of present disclosure relates to a method and system for 3D printing of a structure using BIM data. Initially, BIM data associated with a structure to be constructed using a 3D printer is received. One or more parameters related to the structure from the BIM data is extracted. Upon extraction, model data for controlling operation of the 3D printer is generated based on the one or more parameters. The model data is providing to the 3D printer for performing the 3D printing of the structure. By such integration of the BIM data with the 3D printing, automated and accurate 3D printing may be achieved with minimal manual intervention. Figure 4

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941040349 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : EAR-WEARABLE DEVICE AND OPERATION THEREOF

(51) International classification	:A61B0005024000, A61M0005168000, G06F0016640000, A61B0005010000, G16H0050200000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NT Labs Pvt Ltd
Address of Applicant :Kalyan, Madappally College P.O., Vadakara Kerala India
(72)**Name of Inventor :**
1)VASANTH, Nitin

(57) Abstract :
The present invention relates to an ear-wearable device (100) comprising: a plurality of neuro-buds (100a), each neuro-bud (100a) comprising: a housing (102), a hub (104) disposed in the housing (102), a plurality of springs (2, 2a-2h) disposed on the hub (104), and a biosensor electrode (1, 1a-1h) disposed on each spring (2, 2a-2h) and adapted to be in contact with an ear canal for detecting at least one physiological parameter of a user, wherein the plurality of springs (2, 2a-2h) are adapted to expand for extending the biosensor electrode (1, 1a-1h) to establish contact with the ear canal and to contract for retracting the biosensor electrode (1, 1a-1h) to break the contact; and a controller (100, 300) in communication with the biosensor electrode (1, 1a-1h) and adapted to: receive at least one value of the at least one physiological parameter detected by the biosensor electrode (1, 1a-1h), and generate health insights of the user based on the at least one physiological parameter.

No. of Pages : 40 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019

(21) Application No.201941043856 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR CHANNEL ESTIMATION AND RELAY SELECTION

(51) International classification	:H04L0025020000, H04W0088040000, G05B0013020000, H02H0003360000, G05B0017020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
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(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)C. EZHILAZHAGAN
Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, DR. NGP INSTITUTE OF TECHNOLOGY, DR. NGP NAGAR, KALAPATTI ROAD, COIMBATORE-641048. Tamil Nadu India
2)K. LAKSHMI PRABHA
(72)**Name of Inventor :**
1)C. EZHILAZHAGAN
2)K. LAKSHMI PRABHA
3)DR.M.RAMAKRISHNAN

(57) Abstract :
ABSTRACT In MIMO, co-operative communication is performed with the help of N-no of relays [103] between sources [101] and destinations [104]. So the selection of relay for reliable communication is a challenging task. Such relay selection is done through channel estimator [108]. In this invention, the channel estimation is done by considering three different input parameters [105] such as SNR, Co-operative Gain and Channel gain which are calculated using their corresponding formulas. The possibility of combining all such input parameters [105] in selecting the relays are given as inputs to the channel estimator [108] and the estimation is done by applying certain rules under Fuzzy Logic Controller (FLC) and Artificial Neural Network (ANN). Finally, a suitable relay is selected for data transfer. The output is analyzed by its throughput value for different values of input SNR.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019

(21) Application No.201941043881 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : REMOTE ELECTRONIC TILT BASE STATION ANTENNAS HAVING ADJUSTABLE RET ROD SUPPORTS •

(51) International classification	:H01Q0001240000, H01Q0003000000, H01Q0003320000, A01K0097100000, H01P0001180000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)COMMSCOPE TECHNOLOGIES LLC
Address of Applicant :1100, CommScope Place SE, Hickory, North Carolina 28602, United States of America U.S.A.
(72)**Name of Inventor :**
1)SHITAL UDAGAVE

(57) Abstract :
REMOTE ELECTRONIC TILT BASE STATION ANTENNAS HAVING ADJUSTABLE RET ROD SUPPORTS A base station antenna includes a remote electronic tilt (RET) actuator, a phase shifter having a moveable element and a mechanical linkage extending between the RET actuator and the phase shifter. The mechanical linkage includes a RET rod. An adjustable RET rod support includes a base member and an adjustable member, the adjustable member has a RET rod holder and is movably mounted to the base member.

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019

(21) Application No.201941043883 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : VALIDATION OF LOG FILES USING BLOCKCHAIN SYSTEM

(51) International classification	:H04L0009320000, G06F0011340000, G06Q0020380000, G06F0016270000, G06F0016230000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HEWLETT PACKARD ENTERPRISE DEVELOPMENT LP
Address of Applicant :11445 Compaq Center Drive West, Houston, Texas 77070, United States of America U.S.A.
(72)**Name of Inventor :**
1)KANNAN, Rajkumar
2)MURTHY, Aruna Srinivasa

(57) Abstract :
Examples include a blockchain system for managing and validating log files generated corresponding to transactions of a plurality of computing resources. Some examples include creating a block, in the blockchain system, corresponding to a log file generated corresponding to a transaction of a computing resource of the plurality of computing resources. Some examples include performing checksum validation of log files generated corresponding to transactions of a plurality of computing resources, using a blockchain system. FIG. 1

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019

(21) Application No.201941043888 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHODS AND APPARATUS FOR DETERMINING LOW LATENCY NETWORK CONNECTIVITY IN COMPUTING SYSTEMS

(51) International classification	:H04L0029080000, H04W0052360000, H04N0019130000, H04B0003520000, H04N0021435000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VMWARE, INC.
Address of Applicant :3401 Hillview Avenue, Palo Alto, California U.S.A.
(72)**Name of Inventor :**
1)SIDDARTHA LAXMAN KARIBHIMANVAR
2)KARTHIK SESHADRI
3)RACHIL CHANDRAN
4)AKASH SRIVASTAVA
5)SHRISHA CHANDRASHEKAR

(57) Abstract :
An example apparatus comprises a variable determiner to: parse a plurality of network command responses from a first data collector agent and from a second data collector agent; initialize a value for network connectivity parameters corresponding to the network command responses, the value corresponding to the parsed plurality of network command responses; and assign weighted values to the network connectivity parameters; a connectivity analyzer to determine a first network connectivity factor for the first data collector agent and a second network connectivity factor for the second data collector agent; and a recommender system to: determine whether the first network connectivity factor is a smaller value than the second network connectivity factor; and when the first network connectivity factor is the smaller value, initiate the first data collector agent corresponding to the first network connectivity factor to begin collecting data. [FIG. 1]

No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019

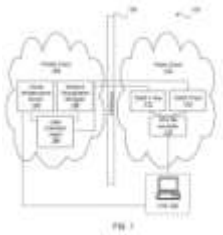
(21) Application No.201941043892 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHODS AND APPARATUS TO PROVIDE A CUSTOM INSTALLABLE OPEN VIRTUALIZATION APPLICATION FILE FOR ON-PREMISE INSTALLATION VIA THE CLOUD

(51) International classification	:H04L0029080000, G06F0009455000, G06F0009500000, H04L0029120000, H04W0004020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VMWARE, INC.
Address of Applicant :3401 Hillview Avenue, Palo Alto, California USA U.S.A.
(72)**Name of Inventor :**
1)RACHIL CHANDRAN
2)KARTHIK SESHADRI
3)AKASH SRIVASTAVA
4)SIDDARTHA LAXMAN KARIBHIMANVAR
5)SIVARAJ M

(57) Abstract :
Methods, apparatus, systems and articles of manufacture to provide a custom installable open virtualization application file for on-premise installation via the cloud are disclosed. An example apparatus includes a resource processor to determine a resource capacity for an agent in a private cloud network; a file manipulator to modify an open virtualization appliance (OVA) file by modifying a descriptor file of the OVA file to configure the resource capacity for the agent in the private cloud network, the OVA file being deployed in a public cloud network; and a first interface to transmit an indication to a location of the modified OVA file to a user device, the location of the modified OVA file being the same location as the OVA file.



No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019
(21) Application No.201941043899 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND SYSTEM FOR TRIGGERING AN EVENT IN A VEHICLE

(51) International classification	:G06F0003010000, G06F0003048800, G06F0003160000, G06K0009000000, G06F0003048400
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Daimler AG
Address of Applicant :70546, Stuttgart, Germany Germany
(72)**Name of Inventor :**
1)Dr. Shuaib Ahmed
2)Vikram Gupta
3)Sai Kumar Dwivedi
4)Arjun Jain

(57) Abstract :
[0089] ABSTRACT METHOD AND SYSTEM FOR TRIGGERING AN EVENT IN A VEHICLE Embodiments of present disclosure relates to a method and system for triggering an event in a vehicle, using a hand gesture. Initially, sequence of frames of a video captured for a gesture associated with a hand of a user in a vehicle, is received. Spatio-temporal features are extracted from the sequence of frames using a spatio-temporal encoder. A gesture progression and a gesture class associated to each of the sequence of frames are predicted in a sequential manner, based on the spatio-temporal features. Upon predicting the gesture progression and the gesture class for each of the sequence of frames, the gesture progression and the gesture class of corresponding frame are identified to be associated with a predefined hand gesture. An event in the vehicle is triggered based on the predefined hand gesture, upon the identification. Figure 4a Dated this day of 1st day of August, 2019 GOPINATH ARENUR SHANKARARAJ IN/PA-1852 Agent for the Applicant

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019

(21) Application No.201941043982 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND SYSTEM FOR INDICATING RE-FILLING OF WASHER FLUID IN A RESERVOIR OF A VEHICLE

(51) International classification	:B60S0001480000, B60S0001500000, B60R0016023000, B60T0017220000, G01F0023000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Daimler AG
Address of Applicant :Stuttgart, 70546 Germany
(72)**Name of Inventor :**
1)Rahul Manekar
2)Marc-Daniel Jung
3)Pazhanisamy Murugaian
4)Arun Krishnamurthy
5)Harish Ramachandrappa
6)Vignesh Venkatesan
7)Govindarajan Perumal
8)Venugopal Reddi

(57) Abstract :
[065] The present disclosure relates to method and system (100) for indicating re-filling of washer fluid in a reservoir (101) of a vehicle (102). The method includes receiving by an Electronic Control Unit (ECU) (103) of the vehicle, signals corresponding to level of the washer fluid in the reservoir through one or more sensors (104) associated with the reservoir. The method further includes indicating, by an indication unit (105) interfaced with the ECU, the level of the washer fluid in the reservoir on a surface external to interior of the vehicle based on the signals received by the ECU. By providing indication of the level of the washer fluid in the reservoir, leakage and any damages as a result of leakage is prevented. FIG.2

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

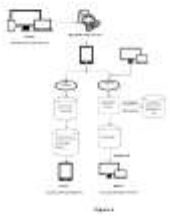
(21) Application No.201941044027 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A SYSTEM AND METHOD OF CONNECTING AND DISPLAYING A VIRTUALLY COLLABORATED, MULTI-LAYERED DIGITAL DOCUMENT

(51) International classification	:H04L0029080000, H04L0029060000, G09B0007000000, G06F0003048100, G06F0016410000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Sarath Kakumanu
Address of Applicant :KPOST SOFTWARE PVT LTD, GREENWAYS TOWER (II FLOOR) 119, ST. MARY™S RD, ABHIRAMAPURAM, MANDAVELI, CHENNAI- 600018 TAMILNADU, INDIA Tamil Nadu India
(72)**Name of Inventor :**
1)Sarath Kakumanu

(57) Abstract :
A system and method of connecting and displaying a virtually collaborated, multi-layered digital document, having multi-layers of text and audio-visual reference materials is done in a systematic method. The method comprises the steps of storing the digital document having a multiple (plurality of different content layers) layers associated with different sources and receiving a user input for displaying content. The digital document can be displayed on a user device both in online and offline mode and the digital document comprises of multiple (a plurality of) hyperlinks in every layer of the said document, the hyperlinks routes to multiple layers of the document relating to different images or videos or animated videos. (of the user input for displaying a content having a specified content difficulty level). These supporting materials have been added with a purpose of providing comprehensive learning resources to cater the needs of various kinds of students. The interactive, digital textbook is designed in such a manner that will work with or without internet connectivity. The online mode is connected with database servers, web servers, routers and other cables to smoothly sync the server data from both ends: that is content creators and users. Packed with multiple layers of learning materials, this system assures an effective learning experience to its users.



No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044031 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND SYSTEM FOR DETECTING INTRUSION IN FIELD BUS NETWORK USING PACKET INSPECTION

(51) International classification	:H04L0029060000, H04L0009320000, H04L0009060000, H04L0012400000, G08B0013240000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Daimler AG
Address of Applicant :70546, Stuttgart, Germany Germany
(72)**Name of Inventor :**
1)Chandrasekhar Potluri
2)Andreas Krueger

(57) Abstract :
The present disclosure relates to method and system for detecting intrusion in a field-bus network using packet inspection. In a network comprising a plurality of nodes, an Intrusion Detection System (IDS) 103 is configured in each of the plurality of nodes. The IDS 103 in a sender node, configured in a transmission mode, receives at least one message signal. A hash function is performed on at least one message signal 205 for generating a first signal hash value 404E. Further, packet inspection data is generated by performing an encryption using one or more details associated with the at least one message signal and an intrusion detection status. The packet inspection data along with the first signal hash value 404E and the message signal 205 is sent to the receiver. The receiver node decrypts the packet inspection data and generates a reference signal hash value using the received message signal. The first signal hash value 404E and the reference signal hash value are compared to detect the intrusion. Figure 2 Dated: this 31st day of October, 2019 Gopinath Arenur Shankararaj Agent for the applicant Regn no: IN/PA 1852

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044049 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD, SYSTEM AND DEVICE FOR PROCESSING AND SORTING WORDS WITH RENDERING PLURALITY IN A REGIONAL LANGUAGE

(51) International classification	:G06F0017280000, G06F0017270000, G06F0017220000, G06F0017210000, H01L0041113000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)R.V. College of Engineering
Address of Applicant :R. V. Vidyaniketan Post, Mysore Road, Bangalore 560059 Karnataka India
(72)**Name of Inventor :**
1)Rajashekara Murthy S
2)Ramakanthkumar P

(57) Abstract :
METHOD, SYSTEM AND DEVICE FOR PROCESSING AND SORTING WORDS WITH RENDERING PLURALITY IN A REGIONAL LANGUAGE ABSTRACT A method (300) of sorting plurality of words in a regional language comprising providing (302) an input string with plurality of words in a first language, detecting (304) the first language of the plurality of words in the input string, fetching (306) characters from each word in the plurality of words, transforming (308) the characters into an intermediate form by determining speech patterns and representing them in a second language, sorting (310) the plurality of words in the intermediate form represented in the second language, converting (312) the intermediate forms of the sorted words in the second language to their original form in the first language and obtaining (314) the sorted list of words in at least one of ascending or descending order, wherein the first language of the words in the input string is any known regional language while the second language in which the intermediate forms are represented is by characters in English alphabet.

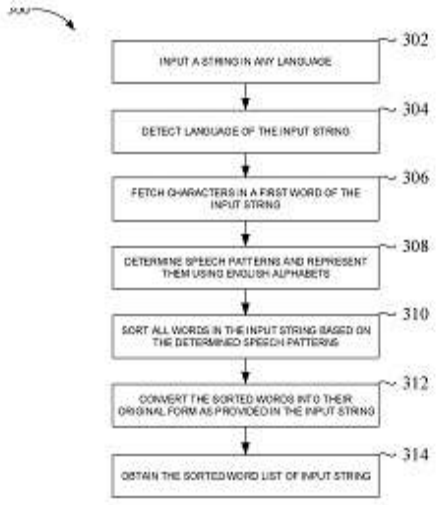


FIG. 3A

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

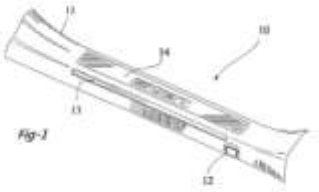
(21) Application No.201941044050 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : MULTI-LIGHT VEHICLE DOORSILL LIGHTENING DEVICE

(51) International classification	:B60Q0001260000, B60Q0003800000, G09G0003340000, H05B0041282000, A61Q0019020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HON YU AUTO PARTS CO., LTD.
Address of Applicant :NO.329-2, FUDE 2ND RD., XIZHI DIST., NEW TAIPEI CITY 22152, TAIWAN
(72)**Name of Inventor :**
1)Yin-Teng HSIAO

(57) Abstract :
A multi-light vehicle doorsill lightening device mainly includes multi-light doorsill lightening assembly installable on a vehicle doorsill, a control unit, and an input unit. The multi-light doorsill lightening assembly has multiple lightening parts of a cabin floor light, a night-mood light bar, and a lightening sign, etc. and has the capability of adjusting the on/off status, the selection of light, and the luminance of the multiple lightening parts, through opening/closing the door of the vehicle, switching the main/secondary driving lights or interior light of the vehicle or through a light adjusting controller. Fig1.



No. of Pages : 12 No. of Claims : 6

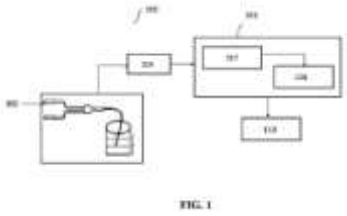
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019
(21) Application No.201941044058 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN SYETEM FOR ANALYZING MILK COMPOSITION BY A REFLECTION PROBE

(51) International classification	:G01N0033040000, G01N0021359000, A61B0005000000, G01N0021470000, A01J0005013000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Robert Bosch Engineering and Business Solutions Private Limited
Address of Applicant :123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, India Karnataka India
2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)Tony Francis
2)Meghana Shankara
3)Hanoona Abdul Rasheed
4)Dona Joy

(57) Abstract :
AN SYETEM FOR ANALYZING MILK COMPOSITION BY A REFLECTION PROBE ABSTRACT A system 100 for determining quality of at least one test milk sample, is provided. The system 100 includes a near-infrared probe 102 configured to transmit a light into the at least one test milk sample emitted via an infrared light source. Further, the system 100 includes a near-infrared detector 104 communicatively coupled with the near-infrared probe 102. The near-infrared detector 104 is configured to receive a reflected light from the at least one test milk sample and perform spectral analysis of the received reflected light to determine reflectance spectra of the at least one test milk sample. Furthermore, the system 100 includes a processing module 104 in communication with a near-infrared detector 104 configured to process the reflectance spectra for conducting quality assessment of the at least one test milk sample. The processing module 104 includes analysis module 107 configured to receive the reflectance spectra and analyses the reflectance spectra in order to determine quantities of milk components of the at least one test milk sample. The processing module 104 further includes an estimation module 108 configured to estimate quality parameters of the test milk sample using the using a deep learning model, based on the determined quantities of milk components. Furthermore, the system 100 includes a display unit 106 configured to display the quality parameters of the test milk sample. Fig 1.



No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

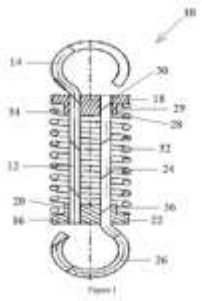
(21) Application No.201941044059 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A COMPRESSION SPRING FOR A HIGH PRESSURE FUEL PUMP

(51) International classification	:F16F0001020000, F04B0011000000, H01R0031060000, F02M0059440000, E21B0017040000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Bosch Limited
Address of Applicant :Post Box No 3000, Hosur Road, Adugodi, Bangalore 560030, Karnataka, India Karnataka India
2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)Balasakthivel Kamaraj

(57) Abstract :
ABSTRACT A compression spring 10 for a high pressure fuel pump is described. The compression spring 10 comprises a first portion 12 comprising a first hooked portion 14 at one end and a plurality of first screw threads 16 defined at an opposite second end, wherein the first portion 12 is inserted through a bore defined in a first plate 18 and screwed on to screw threads 20 defined in a second plate 22. A second portion 24 comprising a second hooked portion 26 at one end and a plurality of second screw threads 28 defined at an opposite second end, wherein the second portion is inserted through a bore defined in the second plate 22 and screwed on to screw threads 30 defined in the first plate 18. A plurality of spring elements 32 is secured between the first hooked portion 14 and the second hooked portion 26. Fig 1.



No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044060 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A DEVICE TO REGULATE A TEMPERATURE OF A COOLANT IN AN ENGINE

(51) International classification	:G01F0001660000, F01P0007160000, F04B0051000000, F01P0007040000, F24F0011840000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Bosch Limited
Address of Applicant :Post Box No 3000, Hosur Road, Adugodi, Bangalore 560030, Karnataka, India Karnataka India
2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)Prashanth Kumar
2)Chandrashekhar Raju
3)Shailesh Ramesh Karkera
4)Rajendra kumar Jagadeesh
5)Dinesh kumar Shamanna
6)Ashok Manu Krishna

(57) Abstract :
ABSTRACT A device to regulate a coolant temperature of an engine in a vehicle The device 10 comprises a flow meter 14 connected in fluid communication between with a heat exchanger 16 and a coolant unit 18. The device 10 comprises at least one valve 20 positioned in proximity to the flow meter 14. The device 10 further comprises a control unit 22 connected to the flow meter 14 and the at least one valve 20. The control unit 22 adapted to determine a flow rate of the coolant by operating the at least one valve 20 and to regulate the coolant temperature when determined flow rate is less than a predefined threshold value.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044061 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A SYSTEM, DEVICE AND METHOD TO ENABLE VEHICLE FUNCTIONS IN AN EVENT OF CONNECTIVITY LOSS

(51) International classification	:H04N0019590000, G08G0001160000, B60L0003000000, B60W0030120000, H04N0019800000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Robert Bosch Engineering and Business Solutions Private Limited
Address of Applicant :123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, India Karnataka India
2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)Sumanth Sudeendra
2)Stefan Andreas Pitzer
3)Norman Wulf
4)Vishal Ulhas Gurav
5)Marco Jakob Di Filippo
6)Mona Teresa Jurtz
7)Florian Trautwein

(57) Abstract :
A SYSTEM, DEVICE AND METHOD TO ENABLE VEHICLE FUNCTIONS IN AN EVENT OF CONNECTIVITY LOSS
Abstract The system 100 comprises a server 102 and an ECU 110 of a host vehicle 106. The server 102 configured to detect a current location of the host vehicle 106 and identify a first cell B2 in a grid map 120 through the signal received from the ECU 110. The server 102 then transmits value of at least one parameter corresponding to the first cell B2 to the ECU 110. The server 102 further adapted to transmit value of the at least one parameter for at least one second cell C3 adjacent to the first cell B2, where the second cell neighbors the first cell B2. The ECU 110 performs the at least one vehicle function in the second cell C3 by using a corresponding obtained value when a loss of connection is detected between the host vehicle 106 and the server 102 in the second cell C3.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044062 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A DEVICE AND METHOD TO DETERMINE A SWIM METRIC

(51) International classification	:A63B0071060000, A63B0033000000, B60T0008171000, A63B0069120000, A63B0024000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Robert Bosch Engineering and Business Solutions Private Limited
Address of Applicant :123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, India Karnataka India
2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)Sujith Cherukuri
2)Senthilmurugan Sengottuvelan

(57) Abstract :
A DEVICE AND METHOD TO DETERMINE A SWIM METRIC Abstract The device 100 comprises at least one accelerometer 120, and a controller 110 receiving input signals from the at least one accelerometer 120. The controller 110 configured to filter stroke characteristics from the input signal using a filter module 102. The controller 110 then applies a first statistical module 104 on the filtered signal and obtains a first output signal. Due to the first statistical module 104, the first output signal is obtained, which is agnostic to type of swim stroke employed by the swimmer. The controller 110 then determines the swim metric based on the first output signal and an adaptive threshold value. The swim metric is lap completion or lap count or turn event, during swimming by a swimmer. The device 100 consumes less power and also agnostic to swim styles and turn styles employed by swimmers. (Figure 1)

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019
(21) Application No.201941044063 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN AIR QUALITY MONITORING DEVICE AND AN ASSEMBLY TO REGULATE TEMPERATURE OF ELECTROCHEMICAL SENSORS THEREIN

(51) International classification	:G01N0033000000, G01N0033497000, G06F0016215000, B82Y0015000000, G01N0027407000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Robert Bosch Engineering and Business Solutions Private Limited
Address of Applicant :123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, India Karnataka India
2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)Kumaran Mohankumar
2)Ravi Shankar Balaraju

(57) Abstract :
AN AIR QUALITY MONITORING DEVICE AND AN ASSEMBLY TO REGULATE TEMPERATURE OF ELECTROCHEMICAL SENSORS THEREIN Abstract The air quality monitoring device 100 is shown with one side open. The device 100 comprises a housing 102. The housing 102 encloses at least one electrochemical sensor 104 which senses presence of corresponding gas in atmosphere. A controller 120 in electronic communication with the at least one electrochemical sensor 104. The controller 120 adapted to process the measurements from the at least one electrochemical sensor 104. The device 100 is characterized by, the at least one electrochemical sensor 104 protrudes out from a base surface 116 of the housing 102 and exposed to the atmosphere. In an embodiment, the base surface 116 faces towards the ground. In another embodiment, the base surface 116 is a side surface or top surface of the housing 102. The assembly 110 is able to maintain the optimum temperature and thereby improves the data quality. (Figure 1)

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019
(21) Application No.201941044064 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A SYSTEM FOR IDENTIFYING A NOISE SOURCE WITHIN A VEHICLE

(51) International classification	:G10K0011178000, G10L0021020800, H04R0001400000, H04R0003120000, G01S0007497000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Robert Bosch Engineering and Business Solutions Private Limited
Address of Applicant :123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, India Karnataka India
2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)Ganesh Ramakrishnan Iyer
2)Guruthangaraj Radhakrishnan
3)Karthik Gandiban
4)Srinivas Ramachandra

(57) Abstract :
A SYSTEM FOR IDENTIFYING A NOISE SOURCE WITHIN A VEHICLE ABSTRACT A system 100 for identifying a noise source within a vehicle, is provided. The system 100 includes an acquisition module 102 configured to acquire real-time noise within the vehicle, at different frequencies and pre-process the noise to generate output pre-processed noise signal related to the acquired noise. Further, the system 100 includes a beam former 104 configured to generate a plurality of beams based on analog signals converted from the noise by the plurality of components in the vehicle and identify a beam having the highest intensity among the plurality of beams to select one beam, and outputting noise signal corresponding to the identified beam. Furthermore the system 100 includes a processing module 106 communicatively coupled with the acquisition module 102 and beam former 104 and configured to receive and process, pre-processed noise signal from the acquisition module 102, noise signal corresponding to the identified beam from the beam former 104 and a plurality of historic noise data 108 from plurality of vehicles, to determine a noise source associated with the noise coming from within the vehicle by correlating the outputs from the acquisition module 102, beam former 104 and plurality of historic noise data 108, using a deep learning model. (Figure 1)

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044065 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN EXHAUST GAS SYSTEM

(51) International classification	:F01N0003280000, F01N0013000000, F01N0003022000, F01N0005020000, F02D0041140000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Robert Bosch Engineering and Business Solutions Private Limited
Address of Applicant :123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, India Karnataka India
2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)Annamalai Annamalai
2)Vinod Devaraj

(57) Abstract :
AN EXHAUST GAS SYSTEM ABSTRACT An exhaust gas system (100) for an engine of a vehicle, is provided. The system (100) includes an exhaust manifold coupled with an exhaust pipe (102), the exhaust pipe (102) includes a housing defining an inlet end and an outlet end. The system (100) further includes a catalytic converter (104) disposed in inlet end of the exhaust pipe (102) and a muffler component (106) disposed in the outlet end. Furthermore, the exhaust gas system (100) includes a pressure sensor (108) disposed at inlet of the catalytic converter (104) and/or inlet of the muffler component (106) based on the requirement of the engine. The pressure sensor (108) is adapted to determine the backpressure value of exhaust gases during the engine operation. The pressure sensor (108) further adapted to send the determined the backpressure value of exhaust gases during the engine operation, to an electronic control unit (110) configured to compare the determined backpressure of exhaust gases to a threshold backpressure value of exhaust gases for different engine speeds and loads, in the exhaust gas system (100). (Figure 1)

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019
(21) Application No.201941044066 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A RETROFIT DEVICE FOR A POWER TOOL

(51) International classification	:G05G0005030000, B25F0005020000, H02K0007140000, B25D0011100000, G03G0015010000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Robert Bosch Engineering and Business Solutions Private Limited
Address of Applicant :123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, India Karnataka India
2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)Vikranth Kambhaluru

(57) Abstract :
ABSTRACT A Retrofit device for a power tool The invention is a retrofit device 100 for a power tool. The retrofit device 100 comprises a shaft 101 having at least two profiles 101a, 101b and a movable member 102. The movable member 102 enclosing the shaft 101. The movable member 102 comprises at least one roller 103 corresponding to each profile 101a, 101b. The movable member 102 held in engagement with the shaft 101 through at least one roller 103 in a manner that the shaft 101 imparts reciprocating motion to the movable member 102 upon rotation.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044067 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A PLUNGER OF A HIGH PRESSURE FUEL PUMP

(51) International classification	:F02M0059440000, F02M0059060000, F02M0059360000, F02M0059100000, F02M0059460000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Bosch Limited
Address of Applicant :Post Box No 3000, Hosur Road, Adugodi, Bangalore 560030, Karnataka, India Karnataka India
2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)Ashwin Holenarasipura Kumaraswamy
2)Ashwin Shetty
3)Sharath Balyanda Das

(57) Abstract :
ABSTRACT A high pressure fuel pump 10 is described. The high pressure fuel pump 10 comprises a housing 12, and a plunger 14 positioned within a pumping chamber defined within the housing 12. The plunger 14 comprises a solid portion 16, and a first vertical groove 18 defined in the solid portion 16, the first vertical groove 18 adapted to channel pressurized fuel from the pumping chamber to an inlet portion of the high pressure fuel pump 10. A helical groove 20 is in flow communication with the first vertical groove 18, the helical groove 20 adapted to channel pressurized fuel that flows through the first vertical groove 18 to the inlet portion 16 of the high pressure fuel pump 10. A second vertical groove 22 is defined in the solid portion, the second vertical groove 22 extending from a top portion 16 of the plunger 14 to helical groove 20.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044068 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A YARD MANAGEMENT SYSTEM FOR AUTHENTICATING A USER TO OPERATE A VEHICLE

(51) International classification	:G06Q0010080000, G07C0009000000, G06Q0030060000, H04B0001716300, G06Q0020400000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Robert Bosch Engineering and Business Solutions Private Limited
Address of Applicant :123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, India Karnataka India
2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)Binu Mathews
2)Senthilnathan Dhamodharan
3)Rahul Polani
4)Shanmugarajan Gnanasekaran

(57) Abstract :
A YARD MANAGEMENT SYSTEM FOR AUTHENTICATING A USER TO OPERATE A VEHICLE ABSTRACT An authorization system 100 for authenticating a user to operate a vehicle in a yard, is provided. The authorization system 100 comprises a first set of ultra-wideband (UWB) tags 102, each one attached to one vehicle 106. Each of the ultra-wideband (UWB) tags 102 is configured to transmit a unique ID code associated with the vehicle 106. The authorization system 100 further comprises a second set of ultra-wideband (UWB) tags 104 each one assigned to one user 108 in the yard, each of the ultra-wideband (UWB) tags 104 configured to transmit a unique ID code associated with the user 108. Further, the authorization system 100 comprises a control unit 110 configured to receive the unique ID codes from each of first set of the ultra-wideband (UWB) tags 102 and second set of ultra-wideband (UWB) tags 104, and authenticate the user 108 in the yard to pick the intended vehicle 106 from the yard. The control unit further configured to send a message to a handheld device 107 of a user in the yard, a vehicle identification number (VIN), current location of the vehicle and drop location of the vehicle to said user 108 assigned to the vehicle associated with said VIN. (Figure 1)

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044075 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : MODIFICATION OF PETROL ENGINE TO OPERATE BY WATER AND AIR A METHOD AND THEREOF

(51) International classification	:G06Q0040000000, G06Q0030020000, G06F0009460000, C02F0003340000, H05K0003100000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Shri S. PARAMESVARAN
Address of Applicant :SECRETARY, EGS PILLAY GROUP OF INSTITUTION OLD NAGORE ROAD, THETHI VILLAGE, NAGAPATTINAM Tamil Nadu India
(72)**Name of Inventor :**
1)Dr. M.K. MISHRA

(57) Abstract :
The present invention is to introduce new fuel powered petrol engine used a modified simulated model by using the application of Natural Resources water and air as a fuel. And develop a new process operated system to use water and air as a fuel i.e. best utilization of power of the natural resources. Because these resources are freely available in our environment by this process it provides a path to utilize .Which can reduce the dependency from foreign countries on fuel products and save revenue and make the environment is clean which force to transition to a new system for the next century. The main benefit of this invention without disturbing the existing system miner modification will provide the great support to utilize the water as fuel

No. of Pages : 16 No. of Claims : 10

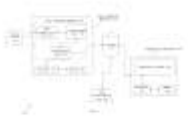
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019
(21) Application No.201941044124 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A SYSTEM AND A METHOD FOR MYOCARDIAL PERFORMANCE DETERMINATION

(51) International classification	:G06F0009500000, G06N0003040000, A61B0005000000, G06T0007000000, G06N0003080000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Turtle Shell Technologies Private Limited
Address of Applicant :587, First Floor, 9th A Main, Indiranagar 1st Stage, Bangalore 560038, India. Karnataka India
(72)**Name of Inventor :**
1)Gaurav Parchani
2)Mudit Dandwate

(57) Abstract :
A system 100 and method for myocardial performance determination is provided. The present invention provided for generating a first dataset representing a set of events associated with a pre-defined parameter of a biomarker extracted from physiological parameters of a subject. The set of events is determined by processing the pre-defined parameter at a first level and a second level of a multi-level artificial neural network architecture recursively for a pre¬defined number of times. Further, generating second dataset representing characteristics associated with the set of events by processing first dataset at third level and fourth level of multi-level artificial neural network architecture. Further, computing set of values associated with set of events by processing second dataset at fifth level of multi-level artificial neural network architecture. Further, computing myocardial performance index based on set of values. The myocardial performance index is representative of myocardial performance of the subject.



No. of Pages : 57 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044137 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : Method and system for MDAS assisted handover optimization in wireless network •

(51) International classification	:H04W0036000000, H04L0029080000, H04W0036080000, H04W0036320000, H04W0074000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Samsung Electronics Co., Ltd
Address of Applicant :House No. 129,Samsung-ro, Street Yeongtong-gu, Suwon-si, Gyeonggi-do City - State - Country Republic of Korea Pin code 443-742 Republic of Korea
(72)**Name of Inventor :**
1)Deepanshu Gautam
2)Fasil Abdul Latheef

(57) Abstract :
ABSTRACT Method and system for MDAS assisted handover optimization in wireless network • Accordingly, the embodiments herein provide a method for Management data analytic service (MDAS) server (100) assisted handover optimization in a wireless network (1000). The method includes periodically collecting data from a plurality of target gNBs in the wireless network (1000), and generating an analytical report for each target gNB (300) of the plurality of target gNBs based on the collected data. Further, the method includes receiving a request for the analytical report of the at least one target gNB (300) for handover from a source gNB (200), sending the analytical report to the source gNB (200). Further, the includes performing at least one corrective action suggested by the analytical report to optimize at least one target gNB (300) for handover. FIG. 2

No. of Pages : 41 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044142 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CHIMERIC PROTEINS FOR SELECTIVE LYSIS OF BACTERIA

(51) International classification	:C12N0001060000, A61K0038000000, A61K0031427000, C12N0015620000, C07D0417100000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)BACTOCLEAR HOLDINGS PTE. LTD
Address of Applicant :1 Robinson Road, #17 AIA Tower Singapore
(72)**Name of Inventor :**
1)AMBADY, Anisha
2)PAUL, Vivek Daniel
3)SARAVANAN, R. Sanjeev

(57) Abstract :
AS ATTACHED

No. of Pages : 46 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044161 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NON-INVASIVE NON-CONTACT METHOD FOR DETERMINING HYPERTENSION CONDITION

(51) International classification	:A61B0005000000, A61B0005022000, A61B0005010000, G01J0005000000, A61B0005024000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AARCA RESEARCH INC.
Address of Applicant :926 RAINBOW TRL, ORANGE, CT 06477, United States of America. U.S.A.
(72)**Name of Inventor :**
1)SHIVPURE, Sameer Raghuram
2)THIRUVENGADAM, Jayanthi
3)CHODA, Anuhya
4)CHODA, Gayathri

(57) Abstract :
System and method for measuring hypertension conditions of a subject is disclosed. The disclosed system and method includes thermal sensors for capturing thermal images and/or videos of a body part; and a processing engine to detect a predefined region of the body part in each frame of the captured images and/or videos. The processing engine segments one or more portions from the detected predefined region in each frame of the captured images and/or videos to identify a region of interest comprising arteries in the one or more segmented portions. Based on the identified region of interest, the engine extracts pixel values from each frame of the captured images and/or videos to determine parameters associated with a blood flow velocity and a blood pressure of the subject. Further a type of hypertension and a risk score for the hypertension condition based on the determined parameters using computational models are measured.

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019
(21) Application No.201941044162 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NON-INVASIVE NON-CONTACT METHOD FOR MEASURING DYSLIPIDEMIA CONDITION

(51) International classification	:A61B0005000000, A61B0005010000, A61B0005145500, G01J0005000000, G01J0005080000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AARCA RESEARCH INC.,
Address of Applicant :926 RAINBOW TRL, ORANGE, CT 06477, United States of America. U.S.A.
(72)**Name of Inventor :**
1)SHIVPURE, Sameer Raghuram
2)THIRUVENGADAM, Jayanthi
3)CHODA, Anuhya
4)CHODA, Gayathri

(57) Abstract :
System and method for measuring dyslipidemia condition of a subject using thermal imaging is disclosed. The disclosed system and method includes thermal sensors for capturing thermal images and/or videos of a body part; and a processing engine to detect a predefined region of the body part in each frame of the captured images and/or videos. The processing engine segments one or more portions from the predefined region in each frame of the captured images and/or videos to identify a ROI comprising arteries in the segmented portions. Based on the identified region of interest, the engine extracts pixel values, representing biosignals, from each frame of the captured images and/or videos to determine parameters associated with a rate of atherosclerotic, levels of lipids and lipoproteins, and hemodynamic factors of the subject. Further a risk score for the dyslipidemia condition based on the determined parameters using computational models is measured.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044163 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR NON-INVASIVELY NON-CONTACT BASED MEASURING DIABETES MELLITUS CONDITION

(51) International classification	:A61B0005000000, A61B0005010000, A61B0005145500, A61B0005024000, G01J0005000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AARCA RESEARCH INC.,
Address of Applicant :926 RAINBOW TRL, ORANGE, CT 06477, United States of America. U.S.A.
(72)**Name of Inventor :**
1)SHIVPURE, Sameer Raghuram
2)THIRUVENGADAM, Jayanthi
3)CHODA, Anuhya
4)CHODA, Gayathri

(57) Abstract :
System and method for measuring diabetes mellitus condition of a subject is disclosed. The disclosed system and method includes thermal sensors for capturing thermal images and/or videos of a body part; and a processing engine to detect a predefined region of the body part in each frame of the captured images and/or videos. The processing engine segments one or more portions from the detected predefined region in each frame of the captured images and/or videos to identify a region of interest comprising major arteries in the segmented portions. Based on the ROI, the engine extracts pixel values, representing biosignals, from each frame of the captured images and/or videos so as to determine one or more parameters associated with the hemodynamic factors and a rate of atherosclerosis of the subject. Further, a risk score for the diabetes mellitus condition based on the determined parameters using computational models is measured.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019
(21) Application No.201941044164 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A SYSTEM FOR REMOTE REAL TIME CONDITION MONITORING OF MULTI-LEVEL INVERTERS

(51) International classification	:H02M0007487000, H02M0007490000, H04W0004800000, B66B0007120000, G01N0021350400
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NATIONAL INSTITUTE OF TECHNOLOGY CALICUT AN INDIAN INSTITUTE
Address of Applicant :ELECTRICAL ENGINEERING DEPARTMENT NATIONAL INSTITUTE OF TECHNOLOGY CALICUT NIT CAMPUS, P.O. CALICUT, KOZHIKODE KERALA 673601, INDIA Kerala India
(72)**Name of Inventor :**
1)G. JAGADANAND
2)IBRAHIM, RINSHA

(57) Abstract :
ABSTRACT A SYSTEM FOR REMOTE REAL TIME CONDITION MONITORING OF MULTI-LEVEL INVERTERS A system for fast and low-cost remote real time condition monitoring of multi-level inverters comprises of a neutral point clamped (NPC) inverter (1), sensor and ADC (2), an IoT device (3), an FPGA board (5), a load (8), a 3-phase auto transformer (9) and a visual display screen (10) connected to IoT device (3) for local monitoring. The system is connected to cloud monitoring infrastructure through internet linking and facilitates examination of multi-level inverter (1), both in-situ as well as from remote regions. FIG. 2

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044207 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : OSTEOARTHRITIS: QUANTITATIVE ASSESSMENT AND REHABILITATION EXERCISE ANALYSIS

(51) International classification	:A63B0021000000, G16H0010600000, A61B0005000000, A61N0005100000, G16H0080000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DAYANANDA SAGAR COLLEGE OF ENGINEERING
Address of Applicant :Principal Dayananda Sagar College of Engineering, Shavige Malleswara Hills, Kumara Swamy Layout, Bengaluru 560078, Karnataka Karnataka India
(72)**Name of Inventor :**
1)Venkatesan S

(57) Abstract :
The invention relates to a device and a method of quantitative assessment and rehabilitation exercise analysis of patient recovering from Osteoarthritis. In one embodiment this is accomplished by collecting one or more information about the patient in a consent form, the information including demographic data and clinical data which defines the condition the patient is suffering. Preparing a primary treatment plan by at least one therapist, the treatment plan including of Exercise, Dos and Don™ts, Drugs and other information based on the patients protocol. Feeding the treatment plan suggested by the therapist into the device for performing the exercises, the device facilitates the movement of the exercise and assess the data received from patient™s movements, the device prepare one or more reports based on the assessments. Evaluating the report on the rehabilitation status of the patients based on the feedback received by the therapist which will facilitate to provide the accurate rehabilitation exercises to the patients in home environment.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044209 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : BIO-DIGESTER FOR THE COMBINED DEGRADATION OF PLASTIC WASTES AND PRODUCTION OF BIOENERGY FROM COW DUNG

(51) International classification	:C12Q0001040000, A62D0003020000, C12R0001010000, B82Y0010000000, B09C0001100000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DAYANANDA SAGAR COLLEGE OF ENGINEERING
Address of Applicant :Principal Dayananda Sagar College of Engineering, Shavige Malleswara Hills, Kumara Swamy Layout, Bengaluru 560078, Karnataka Karnataka India
(72)**Name of Inventor :**
1)Sinosh Skariyachan
2)S Kiran
3)Alice Preethi K
4)Bhavya V
5)Gautami Naidu
6)Neha Taskeen

(57) Abstract :
The present invention relates to a method for formulating bacterial consortia with enhanced biodegradation of polyethylene derivatives screened from cow dung samples. In one embodiment this is accomplished by collecting a plurality of cow dung samples from plastic contaminated sites from various regions, isolating plastic degrading bacteria using standard microbiology protocols, screening of the potential isolates which are capable of degrading low and high density polyethylene derivatives, and formulating a potential bacterial consortia and characterisation of the isolates in the potential bacterial consortia, wherein the bacterial consortia is capable of degrading polyethylene and polypropylene derivatives.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

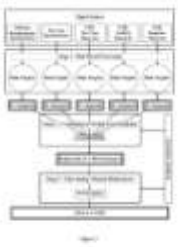
(21) Application No.201941044210 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : DERIVING COMBINATORIAL TEST DESIGN MODEL FROM MULTIPLE INPUT SOURCES

(51) International classification	:G06F0008100000, H04L0029060000, G06Q0099000000, H04H0060040000, G06F0008200000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DAYANANDA SAGAR COLLEGE OF ENGINEERING
Address of Applicant :Principal Dayananda Sagar College of Engineering, Shavige Malleswara Hills, Kumara Swamy Layout, Bengaluru Karnataka India
(72)**Name of Inventor :**
1)Dr. Krishnan Rangarajan
2)Dr. Preeti Satish
3)Dr. Ramesh Babu D R

(57) Abstract :
The present invention provides an automated support to derive the CTDM to ease the task of the test designer by elevating the test effectiveness and thereby software quality. In one embodiment this is accomplished by processing a plurality of input sources including the software requirements specification (SRS), use case specifications (UCS), UML activity diagrams (UAD), UML use case diagrams (UCD) and UML sequence diagrams (USD) independently and automatically by the implemented rule engines according to the rules formulated for deriving the CTDM elements. The automated results obtained from these five individual input sources are Intermediate CTDM (IC) elements. Combining the plurality of obtained intermediate CTDM (IC) elements, and presenting a ranked list of CTDM elements based on weights of confidence as a suggestion to the test designer. Tuning the results manually by the test designer by selecting the required parameters and values from the suggested list to derive the final CTDM. Figure 1



No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044211 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A METHOD OF IMPROVING THE DURABILITY OF CONCRETE FORMULATIONS BY ABSORBING CO2

(51) International classification	:C04B0028020000, C04B0028040000, C04B0018020000, C04B0016080000, C04B0018080000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DAYANANDA SAGAR COLLEGE OF ENGINEERING
Address of Applicant :Principal Dayananda Sagar College of Engineering, Shavige Malleswara Hills, Kumara Swamy Layout, Bengaluru Karnataka India
(72)**Name of Inventor :**
1)Parvathi K S
2)Abhinandan K S
3)Siddalinga G Koudi
4)Satishnaik SS
5)Shivraju K
6)Varun K

(57) Abstract :
The present invention relates to a method of improving the durability of concrete formulations by absorbing CO2. In one embodiment, this is accomplished by combining cement, water, and supplementary cementitious materials, aggregates, admixtures, and/or additives to form an aqueous cement mixture having a water to cementitious ratio, adding zeolite particles to the cement mixture to form a concrete formulation, the concrete with zeolite as partial replacement material with mean ratio absorbs harmful gases and gives high compressive strength, eco-friendly.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044219 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : PRINT SETTINGS DETERMINATION

(51) International classification	:G06F0003120000, G06F0017220000, G06F0017270000, G06K0009030000, H04N0001320000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
Address of Applicant :10300 Energy Drive, Spring, Texas 77389 U.S.A.
(72)**Name of Inventor :**
1)Anusha
2)VELLINGIRI, Devi
3)VELUMANI, Puviyarasu

(57) Abstract :
Techniques for determining print settings of a source document are described. In an example, a scanned copy of a source document is obtained. The scanned copy of the source document is then analyzed to obtain print parameters associated with the source document, where the print parameters indicate print settings used to print the source document. A document may then be caused to be printed on a print media based on the print parameters.

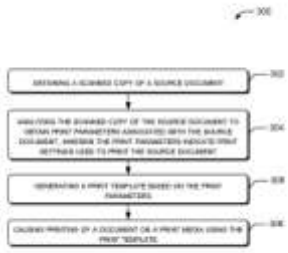


Figure 3

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044263 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN GEAR ASSEMBLY FOR A BICYCLE, AN APPARATUS AND A METHOD FOR CONTROLLING MOVEMENT OF A BICYCLE

(51) International classification	:B62M0025080000, B62M0009132000, B62M0009122000, B62J0099000000, H04L0029080000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Bosch Automotive Electronics India Pvt. Limited
Address of Applicant :Building no. 703, c/o Bosch Ltd, Naganathapura, Electronic city Post office, Bengalauru-56100, Karnataka, India Karnataka India
2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)Gunnar Godara
2)Bharath Kumar Madhampatty Rajalingam
3)Sourabh Chaturvedi

(57) Abstract :
ABSTRACT Various embodiments herein provide an apparatus and a method for controlling movement of a bicycle 100, in accordance with an embodiment of the invention. The apparatus 20 comprises a cog set 12 having plurality of tractional gears 12a-12n; and a non-tractional gear 14 mounted to a wheel shaft 18 of the bicycle through a set of ball bearings 16; The cog set 12 is mounted around the non-tractional gear 14. A controller 22 operates a derailleur 24 for shifting a drive chain 26onto the non-tractional gear 14 based on a stop signal from an actuation unit 28. The actuation unit 28 is one of a switch in the bicycle, an electronic device and a portable electronic device 502.

No. of Pages : 20 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044265 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SOLID FORMS OF ABEMACICLIB •

(51) International classification	:C07D0471040000, C08F0257020000, C07H0019067000, C07D0263100000, C07D0215060000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Biophore India pharmaceuticals Pvt. Ltd
Address of Applicant :Plot#92; 1-98/2/92, Kavuri Hills Phase II, Jubilee Hills, Hyderabad, Telangana India-500033 Telangana India
(72)**Name of Inventor :**
1)Manik Reddy Pullagurla
2)Bhaskar Reddy Pitta
3)Jagadeesh Babu Rangisetty

(57) Abstract :
The present invention relates to the process for the preparation of novel solid forms of Abemaciclib (1). More particularly, it relates to the process for the preparation of crystalline form 1, form 2, form 3, form 4, form 5 and form 6, form 7, form 8, form 9, form 10, form 11, form 12 and amorphous form of Abemaciclib (1), having purity greater than 99.0% (w/w) by HPLC.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201941044266 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : PROCESS FOR THE PREPARATION OF AMORPHOUS FORM OF ELAGOLIX SODIUM •

(51) International classification	:C07D0215180000, C07D0239540000, C07D0493200000, A23L0033125000, C09C0001400000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Biophore India pharmaceuticals Pvt. Ltd
Address of Applicant :Plot#92; 1-98/2/92, Kavuri Hills Phase II, Jubilee Hills, Hyderabad, Telangana India-500033. Telangana India
(72)**Name of Inventor :**
1)Manik Reddy Pullagurla
2)Bhaskar Reddy Pitta
3)Jagadeesh Babu Rangisetty

(57) Abstract :
The present invention relates to a novel process for the preparation of amorphous form of Elagolix sodium (1) with purity more than 99.0% (w/w) by HPLC. It further provides an improved process for the preparation of Elagolix sodium (1) used herein.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2019

(21) Application No.201941044275 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : BATTERY MANAGEMENT SYSTEM FOR ELECTRIC VEHICLES

(51) International classification	:H02J0007000000, H01M0010625000, H01M0010613000, H01M0010052500, B60L0003040000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Satyanarayana Chanagala
Address of Applicant :H.No.:5-1-22, Cooliline, Near Hotel Surya Palace, Kothagudem Telangana India
2)Zafar J. Khan
(72)**Name of Inventor :**
1)Satyanarayana Chanagala
2)Zafar J. Khan
3)Annapureddy Srinivasa Reddy
4)M.Vasim babu
5)Oleti Hima Kiran Kumar
6)Venugopal Narsingoju
7)Santosh Deshpande

(57) Abstract :
The present invention relates to a battery management system for electric vehicles. The object of the proposed system is to enhance lifetime of battery modules used to drive the permanent magnet synchronous motors of electric vehicles. The system mainly focuses on improving the discharging efficiency of the battery modules overcoming the detrimental effects of recovery effect, thermal, and rate-capacity effects. It is envisaged that with the proposed techniques the lifetime of the battery modules can be extended by over 40%. This would lead to the increase of number of kilometers per charge of the electric vehicles. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the flow diagram of the proposed system.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2019
(21) Application No.201941044321 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ANALYSIS OF EFFLUENT TREATMENT USING ORGANIC ABSORBENT (CALOTROPIS GIGANTEA)

(51) International classification	:C02F0001280000, C02F0001660000, G06Q0010060000, B01J0020200000, G01N0033180000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)BANNARI AMMAN INSTITUTE OF TECHNOLOGY
Address of Applicant :DEPARTMENT OF CIVIL ENGINEERING, BANNARI AMMAN INSTITUTE OF TECHNOLOGY SATHYAMANGALAM, ERODE(DT), TAMIL NADU-638401. Tamil Nadu India
(72)**Name of Inventor :**
1)Mrs.M. RANJITHAM
2)Mrs.R.GEETHAMANI
3)Mr.N.BALRAJ
4)Mr.S.K.DHARANI
5)Mr.G.SANTHOSH

(57) Abstract :
Abstract: Despite of more population and the growth of science and technology made an. consequential impact on the environment by polluting the water. Water is the main source of all living organism .So we done a project regarding treating the sewage water of our campus by using the calotropis gigantea(grown flower). The sludge contains heavy metals during water treatment plant the dioxins are separated which is very harmful. Inspite of treating sewage water it also helps in the expulsion of textile effluent. It is cost effective and economical. In calotropsis g/gan/ea(ARKA)latex-which is used in the form of activated carbon for absorbing impurities in the wastewater. We made certain parameters for the identification of pH, Hardness, chloride content, sulphate content, nitrate, alkalinity and chemical oxygen demand. In this project we have concluded that it will be more effective in future to meet the demand of water. Therefore this cost effective method would support the small scale industries which mostly does not care much about treating as they discharge less quantity of effluent. But the fact is even less quantity of colour discharge would result in severe adverse effects.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2019
(21) Application No.201941044331 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : MANUFACTURING PROCESS OF GGBS AND SILICA FUME BASED COARSE AND FINE AGGREGATE

(51) International classification	:H01M0010440000, G11B0017049000, G03G0015080000, A24D0003060000, B65D0006220000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)K.S.SCHOOL OF ENGTNEERING AND MANAGEMENT
Address of Applicant :#l09, MALLSANDRA, BANGALORE, 560109, KARNATAKA, INDIA Karnataka India
(72)**Name of Inventor :**
1)NAVEENA M.P
2)VIJAYALAKSHMI AKELLA

(57) Abstract :
I. Claim I: The Geopolymer Coarse and Fine aggregates can be manufactured using Ground Granulated Blast Furnace Slag (GGBS) of (Size less than 150 micron), Silica Fume (Size less than 0.3 um) and Alkaline solutions(Sodium Hydroxide and Sodium Silicate). 2. Ciaim 2: The Mix proportions of 75% of GGBS and 25% of silica fume is used for manufacture Geopolymer Coarse and Fine aggregates. 3. Claim 3: The Geopolymer Coarse and Fine aggregates are manufactured in Concrete mixer. 4. Claim 4: The Geopolymer Coarse and Fine aggregates are manufactured using sodium Hydroxide of 6 Molarity and Alkali/Binder ratio of 2.5. 5. Claim 5: The Geopolymer coarse aggregates are manufactured in a concrete mixer by maintaining rotation angle of 45 degree at 60rpm. . 6. Claim 6: Geopolymer Fine aggregates are manufactured in a concrete mixer by maintaining rotation angle of 25 degree for 20 rpm, 30 rpm and 40 rpm. 7. Claim 7: The Physical properties of Geopolymer aggregates satisify the Bureau of Indian standards (BIS).Hence it can be used as alternative Material for Natural Coarse and Fine aggregates in concrete and in Construction Industries.

No. of Pages : 7 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2019

(21) Application No.201941044342 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A SUSTAINED RELEASE MATRIX TABLETS FOR TREATING HERPES SIMPLEX AND A PROCESS FOR FORMULATING THE SAM

(51) International classification	:A61K0009200000, A61K0009000000, A61K0031522000, A61K0009500000, G06Q0010060000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
Address of Applicant :Rocklands • Post Box No.20 Udhagamandalam, Tamil Nadu 643 001. India. Tamil Nadu India
(72)**Name of Inventor :**
1)NAGASAMY VENKATESH DHANDAPANI
2)MEYYANATHAN SUBRAMANIA NAINAR
3)SANKARAGOUNDANPALAYAM PALANISWAMY DHANABAL

(57) Abstract :
A sustained release formulation of Acyclovir with reduced dosing enables increased pati«nt compliance who suffered from Herpes simplex infection. The present invention has developed a formulation for treating Herpes Simplex with Acyclovir sustained release matrix tablets using HPMC as a release retardant polymer to reduce the dose, dosing frequency and increase pati«nt compliance in cost effici«nt manner. The formulation of the present invention has improved efficacy, stability, enhanced release and sustainability when compared to the existing formulations.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2019

(21) Application No.201941044373 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN IMPACT ENERGY DISSIPATION SYSTEM

(51) International classification	:B32B0007030000, E04H0009020000, H01F0027080000, E02D0029020000, E04C0002360000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)VALEO SYSTˆMES THERMIQUES
Address of Applicant :Valeo Syst¨mes Thermiques, 8 rue Louis Lormand, La Verri¨re, F-78320 LE MESNIL SAINT DENIS, France France
(72)**Name of Inventor :**
1)Jaji VIJAYARAMAN
2)Prasath MADHAVAN
3)Balaji RAVICHANDRAN

(57) Abstract :
An impact energy dissipation system (100) includes an assembly (10) and at least one wrap (20). The assembly (10) includes at least one core (12) and a plurality of face plates (14). The plurality of face plates (14) are stacked alternately with respect to the at least one core (12) such that the at least one core (12) is sandwiched between the face plates (14). The face plates (14) are of either one of fibre reinforced thermoplastic material and fibre reinforced thermosetting material and forms connection with the at least one core (12). The at least one wrap (20) of fibre reinforced thermoplastic material is wrapped over and forms connection with at least a portion of the assembly (10).

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2019

(21) Application No.201941044443 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : MULTISOURCE UPS / STABILIZER FOR INDUSTRIAL, COMMERCIAL AND RESIDENTIAL USERS

(51) International classification	:H02J0009060000, B23K0011240000, H01F0027240000, G06F0007380000, G05F0001670000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)RAJALAKSHMI ENGINEERING COLLEGE
Address of Applicant :Rajalakshmi Nagar, Thandalam, Chennai - 602 105, Tamil Nadu, India. Tamil Nadu India
(72)**Name of Inventor :**
1)Dr. P. Sivakumar

(57) Abstract :
A multi-source uninterruptible power supply (UPS) system is disclosed as shown in FIG. 1. The system consists of two transformers (2 and 3). Transformer-1 (2) has three primary windings (2i, 22, 23) and one secondary winding (2i). Transformer -2 (3) has one primary winding (3i) and one secondary winding (32). One of the primary input windings of transformer 1 (2) is supplied from a photovoltaic (PV) source (5) through a DC to AC switchable circuit configuration and also provided with maximum power extraction capability. One of the other primary input windings is supplied from grid, used as a biased winding to regulate the sharing of output current on transformer secondary side. Another primary input windings of transformer 1 (2) is supplied from a battery source. Thus, the system tracks the maximum power from the photovoltaic (PV) source during low irradiations thus maintaining the corresponding voltage (VM) and current (IM) at output terminals of the PV irrespective of change of irradiations.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2019

(21) Application No.201941044466 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A WATER CONSERVATION DEVICE

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)GUNASINGH CHELLADURAI
Address of Applicant :Old No.17A, New No.44, North Highground Road, Palayankottai, Tirunelveli District,627002 Tamil Nadu India
(72)**Name of Inventor :**
1)GUNASINGH CHELLADURAI

(57) Abstract :
This invention is related to a water-saving or a water conservation device connected at the rear end of water pipe to control the water flow at pipe outlet consisting of a larger solid profile (1) characterized with a set of stepped members (2, 3) at one side having width decreases towards its length and having a set of slots (4) diagonally opposite sides of the larger solid profile (1) to allow the reduced volume of water at the pipe outlet thereby the water consumption is reduced. Fig 3.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2019

(21) Application No.201941044467 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : Method and system for network slice authentication and authorization

(51) International classification	:H04L0029060000, H04W0012060000, G06Q0020400000, H04W0036000000, H04L0009320000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Samsung Electronics Co.,
Address of Applicant :House No. 129,Samsung-ro, Street Yeongtong-gu, Suwon-si, Gyeonggi-do Country Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)Kundan Tiwari
2)Rajavelsamy Rajadurai
3)Hoyeon Lee

(57) Abstract :
ABSTRACT Method and system for network slice authentication and authorization • Accordingly, embodiments herein disclose a method and system for handling a network slice specific authentication and authorization (NSSAA) process in a wireless network system. The method (500) includes detecting, by a source access and mobility function (AMF) device (206a), the NSSAA process is ongoing for at least one single network slice selection assistance information (S-NSSAI) (116). The method includes detecting, by the source AMF device (206a), that an inter-AMF handover procedure is triggered from the source AMF device (206a) to a target AMF device (206b) during the NSSAA process. The method includes storing, by the source AMF device (206a), the NSSAA status of the NSSAA process of at least one S-NSSAI (124) as pending; and transferring, by the source AMF device (206a), the stored NSSAA status of the at least one S-NSSAI (116) to the target AMF device (206b). FIG. 5

No. of Pages : 50 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2019

(21) Application No.201941044490 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A DYNAMIC CHARGING PROTOCOL TO ENHANCE THE CYCLE LIFE OF A BATTERY

(51) International classification	:B32B0003300000, H01M0010050000, H01M0002180000, B32B0015010000, H02J0007350000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Samsung Electronics Co., Ltd.
Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 (KR) Republic of Korea
(72)**Name of Inventor :**
1)BHARATHRAJ, Sagar
2)ADIGA, Shashishekara Parampalli

(57) Abstract :
In an example embodiment, a method of charging batteries is provided. The method comprises detecting initiation of a charging cycle of a battery. The method further comprises, in response to detecting the initiation of the charging cycle of the battery, determining whether a current capacity of the battery is greater than a predetermined threshold percentage of an original rated capacity of the battery or not. Furthermore, the method comprises configuring a charging controller to charge the battery to a first voltage, upon determining that the current capacity of the battery is greater than the predetermined threshold percentage of the original rated capacity of the battery. The method further comprises configuring the charging controller to charge the battery to a second voltage, upon determining that the current capacity of the battery is equal to or less than the predetermined threshold percentage of the original rated capacity of the battery.

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2019

(21) Application No.201941044495 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR CENTRALIZED EDGE ENABLER SERVER

(51) International classification	:H04L0029060000, H04L0029080000, H04W0072040000, G06F0008600000, G06F0009520000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Samsung Electronics Co., Ltd.
Address of Applicant :129,Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea
(72)**Name of Inventor :**
1)Basavaraj Jayawant Pattan
2)Nishant Gupta
3)Sunghoon Kim
4)Jicheol Lee

(57) Abstract :
ABSTRACT Method and system for managing discovery of edge application server of edge data network • Embodiments herein provide a method for method for managing discovery of an edge application servers (310). The method includes sending, by an edge enabler client (120) of a UE (100), an initial service provisioning request to an edge configuration server (400). Further, the method includes receiving, by the edge enabler client (120), an initial service provisioning response comprises an information element from the edge configuration server (400), where the information element indicates the supported discovery mode. Further, the method sending, by the edge enabler client (120), a request for discovering the edge application server (310) to at least one of the edge configuration server (400), a dedicated server for an edge application server information, and a Domain Name System (DNS) server based on the supported discovery mode. FIG. 4 and FIG. 5

No. of Pages : 64 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2019

(21) Application No.201941044506 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : MULTIPURPOSE NON-INVASIVE ORAL MASK

(51) International classification	:A61M0016060000, A61M0016000000, A61M0016080000, A61M0016100000, A61M0016040000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Dr.Peri Naga Kameswara Vamsy Mohana Krishna Shyam
Address of Applicant :S/o P.Syamala Rao Flat # 203, Sri Keerthi Apartments, Opp.Velama Bhavan, B.S.Layout, Visakhapatnam Andhra Pradesh India
(72)**Name of Inventor :**
1)Dr.Peri Naga Kameswara Vamsy Mohana Krishna Shyam

(57) Abstract :
Title: Multipurpose Non-Invasive Oral Mask The present disclosure discloses a multipurpose non-invasive mask 200. The multipurpose non-invasive oral mask incorporates a flexible inner tube mechanism that aids to pull the tongue in case of tongue fall. The mask provides cheek support for edentulous patients. The mask is a single use device with an airway that allows procedures such as bronchoscopy, suction and thereof. The mask avoids gag in semi-conscious and conscious patients to thereby enhance the patient compliance. The mask can be connected to a Non-Invasive Ventilation (NIV) or any other artificial breathing support system and also acts as an emergency airway in conditions such as resuscitation and when the patient is given anaesthesia.

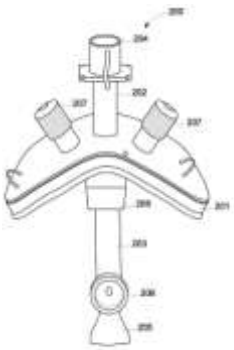


FIG. 2A

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2019
(21) Application No.201941044507 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SULFOBUTYL ETHER BETA-CYCLODEXTRIN ENCAPSULATED PHYTOSOMAL COMPOSITION OF PHYTO-CONSTITUENTS

(51) International classification	:A61K0047690000, A61K0009000000, A61K0047400000, A61K0009480000, A61K0031724000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Dr.Annammadevi G.S
Address of Applicant :D/o Sayam Sundareswara Rao Assistant Professor, Institute of Pharmacy, GITAM (Deemed to be University), Rushikonda, Visakhapatnam-530045. & # 13-4/13, GF-4, Suryamukhi Towers, Ganesh Nagar Road, Madhurawada, Visakhapatnam Andhra Pradesh India
2)N.Pavani
(72)**Name of Inventor :**
1)Dr.Annammadevi G.S
2)N.Pavani

(57) Abstract :
Title: Sulfobutyl Ether Beta-Cyclodextrin Encapsulated Phytosomal Composition of Phyto-Constituents The present disclosure proposes a novel and effective sulfobutyl ether beta-cyclodextrin encapsulated phytosomal composition of phyto-constituents and it's processing for the preparation of suitable oral dosage form with a synergistic effect. The phytosomal composition is formulated by mixing silybinin drug, a polymer solubilizer, lysophospatidylcholine, and sulfobutyl ether beta-cyclodextrin. The composition is further formulated as tablets, capsules, caplets and thereof. The phytosome is enclosed with cyclodextrin thereby enhancing the solubility and bioavailability. The phytosomal composition is formulated with Polyethylene glycol (PEG) thereby increasing the plasma circulation. The developed phytosomal composition is cost-effective drug without any side effects which thereby enhances the patience compliance and stability of the drug.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2019

(21) Application No.201941044508 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : STABILIZATION POSITIONING AND IMMOBILIZATION DEVICE FOR CRANIUM AND BODY

(51) International classification	:A61B0006000000, A61B0005055000, A61F0005370000, A61B0006030000, H04L0029060000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Kannan Natarajan
Address of Applicant :S/o Mahadevan Natarajan Staff Quarter No.31, Narayana Medical Campus, Chintareddypalem, Nellore Andhra Pradesh India
(72)**Name of Inventor :**
1)Kannan Natarajan
2)Vedavyas Srigiriraju

(57) Abstract :
Title: Stabilization Positioning and Immobilization for Cranium and Body The present disclosure discloses a cephalic stabilizing device 100 incorporated with an inflatable cushion aids in angulating and providing support for any type of patient during oral radiography. Such a device must have the ability to incorporate a voice communication means 104 that helps in providing communication between the patients, the technician and the parent to perform multiple operations during radiography imaging. The multiple operations may include receiving instructions by technician, reassurance to the child or patient by technician or parent and playing pleasant audio music during radiography. The device provides an elevating seat option that helps in separating the stabilizing units in stabilizing devices while using for CT scan and MRI scan. The cephalic stabilizing device is mainly used for infants, kids, unstable patients or mental disorder patients and thereof.

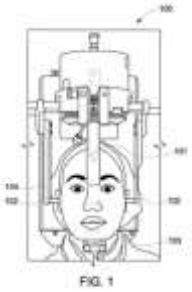


FIG. 1

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2019

(21) Application No.201941044513 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : DUAL SIDE DRILLING RIG

(51) International classification	:E21B0007060000, E21B0047022000, E21B0003020000, E21B0019240000, E21B0007040000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)EPIROC ROCK DRILLS AKTIEBOLAG
Address of Applicant :SE-701 91 –rebro, Sweden. Sweden
(72)**Name of Inventor :**
1)PRASANNA VINAYAKA
2)SANDIP DAULAT VADJE

(57) Abstract :
A rotation head gear box (103) of a dual side drilling rig (100) designed and developed for the purpose of drilling at any direction and at any angle. The dual side drilling rig (100) essentially 5 has a rotation head gear box (103) that rotates a drill rod (504) and uses compressed air to enable drilling in required direction. The cap (206) and spindle (205) arrangement is used to alter the direction of the drilling. The dual side drilling rig (100) requires limited user intervention and play a vital role in operator safety, which increases the productivity of the dual side drilling rig (100). FIG.1

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2019

(21) Application No.201941044515 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : Method and System for Synthesis of Electrode and Electrolyte Materials for High Energy Storage Devices

(51) International classification	:H01M0004360000, H01M0004620000, C01G0055000000, C01B0021160000, H01G0009042000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)National Institute of Technology Karnataka
Address of Applicant :National Institute of Technology Karnataka, Srinivasnagar PO, Surathkal, Mangalore - 575025, Karnataka, India. Karnataka India
(72)**Name of Inventor :**
1)Aranganathan Viswanathan
2)Adka Nityananda Shetty

(57) Abstract :
METHOD AND SYSTEM FOR SYNTHESIS OF ELECTRODE AND ELECTROLYTE MATERIALS FOR HIGH ENERGY STORAGE DEVICES ABSTRACT A method (201) of synthesizing a binary nanocomposite electrode material comprising, mixing (210) aniline in distilled water uniformly to obtain an aniline solution, adding (220) ammonium persulfate dissolved in distilled water, adding (230) at least one of glacial acetic acid or methane sulphonic acid as an acid dopant, stirring for 4 hours, adding (250) a metal precursor solution from either transition elements or p-block elements prepared in either distilled water or in ethylene glycol, stirring for 1 hour at room temperature before adjusting (240) pH to 14 using a base solution comprising at least one of 6 M sodium hydroxide (NaOH) or 6 M potassium hydroxide (KOH) and adding (250) hydrazine hydrate ($N_2H_4.H_2O$) as a reducing agent with stirring and heating at 90°C for 2 hours, and washing the resultant product with distilled water followed by acetone several times before drying and collecting the binary nanocomposite at room temperature, wherein the resultant product is used as an electrode in a high energy storage device to provide a maximum supercapacitance in the device.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044539 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NOVEL CRYSTALLINE POLYMORPH OF 4-[7-(6-CYANO-5-TRIFLUOROMETHYL-PYRIDIN-3-YL)-8-OXO-6-THIOXO-5,7- DIAZASPIRO[3.4]OCT-5-YL]-2-FLUORO-N-METHYL BENZAMIDE AND THEIR PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C07D0401040000, A61K0031416600, C07D0209120000, C07D0263520000, C07C0255030000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MSN Laboratories Private Limited, R&D Center
Address of Applicant :MSN Laboratories Private Limited, R&D Center; Plot No. 12, Phase-IV, Sy.No: 119 to 140, 258, 275 to 280, IDA, Pashamylaram (Vil), Patancheru (Mdl), Sangareddy (Dist), Telangana, India 502307 Telangana India
(72)**Name of Inventor :**
1)Srinivasan Thirumalai Rajan
2)Sajja Eswaraiah
3)Vijayavitthal T. Mathad
4)Saladi Venkata Narasayya

(57) Abstract :
Abstract Title of the invention: Novel crystalline polymorph of 4-[7-(6-Cyano-5-trifluoromethyl-pyridin-3-yl)-8-oxo-6-thioxo-5,7-diazaspiro[3.4]oct-5-yl]-2-fluoro-N-methyl benzamide and their process for the preparation thereof. The present application relates to novel crystalline polymorph of 4-[7-(6-Cyano-5-trifluoromethyl-pyridin-3-yl)-8-oxo-6-thioxo-5,7- diazaspiro[3.4]oct-5-yl]-2-fluoro-N-methylbenzamide compound of formula-1 and its process for preparation thereof. Formula-1.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044563 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SOLAR POWERED UNMANNED AERIAL VEHICLE (UAV) FOR COCONUT CUTTING

(51) International classification	:A23N0005030000, B64C0039020000, F21S0009030000, E03B0003280000, B64D0027240000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
Address of Applicant :DEPARTMENT OF EEE, OMR, PAIYANOOR Tamil Nadu India
(72)**Name of Inventor :**
1)AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

(57) Abstract :
ABSTRACT OF THE INVENTION Harvesting coconut is becoming a difficult task since many of the trained workers are no longer working and.the current generation is showing little interest in this whole concept. Thus, the invention of new machines is extremely necessary in order to save coconut farming. The goal, of this project is to create a coconut harvesting UAV which will revolutionize the coconut production in many of India's southern states particularly Kerala. The aim of this UAV is to cut ripe coconuts using its mounted laser cutter. This UAV will be a manually controlled octa-copter, consisting of a camera and sensors to determine whether the coconut is ripe or not. Some of technical challenges that we might face during the production of UAV would be determining adequate amount of power for moving parts of the UAV, finding appropriate sensors that can tell whether the coconut is ripe or not. and a capable robotic arm that can cut the coconuts.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044564 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : BONE GRAFT CARRIER AND CONDENSER

(51) International classification	:A61F0002280000, A61F0002460000, A61F0002300000, A61L0027540000, A61L0027140000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAVEETHA DENTAL COLLEGE, SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES, SAVEETHA UNIVERSITY
Address of Applicant :162, POONAMALLEE HIGH ROAD, VELAPANCHAVADI, CHENNAI Tamil Nadu India
(72)**Name of Inventor :**
1)CHRISTEENA ABRAHAM
2)SANKARI MALAIAPPAN
3)SHEEJA VARGHESE
4)DEEPAK NALLASWAMY

(57) Abstract :
ABSTRACT The present invention relates to bone grafting, particularly in filling or repairing a defect in the alveolar bone. This novel invention is double sided, where one side has two spoon like structures facing each other which is to be used to carry the bone graft to the site of delivery. The other end of the instrument is a condenser which is to be used to condense the bone graft after placing it in the desired site. The advantage of such an instrument is the ease of carrying the instrument in a convenient manner, and the condenser on the other side of the same instrument makes it convenient, user oriented and saves time during the surgery.

No. of Pages : 4 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044567 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : DESIGN OF REPELLENT STICK TO SAFEGAURD HUMANS IN FARMING FIELD FROM SNAKES

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
Address of Applicant :DEPARTMENT OF ECE, OLD MAMALLAPURAM ROAD, PAIYANOOR Tamil Nadu India
(72)**Name of Inventor :**
1)Dr. D. VIJENDRA BABU

(57) Abstract :
ABSTRACT The present invention is a Repellent Stick embedded in a walking stick type metal rod sends signal to Snakes to stay away from inhabitant areas, to be alive. This signalling apparatus works on battery power and using Ultrasonic Transducer and it is easy to cany by the Farmer and also user friendly. The stick is made of Iron, is an Ultrasonic, Rechargeable -powered Snake-repellent which is similar to Walking stick in appearance & function. A Farmer can take the stick to the field and insert it into the ground nearby. The present invention sends out sonic waves for every 10 seconds, which Snakes consider a danger. The vibrations can extend up to 15 meters results to Snakes feel unsafe and they stay away & thus Farmers are safe and protected from Snakes. Repellent Stick is easy to use, economical and extremely effective for the villagers.

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044569 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : GEOMETRICAL MODIFICATION OF SWITCHED RELUCTANCE MOTOR FOR AN ELECTRIC VEHICLE

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
Address of Applicant :DEPARTMENT OF EEE, OMR, PAIYANOOR Tamil Nadu India
(72)**Name of Inventor :**
1)Ms. S. JENSIE ANITA
2)Dr. K. BOOPATHY

(57) Abstract :
ABSTRACT In the present day electric vehicles, various motors are employed. Particularly DC Series motor, PMBLDC motor to are used to operate in various conditions. These motors are facing some of the technical issues in aspects like load torque, commutation problem, bigger size more weight. Because of this issues the overall performance of Electric vehicle is being affected. So to overcome this problem a Special Electrical Machine is introduced. The proposed machine is a Switched Reluctance Motor. The SRM machines are the most suitable ones for Electric Vehicles because of their construction, Low cost, high speed, reliability and efficiency over a wide speed range. Even though this could be a feasible solution while using SRM machines we encounter few drawbacks. SRM machines have torque ripple and acoustic noise. To overcome this problem, in this invention a trapeziodal rotor is introduced and through the proper alignment of stator and rotor air gap can be made as small as possible. This will help to reduce the ripples and a better performance can be achieved.

No. of Pages : 6 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044570 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SLIBOX

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAVEETHA DENTAL COLLEGE AND HOSPITAL, SAVEETHA UNIVERSITY, SAVEETHA INSTITUTE OF MEDICAL SCIENCES
Address of Applicant :SAVEETHA DENTAL COLLEGE, SIMATS, 162, P.H ROAD, CHENNAI-600 077, TAMILNADU, INDIA. Tamil Nadu India
(72)**Name of Inventor :**
1)DR. DIVYA RUPAWAT
2)DR. SURESH V

(57) Abstract :
Not Submitted..

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044572 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SOLAR PV FED PORTABLE UPS USING SWITCHED AUXILIARY RESONANT CONVERTER

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Aarupadai Veedu Institutue of Technology
Address of Applicant :Department of EEE, OMR, Paiyanoor, Chennai, Tamilnadu, India-603104 Tamil Nadu India
(72)**Name of Inventor :**
1)Dr. G. Ezhilarasan
2)V. Rattankumar

(57) Abstract :
The uninterrupted power supply (UPS) system currently used works by consuming electric power from the grid. The sun is giving energy to the Earth as solar radiation and this solar energy can be utilized as an alternative to grid power to operate the UPS hence the concept of green energy production and reduction of carbon foot print can be achieved. Moreover the conventional battery charging circuits are also found to be less efficient because of switching loss due to hard switching. Hence if soft switching technique is used then the efficiency of the converter can be increased hence the solar energy can be efficiently used. In case of the portability of the uninterrupted power supply (UPS) system is concerned, when the rating of the UPS system increases it becomes bulky hence cannot be moved. If portability of the UPS of a larger rating is ensured, then uninterrupted power can be provided even to those locations that does not have a fixed UPS system. In this invention, a portable UPS system using a DC -DC Converter is developed. The embodiments of the portable UPS systems namely the solar panel, resonant charger, inverter, batteries, switches are mounted on a wooden enclosure fitted with wheels so that it is easily portable. The portable UPS uses a resonant converter to provide a good quality, high efficiency power supply. The Portable UPS System using the resonant converter consists of a 12 Watts solar panel with a open circuit voltage 21.6 V which when connected to the input of the SARC converter a charging voltage of 27 V can be obtained, this output from the resonant converter is fed to a 2 pole 2 way dc breaker to connect it to 2 batteries of 12 V each, connected in series. The switch, since it is a two way, has an option to connect the batteries either to charger (resonant converter) or to the inverter. Hence whenever the batteries has to be charged, the two way switch is put in charger position and.whenever the inverter has to be used it is put in UPS position. Thus the portable ups system uses solar PV system and the resonant converter for charging the batteries of the ups system, hence independent of the grid power.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044573 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SPLINTING STABILIZING AID

(51) International classification	:A61C0005000000, H04M0007000000, A61M0025010000, A61B0090000000, H04L0007000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Saveetha Dental College and Hospitals, Saveetha University, Saveetha Institute of Medical and Technical Sciences
Address of Applicant :162, Poonamallee High road, Velapanchavadi, Chennai-600077 Tamilnadu, India Tamil Nadu India
(72)**Name of Inventor :**
1)Dipika Inbasekaran
2)Sankari Malaiappan
3)Sheeja Varghese
4)Deepak Nallaswamy

(57) Abstract :
Splinting of periodontally compromised teeth is a commonly performed procedure. It consists of a wire/ fiber adapted to. the affected teeth and held in position with composite resin, it is a cumbersome process when done without assistance.

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044580 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : PREPARATION OF IYCOPENE MEDIATED AGNPS & ITS BASED MOUTH WASH

(51) International classification	:A61Q0011000000, A61C0008000000, A01N0059160000, G01N0021552000, A61K0033380000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAVEETHA DENTAL COLLEGE, SAVEETHAA UNIVERSITY SAVEETHA INSTITUTE OF MEDICAL AND TCHNICAL SCIENCE
Address of Applicant :162, POONAMALLE HIGH ROAD, VELAPANCHAVADI, CHENNAI-600 077, TAMILNADU, INDIA. Tamil Nadu India
(72)**Name of Inventor :**
1)KARTHIKEYAN.M
2)RAJESHKUMAR.S
3)SHEEJA VARGHESE
4)DEEPAK NALLASWAMY VEERAIYAN

(57) Abstract :
Silver nanoparticles have attracted much attention in the dental applications such as oral pathogen control, anticancer activity and dental implants. In this present study we have synthesized silver nanoparticles by using medically applicable lycopene extract and it was conformed by using colour changes by visual observation, surface plasma resonance by UV-Visible spectroscopy. The synthesized nanoparticles were used for the preparation of mouthwash. The antimicrobial activity of silver nanoparticles and its based mouthwash shows a very good zone of inhibition against the major oral pathogen Streptococcus mutans and followed by Staphylococcus aureus. Our research results clearly indicate the lycopene mediated silver nanoparticles and its based mouthwash have very good antimicrobial dental product widely used in future.

No. of Pages : 6 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044584 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : E-GREEN TOWER

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
Address of Applicant :VINAYA NAGAR, OLD MAHABALIPURAM ROAD, PAIYANOOR, CHENNAI - 603 104. Tamil Nadu India
(72)**Name of Inventor :**
1)L.K.HEMA
2)S.VITHYALAKSHMI

(57) Abstract :
Air pollution is one of the major challenges in India due to urbanization and industrial revolution. According to World Health Organization, poor air quality causes seven million premature deaths every year, making it the planet's largest single environmental health risk. Hence to mitigate these dangerous consequences we are proposing an air pollution combating Moss based tree tower that absorbs the air pollutants as much as a small forest. -Nature can help us overcome many human made environmental problems and it is our responsibility to find out creative solutions to overcome this. Everyday 90 % or inhabitants in urban areas breathe polluted air, causing death and respiratory and cardio vascular diseases. The major components of air pollution are nitrogen dioxide, Co2, fine dust etc., all of which shorten our life span. In order to improve the air quality in urban environments with highly efficient and sustainable solution, a MOSS based tree tower has been proposed. The MOSS & LICHENS based tower yields good air purifying results as compared to using real trees. Thereby the pollution level can be reduced to the optimum level. A mossy E-Green Tower with the pollution-absorbing power equivalent to hundreds of trees. Specially cultivated mosses are used in the construction of living wall. The wall of irrigated mosses also generates a cooling effect on the surrounding area. Powered by solar panels, the living structure also collects rainwater and automatically redistributes it using an inbuilt irrigation system. Sensors can be used to measure environmental data to regulate and control the unit thereby ensuring the moss's status. For irrigation of the E-Green tower appropriate mechanism is designed and be implemented. If necessary sensors can be deployed for monitoring and solar panels cnn be installed for powering arid functioning of the tower

No. of Pages : 8 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044590 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN INDIGENOUSLY DESIGNED APPARATUS FOR MEASURING ORTHODONTIC FORCE

(51) International classification	:G01L0001220000, G01B0005020000, G01B0005080000, H01M0010460000, A61C0007120000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAVEETHA DENTAL COLLEGE AND HOSPITALS, SAVEETHA UNIVERSITY SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES
Address of Applicant :162 POONAMALLEE HIGH ROAD,CHENNAI-600077,TAMIL NADU, INDIA. Tamil Nadu India
(72)**Name of Inventor :**
1)Dr. SARAVANA DINESH SP
2)Dr. DEEPAK NALLASWAMY VEERAIYAN

(57) Abstract :
The indigenous apparatus consists of a rectangular steel platform on which a micrometer and a moving arm fabricated out of 1mm thick mild steel sheet are mounted. Two canine brackets with hooks are attached to the apparatus in such a way that one is fixed to the movable arm and the other is placed on end of the screw gauge which is present opposite to the movable arm. This will ensure that the brackets are in the same central line. Brackets with hook are mounted instead of simply fixing hooks on the two arms of the apparatus because it not only facilitates the easy engagement of the nickel titanium closed coil springs and the elastomeric chain but also provides slot for the comfortable engagement of the loop springs. On the fixed end of the movable arm, four strain gauges are glued using cyano-acrylate adhesive. An electrical wire circuit connects the strain gauges to the signal conditioner which has a digital display. Force is expressed in grams in the display screen (Figure 1). This apparatus is small in size comparatively and is sensitive that it can calibrate force changes for activation distances -as low as 0.01mm. This can be explained with reference to the screw gauge. The spring is activated 1mm by two full rotations of the screw gauge. Each rotation covers a circumference of- 50mm. Therefore two rotations will have a circumference of 100mm together. Thus it shows that for 100mm rotation of the screw gauge, 1mm of activation of the spring is achieved. Then for 1mm rotation the activation will be one in hundredth portion of it, which is 0.01 mm.

No. of Pages : 4 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044591 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NON-STRUCTURAL CRACK ARRESTING REINFORCED-BRICK

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AARUPADI VEEDU INSTITUTE OF TECHNOLOGY
Address of Applicant :VINAYAKA NAGAR PAIYANOOR TAMILNADU-603104 Tamil Nadu India
(72)**Name of Inventor :**
1)DR.P.S.ARAVIND RAJ
2)DR.R.DIVAHAR
3)DR.S.P.SANGEETHA

(57) Abstract :
The present invention belongs to non-structural crack arresting mini-brick with casted of fine aggregate or any filler material and binder material with or without course aggregate (1) with a mesh arrangement made of steel or polymers or nylons or geo-synthetic material or combination of the said meshes (2). The mesh (2) is kept within the mortar block (I) during casting and the mesh (2) is projected out to the required length which is to be overlapped with the adjacent block during construction/fabrication. The spacing Of strings/wires of the mesh (2) may vary depending on the strength required and material used for mesh and the mini-brick mortar (1). It should be ensured that the mortar at the top and bottom of the mesh should be monolithic and which should not be affected by the spacing or the material of the mesh.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044602 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AUTHORIZATION IN A SERVICE COMMUNICATION PROXY

(51) International classification	:H04L0029080000, H04W0048160000, B25J0005000000, H04W0072040000, H04J0003160000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NOKIA TECHNOLOGIES OY
Address of Applicant :Karaportti 3, 02610 Espoo, Finland Finland
(72)**Name of Inventor :**
1)BYKAMPADI, Nagendra S
2)NAIR, Suresh
3)JERICHOW, Anja

(57) Abstract :
Techniques for authorization in a service communication proxy in a communication system are provided. For example, a method comprises configuring a service communication proxy in a communication system to participate in an authorization process in the communication system by selectively setting a first parameter in the service communication proxy to enable the service communication proxy to participate. Further, when the service communication proxy is enabled to participate in the authorization process, the method may further configure the service communication proxy to prioritize a service communication proxy-based authorization or a network component-based authorization by selectively setting a second parameter in the service communication proxy to prioritize one authorization over the other authorization.

No. of Pages : 31 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044603 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : TREE CLIMBING APPARATUS

(51) International classification	:B60G0007000000, A61B0017000000, G08B0021040000, E21B0033030000, H04M0001725000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)M TECH COMMERCE AND BUSINESS SOLUTIONS PRIVATE LIMITED
Address of Applicant :55, KRISHNASWAMY NAGAR, RAMANATHAPURAM, COIMBATORE - 641045, TAMIL NADU Tamil Nadu India
(72)**Name of Inventor :**
1)S IRUDAYA NATHAN
2)I LIMA ROSE

(57) Abstract :
ABSTRACT An apparatus to facilitate tree climbing is disclosed. The apparatus includes a circular collar, a plurality of arms, a roller, a suspension arm and an image capturing device. The suspension arm is retrofitted with one or more cutting device at the top end. The disclosed is a remote-controlled with the help of a controller. The controller is mechanically coupled to the circular collar. The controller includes an input module, configured to receive input from one or more handheld device. The controller also includes a speed control, configured to control speed of the circular collar during the vertical movement. The controller also includes an analysis module, configured to analysis the required extension of the suspension arm by an analysis technique. The controller also includes a cutter module, configured to operate the one or more cutting device. FIG. 1

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044604 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : HEIFIT ATTACHMENT

(51) International classification	:E02F0003960000, C09D0005160000, B66F0009180000, A01D0045020000, B26B0019200000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAVEETHA DENTAL COLLEGE AND HOSPITALS, SAVEETHA UNIVERSITY, SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES
Address of Applicant :SAVEETHA DENTAL COLLEGE AND HOSPITAL, SIMATS, NO:162, POONAMALLE HIGH ROAD, CHENNAI Tamil Nadu India
(72)**Name of Inventor :**
1)Dr. DEEPAK NALLASWAMY
2)Dr. ASHA S HARIHARAN
3)Dr. SURESH V

(57) Abstract :
NOT SUBMITTED

No. of Pages : 6 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044605 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR FACILITATING REMOTE GIFT PURCHASING

(51) International classification	:G06Q0030060000, G06Q0030020000, F24D0019100000, G07G0001140000, G07G0001000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NAKKYUN CHONG
Address of Applicant :#20, Devaki Krishna, 2nd Floor, 1st Main road, Defence Colony, Indranagar, Bangalore 560038, Karnataka Karnataka India
(72)**Name of Inventor :**
1)NAKKYUN CHONG

(57) Abstract :
SYSTEM AND METHOD FOR REMOTE GIFT PURCHASING A system and method for remote gift purchasing to presented herein. A first end user computing device102, a second end user computing device104, and a third end user computing device105 are configured establish bidirectional wireless-communication with a gift management module 106 over a network110. The gift management module106 allows a user to access the system as a purchaser or a recipient. A list of products is presented to the purchaser to browse and select a gift from. The selected gift it purchased by the purchaser, a voucher is generated in response to the purchase. The voucher is delivered to the recipient using which the gift can be redeemed at a brand store. The system allows remote gift purchasing without any restriction of number of purchasers and recipients. The gift can be purchased from a desired brand, irrespective of user™s location. <>

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044609 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : BONE ANCHORED MANDIBULAR ADVANCEMENT

(51) International classification	:A61C0007000000, A61C0007360000, A61C0007080000, A61B0017800000, A61F0002300000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAVEETHA DENTAL COLLEGE AND HOSPITAL, SAVEETHA UNIVERSITY, SAVEETHA INSTITUTE OF MEDICAL AND TECNICAL SCIENCE,
Address of Applicant :162, Poonamallee High Road, Velappanchavadi, Chennai, Tamilnadu, India-600077 Tamil Nadu India
(72)**Name of Inventor :**
1)Dr. BALAVENKATA BHARATHI CHATURVEDULA
2)Dr. SRIRENGALAKSHMI M
3)Dr. DEEPAK NALLASWAMY VEERAIYAN

(57) Abstract :
Orthodontic and Orthopedic management of skeletal Class II malocclusions in growing children often is done with the help of myofunctional appliances. These posed complications of poor patient compliance further leading to the evolutions of fixed functional appliances such as the Jasper Jumper, Herbst, Forsus, AdvanSync and so on. These appliances were able to eliminate the need for patient compliance but were bulkier and more difficult to wear and work with. These also were shown to provide more of dentoalveolar changes than the needed skeletal changes. Recent trends in orthodontics indicate a shift toward the use of skeletal/absolute anchorage systems. TAD's have gained popularity due to their ease of placement, availability and ability to facilitate multiple biomechanics and tooth movement. This Bone anchored functional appliance aims to combine components of both skeletal anchorage and functional jaw orthopedics, while simultaneously using heavy intra oral elastics

No. of Pages : 5 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044613 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : RODSLOT ATTACHMENT

(51) International classification	:E02F0003960000, C09D0005160000, B66F0009180000, A01D0045020000, B26B0019200000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAVEETHA DENTAL COLLEGE AND HOSPITAL, SAVEETHA UNIVERSITY, SAVEETHA INSTITUTE OF MEDICAL AND TECNICAL SCIENCE
Address of Applicant :SAVEETHA DENTAL COLLEGE, SIMATS, 162, P.H ROAD, CHENNAI-600 077, TAMILNADU, INDIA. Tamil Nadu India
(72)**Name of Inventor :**
1)DEEPAK NALLASWAMY
2)HARSH KASABWALA

(57) Abstract :
Not Submitted..

No. of Pages : 7 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044616 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : S-SLOT ATTACHMENT

(51) International classification	:H04W0016120000, E02F0003960000, H04B0003540000, H04W0040240000, C09D0005160000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAVEETHA DENTAL COLLEGE AND HOSPITALS SAVEETHA INSTITUTE OF MEDICAL SCIENCES
Address of Applicant :SAVEETHA DENTAL COLLEGE, SIMATS, 162, POONAMALLE HIGH ROAD, VELAPANCHAVADI, CHENNAI-600 077, TAMILNADU, INDIA. Tamil Nadu India
(72)**Name of Inventor :**
1)Dr.DEEPAK NALLASWAMY
2)Dr.MINAL TULSANI

(57) Abstract :
NOT SUBMITTED

No. of Pages : 5 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044633 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : Method and AMF controller for optimizing N2 signalling in wireless communication network

(51) International classification	:H04W0036000000, H04W0072040000, H04N0021240000, H02J0003000000, H04W0080040000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Samsung Electronics Co., Ltd.
Address of Applicant :Samsung Electronics Co., Ltd. Korean Republic of Korea House No. 129 Street Samsung-ro, Yeongtong-gu, City Suwon-si State Gyeonggi- do Country Republic of Korea Pin code 443-742 Republic of Korea
(72)**Name of Inventor :**
1)Dinakar Reddy Yammanuru

(57) Abstract :
ABSTRACT Method and AMF controller for optimizing N2 signalling in wireless communication network • Embodiments herein disclose a method for optimizing N2 signalling in a wireless communication network. The method includes sending, by an AMF controller (100a), Session Management Function (SMF) ID (s) and User Plane Function (UPF) ID (s) associated with session (s) to a gNodeB (gNB) (200a) over N2 signalling interface. Further, the method includes determining, by the AMF controller (100a), a network function (NF) restart or a NF failure associated with a SMF controller (s) (300a) and a UPF controller (s) (400a) due to which the session (s) is to be terminated; and sending, by the AMF controller (100a), a NF Restart indication message comprising the SMF ID (s) or the UPF ID (s) to the gNB (200a) indicating the session (s) to be terminated. FIG. 3A

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044652 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : PROCESS FOR THE PREPARATION OF POLYSULFATED XYLAN

(51) International classification	:A61K0031737000, C08J0003090000, D01D0001020000, A61K0009000000, A61Q0019060000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)GVK BIO PRIVATE LIMITED
Address of Applicant :28A, IDA NACHARAM, HYDERABAD - 500 076, ANDHRA PRADESH, INDIA.
Andhra Pradesh India
(72)**Name of Inventor :**
1)KIRAN KOTHAKONDA
2)BHATRAJU SREENIVASA RAO
3)DATHU REDDY YERVALA

(57) Abstract :
The present invention is directed to robust process for preparation of polysulfated xylan of formula (I) or salt thereof.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

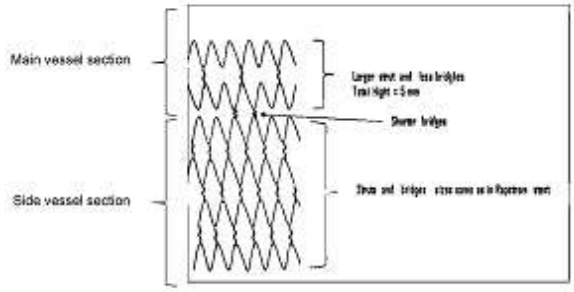
(21) Application No.201941044672 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN IMPROVED BIFURCATION STENT DESIGN

(51) International classification	:A61F0002958000, A61F0002915000, A61M0025100000, A61F0002954000, A61F0002910000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)VASMED HEALTH SCIENCES PVT. LTD.
Address of Applicant :Plot No. #160, #161, KIADB Obedanahalli Industrial Area, Doddaballapura 3rd Phase, Devanahalli Taluk, Bangalore Rural, Karnataka - 561 205, INDIA
Karnataka India
(72)**Name of Inventor :**
1)Dr. Imad Sheiban
2)Jayaprasad K.R. Pillai

(57) Abstract :
The present invention discloses an improved design for a bifurcation stenting device that comprises an expandable stent with a main vessel section, a side vessel section and a dual balloon catheter for expanding the stent. The shorter main vessel section is made of larger struts with less bridge. The longer side vessel section is made of shorter struts and less number of bridges. The main vessel section and the side vessel section are linked by a single bridge, having length smaller compared to other bridges. The main vessel section is formed by a combination of closed cell structure and an open cell structure. The side vessel section is formed by a combination closed cell structure and open cell structure or a closed cell structure, as shown in FIG. 1. The stent is crimped on the dual balloon catheter for expanding during the deployment process.



No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044674 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NEONATAL PHOTOTHERAPY INSTRUMENT FOR BREAKING BILIRUBIN

(51) International classification	:A61N0005060000, F25D0019000000, A42B0001040000, B62B0009140000, A61G0011000000	(71)**Name of Applicant :** **1)KANTHI, RAJASHEKHARA KIRAN** Address of Applicant :#201, 2ND floor, Giriraj Apartments, 4th Cross, Adarsh Nagar, Hubli, Karnataka, India-580032. Karnataka India
(31) Priority Document No	:NA	(72)**Name of Inventor :** **1)KANTHI, RAJASHEKHARA KIRAN**
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Aspects of the invention are directed towards a neonatal phototherapy instrument for breaking bilirubin. One or more embodiments of the invention describe a phototherapy instrument (20) comprising a hood (1) adapted to penetrate light in skin for breaking bilirubin. The phototherapy instrument (20) also comprises a flexi neck tube (-3) adapted to maneuver the hood (1) in one or more directions, wherein the flexi' neck tube (3) has a first end and a second end and the first end is connected/coupled with the hood (1). The phototherapy instrument (20) further comprises a back panel (5) connected with the second end of the flexi neck tube (3), wherein the back panel (5)comprises a clamp (12) adapted to removably mount or attach the phototherapy instrument on an item (16). Fig 1.

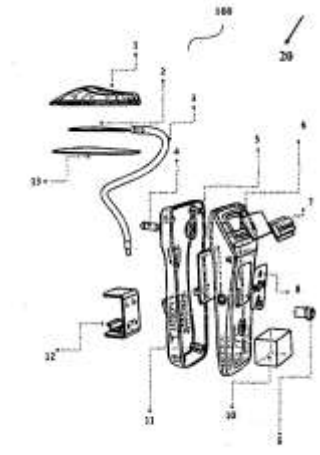


FIGURE 1

No. of Pages : 18 No. of Claims : 9

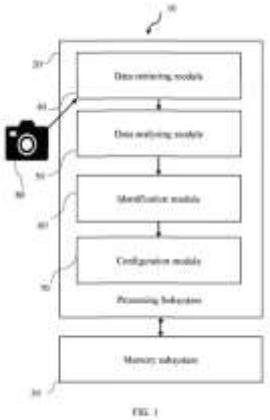
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044676 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD TO CONFIGURE AN IMAGE CAPTURING DEVICE WITH A WIRELESS NETWORK

(51) International classification	:H04N0005232000, G01N0021880000, H04W0004000000, G01N0021210000, G11B0019280000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)E-CON SYSTEMS INDIA PRIVATE LIMITED
Address of Applicant :RISHABH INFO PARK, RR TOWER IV, 7TH FLOOR, SUPER A-16 & A-17, THIRU-VI-KA INDUSTRIAL ESTATE, SIDCO INDUSTRIAL ESTATE, GUINDY, CHENNAI, TAMIL NADU 600032, INDIA Tamil Nadu India
(72)**Name of Inventor :**
1)ASHOK BABU KUNJUKKANNAN

(57) Abstract :
A system to configure an image capturing device with a wireless network is disclosed. The system includes a processing subsystem. The processing system is communicatively coupled to the image capturing device. The processing subsystem includes a data retrieving module, configured to retrieve data from at least one of a plurality of captured data associated with a wireless network. The processing subsystem includes a data analysing module, configured to analyse a plurality of retrieved data by an analysing technique in real time. The processing subsystem includes an identification module, configured to identify a corresponding wireless network based on a plurality of analysed data and also configured to generate command to connect with the corresponding wireless network. The processing subsystem includes a configuration module, is configured to connect the image capturing device with the corresponding wireless network based on a generated command in real time. FIG. 1



No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044684 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ARTIFICIAL INTELLIGENCE ENABLED MIXED REALITY SYSTEM AND METHOD

(51) International classification	:H04L0029080000, G06N0003000000, G06N0020000000, G06T0019000000, G06K0009620000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Cognizant Technology Solutions India Pvt. Ltd.
Address of Applicant :Techno Complex, No. 5/535 Old Mahabalipuram Road Okkiyam Thoraipakkam Chennai 600 097, Tamil Nadu India Tamil Nadu India
(72)**Name of Inventor :**
1)Rajkumar Joseph
2)Safuvan Puthan Peedika
3)Arun Muthuraj Vedamanickam
4)Rajgopal Appakutty
5)Purwa Rathi

(57) Abstract :
The present invention relates to an artificial intelligence based system and method for moderating interaction between interacting users. The attempt is to improve emotional intelligence of users so that a seasoned response and reaction is observed during interaction, even if situations of conflict arise. The disclosure, thus, provides for a mixed reality glass powered assistant that displays the moderated expressions of a customer to the service provider. For the same, the analytical engine upon determining the negative emotions of customer, transforms the image of customer and adds smile to his face, which is presented to the service provider via a mixed reality glass so that he responds back to the customer in a positive manner.

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044690 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND SYSTEM FOR SPARSE RECOVERY OF BEAM MEASUREMENTS IN MILLIMETER WAVE SYSTEMS FOR 5G-NR

(51) International classification	:H04L0005000000, H01Q0003260000, G01S0013860000, G06K0009460000, G06F0011140000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Samsung Electronics Co., Ltd.
Address of Applicant :House No. 129,Samsung-ro, Street Yeongtong-gu, Suwon-si, Gyeonggi-do City - State - Country Republic of Korea Pin code 443-742 Republic of Korea
(72)**Name of Inventor :**
1)Jyotirmoy karjee
2)Ashok kumar Reddy Chavva

(57) Abstract :
ABSTRACT Method and system for sparse recovery of beam measurements in millimeter wave systems for 5G-NR • Embodiments herein disclose a method for a sparse recovery of beam measurements at a UE (104) for mmWave system (100). The method includes receiving, at UE (104), a beam vector from a base station (102). The method includes tracking, by UE (104), beam sub-space or an adaptive beam sub-space using the received beam vector based on a signal strength or the beam measurements. The method includes calculating, by UE (104), a prediction vector and a residual error vector based on the sparse vector of tracked beam sub-space or adaptive beam sub-space. The method includes updating, by UE (104), the beam sub-space or the adaptive beam sub-space using an L2 norm and L1 norm cost function based on the prediction vector and the residual error vector. The method further includes calculating, at the UE (104), the spare recovery of beam measurements based on the new residual beam vector.

No. of Pages : 31 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044717 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A STRUCTURE OF A COVERING ELEMENT FOR A FASTENER

(51) International classification	:B25B0029020000, B23P0019060000, A61B0017700000, A46B0005020000, E04B0001210000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VOGO AUTOMOTIVE PVT. LTD.
Address of Applicant :#483, 17TH CROSS, 27TH MAIN ROAD, SECTOR 2, HSR LAYOUT, BANGALORE 560102, KARNATAKA, INDIA Karnataka India
(72)**Name of Inventor :**
1)Abhimanyu Goyal
2)Rakesh Damodaran
3)Rajesh Ajay Siyal
4)SAAGAR MOHAMMED
5)Rishit Jayendra Shah
6)Naveen S

(57) Abstract :
A structure of a covering element used to prevent unauthorized removal of a fastener is provided. The structure includes a hollow locking part including multiple internal threads on an inner surface of the hollow locking part, and mechanically coupled to the fastener such that the hollow locking part covers the fastener. The structure includes a solid shearing part mechanically coupled to the hollow locking part via a solid bridging part. The solid shearing part fastens the hollow locking part to the fastener. The solid bridging part corresponds to a pre-defined shape with a first end and a second end. The solid bridging part breaks away from the hollow locking part upon applying a pre-defined force to the solid shearing part for fastening the hollow locking part to the fastener, thereby providing no grip for the fastener to be removed and hence preventing the unauthorized removal of the fastener. FIG. 1

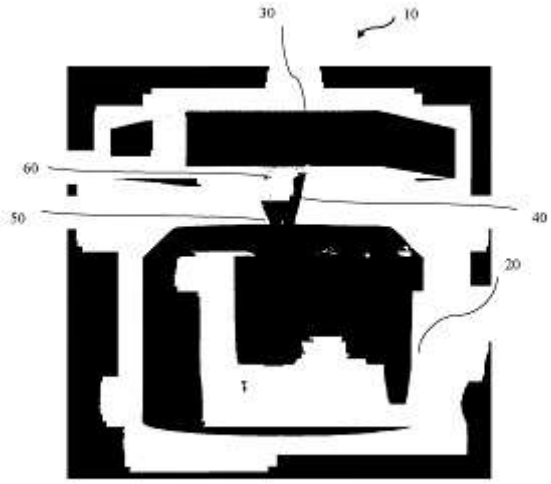


FIG. 1

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044720 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN ALERT SYSTEM FOR RAILWAY TRACK BREAKAGE

(51) International classification	:A61B0005110000, B61L0023040000, B61L0025020000, G08B0021100000, B61L0003000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)B.M.S. Institute of Technology and Management
Address of Applicant :Avalahalli, Yelahanka, Bengaluru, 560064, Karnataka, India Karnataka India
(72)**Name of Inventor :**
1)Ashwini N
2)Manjunath T N
3)Brinda P
4)Nikitha P
5)Ramachandra V G S
6)Harish S

(57) Abstract :
ABSTRACT AN ALERT SYSTEM FOR RAILWAY TRACK BREAKAGE The present disclosure provides an alert system for railway track breakage using a communication circuit. The system for detecting and communicating the railway track breakage includes a sensor module 101, a LCD 103 module, a GPS module, a GSM 104 module and a micro-controller 102 module. The sensor module configured for identifying the railway track breakage and receives current through solar panel. The LCD 103 module configured to display the output of the sensor, the GPS module configured for locating the exact location of the crack and the GSM 104 module configured for sending the alert message to the railway officials in case of LOW output from sensor module. The microcontroller 102 module configured for collecting the required information from the sensor and getting the exact location from GPS and sending alert signal through GSM 104 to the railway officials in case of track breakage. (Fig.1)

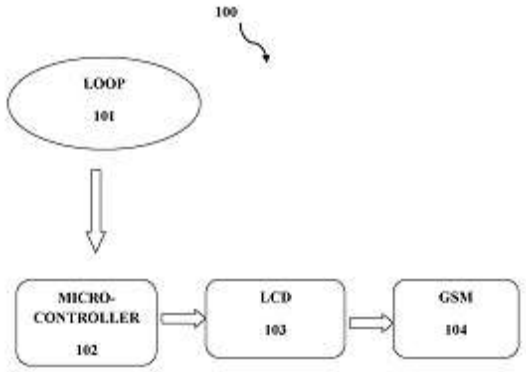


Fig. 1

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044738 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SAFE CHAIN

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Gaurav Sharma
Address of Applicant :FC-95, Tagore Garden, New Delhi-110027, India Telangana India
(72)**Name of Inventor :**
1)Gaurav Sharma

(57) Abstract :
ABSTRACT TITLE : SAFECHAIN SafeChain is a novel open-ended submission process which generates a unique SafeChain ID; which ensures convenience, ease and security in application submissions for anyone and everyone; which redefines privacy control in a manner never seen before; which brings the individual identity at the very core of any submission; which makes the submitter or the Candidate the driver of a process than be a chaser as seen in any process today; which innovatively becomes an open process between two defined ends ensuring that it is infinitely expandable, yet wholly controlled. SafeChain ID generated through an electronic interface that has been built innovatively on the strong foundations of Identity Management, giving irrevocable and irrefutable trust on the Identity and / or Credentials and / or the purpose that an applicant is applying for or wishes to achieve; with defined or un-defined actors participating through defined or un-defined process in finite or in-finite steps; in preset or ad-hoc need based steps for specified outcomes in the direction of achieving the said submission purpose or as an input and / or addendum to some other submission process and / or submission purpose.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044739 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SAFE SMS

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Gaurav Sharma
Address of Applicant :FC-95, Tagore Garden, New Delhi-110027, India Telangana India
(72)**Name of Inventor :**
1)Gaurav Sharma

(57) Abstract :
ABSTRACT TITLE : SAFESMS SafeSMS is a novel, publicly secure, open-ended messaging process providing much needed trust to anyone on an identity, which is nothing but, a set of Credentials put together. Be it an individual or an entity, it is the Credentials that form up, shape up and define an Identity. However, one of the most disregarded aspect of an Identity is also its privacy, wherein the credential owner or the Identity itself no longer remains the driver of privacy owing to ˜instant™ requirements which suddenly appear and need to be urgently complied to. SafeSMS safeguards the trust that is expected from an Identity on genuineness as well as privacy. SafeSMS is a simple process that can be implemented in / by any Identity / Credential repository and is technology agnostic. Simply put, using a simple pre-configured system generated message transmitted through regular or contemporary message transmission protocols, but triggered only by the said user as an when any one needs to know the status of the Credential being presented.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019
(21) Application No.201941044740 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM FOR OPERATING JOYSTICK

(51) International classification	:G05G0009047000, H04L0012280000, G06F0001160000, G06F0003035400, F01K0013020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Indian Institute of Science
Address of Applicant :C V Raman Road, Bangalore -560012, Karnataka, India. Karnataka India
(72)**Name of Inventor :**
1)SHARMA, Vinay Krishna
2)BISWAS, Pradipta

(57) Abstract :
The present disclosure provides a system for controlling operations of a joystick. The system includes: an input unit comprising a set of sensors, the set of sensors to sense input gestures and generate an input signal corresponding to the sensed input gestures; one or more rotary devices operatively coupled to one or more controlling pins of the joystick to move the corresponding controlling pins; and a control unit operatively coupled to the input unit and the one or more rotary devices, the control unit configured to: extract one or more attributes from the generated input signal; and generate a control signal by comparing the extracted one or more attributes with a dataset comprising a set of predefined attributes and corresponding control action, wherein the one or more rotary devices move the corresponding controlling pins in response to the generated control signals.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201941044741 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A REVERSIBLE BLAZER

(51) International classification	:A41D0015000000, A61K0047640000, C07K0001113000, A41D0001020000, E21B0004140000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)KASEY SRI HARSHA
Address of Applicant :Plot No 98, Prashasan Nagar, Road No 9, Opposite Water Tank, Film Nagar, Jubilee Hills, Hyderabad, Telangana, India, PIN-500110 Telangana India
(72)**Name of Inventor :**
1)KASEY SRI HARSHA

(57) Abstract :
A REVERSIBLE BLAZER The present invention relates to a seamlessly reversible blazer 100. The blazer 100 includes an inner side and outer side wherein each side has a different colour and/or pattern and a pair of lapels 102 connected to the blazer 100. Each side of the lapel 102 has a different colour and/or pattern. The lapels 102 are connected to the blazer 100 with a micro-spiral thread attachment to make the lapels 102 rotatable by 360° to form a seamlessly reversible blazer 100. Figure of Abstract: FIG. 1

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2019

(21) Application No.201941044782 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND APPARATUS FOR MONITORING OF ELECTRIC DRIVES IN AN INDUSTRIAL SYSTEM

(51) International classification	:G06F0003060000, G05B0023020000, G06F0011300000, G16H0050200000, G08B0027000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ABB Schweiz AG
Address of Applicant :Brown Boveri Strasse 6, CH-5400 Baden, Switzerland Switzerland
(72)**Name of Inventor :**
1)Saurabh Kumar Sharma

(57) Abstract :
A method (500) of monitoring an industrial plant, implemented by an apparatus (200), includes receiving (502) operational data (230) from each of a plurality of electric drives (202, 204, 206) via a corresponding communication interface (240, 242, 244). The method (500) further includes converting (504) the operational data (230) from a pre-determined data format to a machine-readable data (232) format and determining (506) a plurality of events (234) for each of the plurality of drives based on the corresponding machine-readable data (232). The method (500) includes determining (508) a plurality of critical events (236) corresponding to the plurality of drives based on the plurality of events (234) and generating (510) a recommendation (236) based on at least one of the plurality of critical events (234). The method (500) also includes presenting (512) the recommendation (236) on an output device in a human readable format. FIG. 5

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2019

(21) Application No.201941044812 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : PROCESS FOR THE PREPARATION OF BRIGATINIB

(51) International classification	:C07F0009655800, C12P0021000000, C07D0233640000, G06K0009620000, C07F0009020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Mylan Laboratories Ltd
Address of Applicant :Mylan Laboratories Ltd, Plot No 564/A/22, Road No 92, Jubilee Hills, Hyderabad 500033, India Telangana India
(72)**Name of Inventor :**
1)Nitin Hanumant Gaikwad
2)Eswara Reddy Yerva
3)Srinivasa Rao Dasari
4)Mahesh Kumar Gadakar
5)Lakshmana Rao Vadali
6)Sureshbabu Jayachandra

(57) Abstract :
The inventors of the present disclosure have developed an improved process for the preparation of brigatinib and also a process for the preparation of crystalline brigatinib Form A.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2019

(21) Application No.201941044822 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A METHOD FOR DETECTION OF SUBCLINICAL AND CLINICAL MASTITIS AND ASSESSMENT OF MICROBIAL QUALITY OF MILK USING NON-FUNCTIONALIZED IRON OXIDE NANOPARTICLES

(51) International classification	:A01J0005013000, G01N0033040000, C08K0003220000, C12Q0001680000, G01N0033530000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)National Institute of Animal Biotechnology
Address of Applicant :National Institute of Animal Biotechnology (NIAB), Opp. Journalist Colony, Near Gowlidoddy, Extended Q City Road, Gachibowli, Hyderabad, Telangana, 500032, India Telangana India
(72)**Name of Inventor :**
1)Dr. Pankaj Suman
2)Mr. Yathirajarao Tammineni
3)Mr. Pankaj Kumar

(57) Abstract :
The present invention relates to a novel method for detection of subclinical and clinical mastitis and assessment of microbial quality of milk using non-functionalized iron oxide nanoparticles. In an embodiment, the present invention synthesizes iron oxide nanoparticles by reverse precipitation in one step process. The iron oxide nanoparticles are allowed to interact with somatic/inflammatory cells shed in milk sample for its detection. The said iron oxide particles having cells adsorbed on the surface are removed from solution using magnet and visualized by addition of detergent Tween 20. In the present invention, aggregation visualization module (AVM) aides in visualization of aggregates and invention can detect upto 1,000 cell/mL. The present invention provides result within 10 minutes and enables quick screening of several samples with 200 times higher sensitivity as compared to California Mastitis Test •

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2019

(21) Application No.201941044898 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SIDE TIPPING TRAILER

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Varadharajan Ponnudurai
Address of Applicant :17-A, Dr. Radhakrishnan Street, Chinthamanipudur, Coimbatore 641 103, India Tamil Nadu India
(72)**Name of Inventor :**
1)Varadharajan Ponnudurai

(57) Abstract :
Embodiment herein provide a side tipping trailer including a chassis (1) supported on wheels (2), a bin (3) mounted on the chassis (1), a primary cylinder (4) adapted to permit translational movement of the bin (3) relative to the chassis (1), a slider (5) connected to the primary cylinder (4) using a connector (6) to guide a trajectory of the primary cylinder (4) to reach a particular height, a container (8) enclosing the bin (3) and is connected to the primary cylinder (4), and a secondary cylinder (9) mounted on the container (8) and is connected to a lower side (10) of the bin (3) to permit translational movement of the lower side (10) of the bin (3) relative to the container (8), The movement of the lower side (10) of the bin (3) makes the material to be tipped at a predefined distance from wheels (2) of the trailer. FIG. 3B

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2019

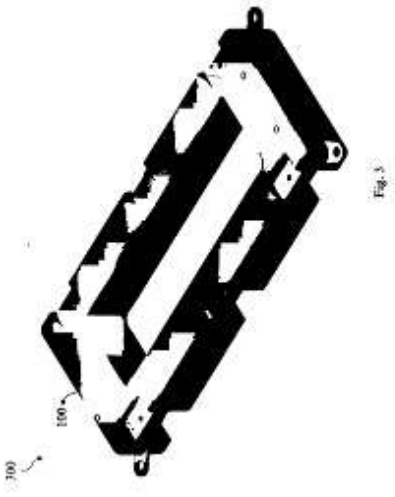
(21) Application No.201941044918 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR MODULAR SOLAR FLOAT

(51) International classification	:H01L0031180000, F24S0025000000, H02J0007350000, F24S0020670000, F24S0025636000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Tata Power Solar Systems Ltd.
Address of Applicant :78, Electronic City, Phase 1, Hosur Road, Bangalore Karnataka India
(72)**Name of Inventor :**
1)Natarajan Mani
2)N Murali

(57) Abstract :
The present invention discloses a system and method for a modular solar float (100). The modular solar float (100) can enable the mounting of one or more Photo Voltaic (PV) modules (202) on a single modular solar float (100). Additionally, the modular solar float (100) is designed and constructed to allow easy clamping (204, 206) and multiple integrated clamping platforms (102) between the modular solar float (100) and each PV module (202) to be mounted on the modular solar float (100). Further, the depicted modular solar float (100) comprises an opening that increases the back-side area of the PV module (202) that is exposed to the water underneath the solar float.



No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2019
(21) Application No.201941044945 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : Eazyrider's Telescopic Pedals

(51) International classification	:B62K0003000000, B62M0001360000, B62M0003040000, B62M0003060000, B62M0003000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)R. PRAKASH URS
Address of Applicant :No.204B, ˜Ujjwala™, 5th ˜A™ Cross, 5th Main Bahubalinagar, Jalahalli Post, Bangalore 560 013. Karnataka India
(72)**Name of Inventor :**
1)R. PRAKASH URS

(57) Abstract :
This is a drive mechanism adopted on Drive Sprocket for bicycles where the pedaling force is transferred to the Sprocket through Variable Length Pedal Bars with higher leverage reducing the pedaling fatigue to a great extent.The Pedal Bar gets longer and gives more leverage only at an adequate segment of the Pedaling Circle and gets collapsed when the drive is not passing through it, alternatively on Right and Left Pedal Bars, by which the maximum force is transferred to the Sprocket conveniently, where the Sprocket Center and the Pedaling Circle Centers are different, by which they give a better pedalingperformance with a higher mechanical leverage.Similar mechanism can be adopted in the embodiment of an automobile engine, with Telescopic Crank Rod with the Drive Shaft (Crankshaft) where the Telescopic Crank Rods are connected to a Dummy Hub on either sides of a Crank Rod.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2019

(21) Application No.201941044946 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NEUROPROTECTIVE EFFECT OF DEMETHOXYCURCUMIN ON ROTENONE INDUCED SH-SY5Y NEUROBLASTOMA CELL AND ALBINO WISTAR RAT MODELS OF PARKINSON™S DISEASE

(51) International classification	:G01N0033500000, A01K0067027000, A61K0049000000, G16H0010200000, C12N0015850000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
Address of Applicant :173, Agharam Road, Selaiyur, Chennai 600 073 Tamil Nadu India
(72)**Name of Inventor :**
1)M. Ramkumar
2)Dr. S. Rajasankar

(57) Abstract :
ABSTRACT Neuroprotective effect of Demethoxycurcumin on rotenone induced SH-SY5Y Neuroblastoma cell and Albino Wistar rat models of Parkinson™s disease Parkinson™s disease (PD) is a neurologic condition allied with the depletion of dopaminergic neurons of substantia nigra that affects coordination and motor task. The pathology of PD is multidimensional, in which neuroinflammation, oxidative damage and dysfunction of mitochondria were the major lethal cause™s involve in the casualty of neurons of dopaminergic tract in PD and recognized as central objectives for curative intervention. Current study evaluated the neuro-protective outcome of demethoxycurcumin (DMC), against neurotoxicity inducted by rotenone in in vitro and in vivo PD models. SH-SY5Y neuroblastoma cells and albino wistar rats were employed in cell line and animal experiments respectively. In in vitro model, cell viability via MTT assay, reactive oxygen species levels, mitochondrial membrane potential and apoptotic protein expression were analyzed. In in vivo behavioural analysis, neurochemical and oxidant - antioxidant parameters were analysed in acute study. In in vivo chronic study in order to prove therapeutic efficacy and neuroprotective effect of DMC against rotenone induced PD rat model following parameters were analysed : behavioural (motor & non motor) analysis, the expression of inflammatory markers by western blot analysis in substantia nigra of PD rat model and apoptotic indices. although additional investigation is required to confirm its worth in clinical trial, the outcome of current investigation reveal that DMC could afford hopeful and latest curative front for the management of neurodegenerative disease™s including PD may be linked with its neuroprotective and antioxidant effects.

No. of Pages : 25 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941044985 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CUTTING TOOL TO DRILL SQUARE HOLES

(51) International classification	:B23C0005100000, B23B0051000000, A61B0034200000, B23B0039140000, B23B0041040000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
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(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VELLORE INSTITUTE OF TECHNOLOGY
Address of Applicant :KATPADI, VELLORE-632014, TAMIL NADU, INDIA. Tamil Nadu India
(72)**Name of Inventor :**
1)Rajyalakshmi G
2)Aravind Raj S
3)Pushparaj R M

(57) Abstract :
CUTTING TOOL TO DRILL SQUARE HOLES A cutting tool (100) to drill square holes in a workpiece includes a tool tip (102) integrated with a first end of the cutting tool (100), a reuleaux triangle (106) mounted on the tool tip (102) and a broach base (110) mounted on the reuleaux triangle (106). The tool tip (102) penetrates into the workpiece and the reuleaux triangle cuts an initial square in the workpiece on rotating the cutting tool (100). The tool tip (102) includes one or more first flutes (104A-N) and the releaux triangle (106) includes one or more second flutes (108A-N) to provide chip flow in the cutting tool (100). The broach base includes one or more teeths (112A-N) to broach the initial square to obtain an accurate square hole in the workpiece. FIG. 1

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941044987 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN APPARATUS AND METHOD FOR OPERATING OPTICAL INSTRUMENTS FOR RENDERING 3D VIEW OF A VISUAL/OPERATING SITE IN REAL TIME

(51) International classification	:G02B0021000000, H04N0005232000, A61B0003000000, A61B0001313000, H04N0013243000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAMPANGI, Raju
Address of Applicant :156, Kantha Nivas, 3rd Stage, 3rd Phase, 1st Block, Banashankari, Bangalore -560085, Karnataka, India Karnataka India
2)RAMANJULU, Rajesh
3)BANGALORE CHIKKA HANUMANTHAPPA, Hemalatha
(72)**Name of Inventor :**
1)SAMPANGI, Raju
2)RAMANJULU, Rajesh
3)BANGALORE CHIKKA HANUMANTHAPPA, Hemalatha

(57) Abstract :
ABSTRACT AN APPARATUS AND METHOD FOR OPERATING OPTICAL INSTRUMENTS FOR RENDERING 3D VIEW OF A VISUAL/OPERATING SITE IN REAL TIME The present invention provides an apparatus, system, and method thereof for operating commercially available standard optical instruments such as microscopes (104, 201), or slit lamps. The apparatus includes an arrangement of a plurality of optical elements such that the apparatus captures images of a surgical site to produce the images on a camera sensor of an image capturing device, that renders the captured images in real time multi-dimensional visualization at a 3D viewer. The apparatus can be used with commercially available image capturing device, such as Mirrorless/ DSLR or video camera for outputting real time multi-dimensional visualization at commercially available 3D viewers, such as a TV, monitor, AR/ VR headset, etc. Additionally, output of the image capturing device is directly fed into the 3D viewer as plug and play; therefore, the present apparatus will have only a negligible time lag in image rendering.

No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941045037 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN ACCIDENT IDENTIFICATION AND INFORMATION SYSTEM FOR HIGHWAYS

(51) International classification	:G08G0001096800, G08G0001000000, G08G0001010000, G08G0001040000, G08B0025010000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Bannari Amman Institute of Technology
Address of Applicant :Bannari Amman Institute of Technology Sathyamangalam, Erode(Dt), TamilNadu-638401 Tamil Nadu India
2)Dr.J.Vijay Franklin
3)K.V.Kiruthikaa
4)S.Yuvaraj
5)R.Ramya
(72)**Name of Inventor :**
1)R.Rajesh
2)R.Reenadevi

(57) Abstract :
Due to increase in human population, automobiles used by people also increasing every year, which in turn results in increased traffic hazards and road accidents. An Accident Identification and Information System for Highways (AJISH) is specifically designed for detecting any accident in the highway roads and reporting it to the control room or the third parties for quick response based on loT technology with lowest communication cost. The proposed system is powered by microcontroller unit that consists of ESP8266 Wi-Fi-microchip, an ultrasonic sensor, a 180° rotatable camera, a GSM module, a GPS module and a servo motor and cloud storage unit for storing images. Whenever an accident or a hazardous incident occurs, it will be detected by the ultrasonic sensor and the image of the incident will be captured by the camera and it will be notified to the control room through GSM module integrated with GPS technology.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941045055 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : HYDRAULIC SYSTEM FOR HYDRO-MECHANICAL MACHINES

(51) International classification	:A23K0020147000, C12P0019040000, B82Y0030000000, C22B0003000000, C08L0097020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)L&T TECHNOLOGY SERVICES LIMITED
Address of Applicant :DLF IT SEZ PARK, 2ND FLOOR - BLOCK 3, 1/124, MOUNT POONAMALLEE ROAD, RAMAPURAM, CHENNAI - 600 089. TAMILNADU, INDIA Tamil Nadu India
(72)**Name of Inventor :**
1)ATUL CHANDRA TRIPATHI
2)SHAILENDRA J SHRIVASTAVA

(57) Abstract :
This disclosure relates to a hydraulic system for a hydro-mechanical machine comprising a rotary mechanism 102 and a boom cylinder 158. The hydraulic system includes a primary accumulator 114 configured to receive and store high-pressure fluid in response to starting and stopping of the rotary mechanism 102. A control system 126 configured to enable passage of the high-pressure fluid stored in the primary accumulator 114 to a rotary control valve 108 configured to control the rotary mechanism 102, and a boom control valve 154 configured to control the boom cylinder 158 through the hydraulic supply circuit 100, based on a predefined pressure threshold associated with the primary accumulator 114. A secondary accumulator 138 coupled to the primary accumulator 114 and the control system 126 via the hydraulic supply circuit 100 is configured to store surplus high-pressure fluid provided by the primary accumulator 114 through the hydraulic supply circuit 100.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941045063 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A DIAL AND A CASE ASSEMBLY FOR A TIMEPIECE

(51) International classification	:G04B0019100000, G04C0010020000, G01D0011280000, G04B0019060000, G04G0009000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)TITAN COMPANY LIMITED
Address of Applicant :˜Integrity' No.193, Veerasandra, Electronics City P.O., Off Hosur Main Road, Bangalore - 560100 Karnataka India
(72)**Name of Inventor :**
1)PRIYAL SOGANI
2)RAGHAVENDRA KULKARNI

(57) Abstract :
TITLE: A DIAL AND A CASE ASSEMBLY FOR A TIMEPIECE • ABSTRACT A dial assembly (101) for a time piece (100) is disclosed. The assembly (101) includes a dial plate (6) and a ring (2). The dial plate (6) is provided with an inner and outer radial surface (6a and 6b), and a concave portion (6d) is defined in the outer radial surface (6b). A ring (2) is housed on the dial plate (6) and an internal surface includes a chamfered portion (11). The chamfered portion (11) of the ring (2) is provided with a plurality of markings (3). The chamfered portion (11) cooperates with the concave portion (6d) of the dial plate (6). The timepiece (100) is visually appealing since the light incident on the concave portion (6d) reflects onto the chamfered portion (11) of the ring (2) and illuminates the plurality of markings (3) to reproduce the image of the markings (3) on the dial plate (6). Fig. 1 is the representative figure.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941045091 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : FUEL TYPE VOICE INDICATOR

(51) International classification	:B60K0015050000, F02B0003060000, B60K0015040000, B67D0007340000, B60K0015030000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION,
Address of Applicant :ANAND NAGAR, KRISHNANKOIL SRIVILLIPUTTUR (VIA VIRUDUNAGAR DT), TAMILNADU, INDIA, PIN - 626 126. Tamil Nadu India
2)P.JAYAKUMAR
(72)**Name of Inventor :**
1)S.SHASI ANAND
2)P.JAYAKUMAR
3)Dr.A.LAKSHMI
4)Mr. M. SAKTHI MOHAN
5)Dr.M.PALIKONDA RAJASEKARAN
6)K.SUTHENDRAN

(57) Abstract :
ABSTRACT Modern diesel engines have made it a lot harder to find the difference between petrol car and diesel car because of smoothness of diesel engine. But the two types of engine are still completely different. It can cause serious damage by putting diesel in a petrol car, or the other way around. Aside from droning the fuel tank, a mechanic might have to clean or replace the entire fuel injection system, which can cost more. Insurance won't cover the cost, so- unless got some extra protection that covers misfuelling', that's not possible. This invention relates to an automatic, fuel type indication system, mainly designed for the petrol and diesel engine. cars, Micro Sensor mounted inside the fuel door send the signal to controller when opening the fuel lid, then announce the type of fuel to be filled in and indicator will glow the name of fuel to be filled in the tank,

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941045103 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR TRACKING VITALS OF A TECHNICAL ENTITY

(51) International classification	:A61B0005020500, A61B0005021000, A61B0005000000, G06Q0040000000, H04W0084180000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)VOGO AUTOMOTIVE PVT. LTD
Address of Applicant :#483, 17TH CROSS, 27TH MAIN ROAD, SECTOR 2, HSR LAYOUT, BANGALORE Karnataka India
(72)**Name of Inventor :**
1)Abhimanyu Goyal
2)Nelson Anthony Lobo
3)Saras Chaudhari
4)Harshit Vaishya
5)GOPU KRISHNAN
6)Pawan K
7)Shubham Rajendra Gaikwad

(57) Abstract :
A system (10) for tracking vital(s) of a technical entity is provided. The system (10) includes a monitoring device (30) coupled to the technical entity which includes a first communication device which receives a connection signal from a user device and establishes a communication link with a second communication device. The monitoring device (30) also includes a data acquisition module (80) which acquires the vital(s) continuously via corresponding sensor(s) housed within the technical entity. Further, the monitoring device (30) also includes a renaming module (100) which receives the vital(s), transforms into a pre-defined format, and renames the first communication device (60) by a second name upon generation of the second name. The monitoring device (30) also includes a vitals-tracking module (110) which tracks the vital(s) of the technical entity on the centralized platform upon extracting the corresponding vital(s) from the second name every time the technical entity is being operated. FIG. 1

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941045105 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR FUEL-MANAGEMENT IN A VEHICLE

(51) International classification	:B60K0015035000, B60K0015030000, B60R0025100000, H01M0016000000, H04W0004020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)VOGO AUTOMOTIVE PVT. LTD
Address of Applicant :#483, 17TH CROSS, 27TH MAIN ROAD, SECTOR 2, HSR LAYOUT, BANGALORE Karnataka India
(72)**Name of Inventor :**
1)PRATHAP S GOWTHAM
2)ABHIMANYU GOYAL
3)PADMANABHAN BALAKRISHNAN
4)SHARATH PARAMESWARAN
5)KARTHIK V

(57) Abstract :
A system for fuel management in a vehicle is disclosed. The system includes a fuel level sensing subsystem to sense a fuel level in a fuel tank of the vehicle; a fuel data notification subsystem to provide a fuel data notification to a user for refilling fuel; a verification subsystem to determine an establishment of connection between an electronic device associated with the user, a communication device of a fuel refilling station and the vehicle, to match a corresponding location of the user, the fuel refilling station and the vehicle with each other, to generate a code and transmit a generated code to the user and a fuel refilling station; an internet of things based equipment located on the vehicle to manage an operation of a fuel tank lid based on an authentication of a generated code by the fuel refilling station to refill the fuel. FIG. 1

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941045107 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A CELL CULTURE PROCESS

(51) International classification	:C12N0005000000, C07K0016000000, C12P0021000000, C07K0016280000, C07K0016240000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Dr. Reddy™s Laboratories Limited
Address of Applicant :8-2-337 Road No. 3, Banjara Hills,Hyderabad,Telangana,India -500034 Telangana India
(72)**Name of Inventor :**
1)Sneha Kannan
2)Akhila Pudipeddi
3)Shyam Prakash
4)Rishabh Mishra
5)Prafulla Mohanlal Mahajan
6)Krishna Prasad Chellapilla

(57) Abstract :
A CELL CULTURE PROCESS ABSTRACT The invention relates to cell culture process for culturing mammalian cell producing a recombinant protein, e.g., an antibody. In particular, the invention provides a cell culture process comprising use of additives to obtain an antibody composition from mammalian cell culture at high titre, wherein the composition comprises low % total afucosylated antibody variants and high % galactosylated variants. Further, the present invention relates to cell culture process for culturing mammalian cell producing a recombinant protein, e.g., an antibody. In particular, the invention provides for mammalian cell culture process comprising use of cell culture medium, feed or additives for producing antibody compositions having predetermined glycosylation profile.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941045108 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A WATER CLOSET

(51) International classification	:A63B0023040000, B60N0002620000, E03D0011160000, A61G0007015000, B63B0035790000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)A. B. Suresh Babu
Address of Applicant :2f, D - Block, Vaikund Govardhan Apartments, ECR Link Road, Shollinganallur, Chennai - 600119, India Tamil Nadu India
(72)**Name of Inventor :**
1)A. B. Suresh Babu

(57) Abstract :
A water closet is disclosed. The water closet includes a pair of thigh support affixed at an upper surface of a water closet body. The pair of thigh support is configured to provide support to the inner thigh portion of a user. The water closet also includes inner surface at a rear section of the water closet body. The inner surface at the rear section is configured to enable the user to sit in a squat position. The water closet also includes a lid placed at the upper surface of the water closet body. The lid is configured to provide a barrier between a body of the user and the water closet body. FIG. 1

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941045137 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : MULTIBAND MIMO ANTENNA FOR PROVIDING 4G COMMUNICATION AND 5G COMMUNICATION SIMULTANEOUSLY

(51) International classification	:H01Q0001380000, H01Q0021280000, H04W0088060000, H01Q0001520000, H01Q0025000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Society for Applied Microwave Electronics Engineering & Research
Address of Applicant :Society for Applied Microwave Electronics Engineering & Research Indian India House No. 2nd Cross Road, C I T Campus, Street Taramani City Chennai State Tamil Nadu Country India Pin code 600113 Tamil Nadu India
(72)**Name of Inventor :**
1)Dr.Patnam Hanumantha Rao
2)Alamanda Baba Rajeev Kumar
3)Mahesh Chaluvadi

(57) Abstract :
ABSTRACT Multiband MIMO antenna for simultaneously providing dual band communication in wireless communication system • Embodiments herein provide a multiband MIMO antenna (100) for simultaneously providing dual band communication in a wireless communication system. The multiband MIMO antenna (100) includes a dielectric substrate, a first radiator and a second radiator etched on either side of the dielectric substrate in a dual slant polarization, wherein the first radiator and the second radiator comprises a plurality of slots arranged in a particular configuration for simultaneously providing the dual band communication. Further, the multiband MIMO antenna (100) also includes a reflector configuration connected to the first radiator and the second radiator, wherein the reflector configuration comprises a first reflector concatenated with a second reflector for the dual band communication; and feed lines passing through the first reflector and the second reflector to reach the first radiator and the second radiator. FIG.1

No. of Pages : 38 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019
(21) Application No.201941045155 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NOVEL PROCESS FOR PREPARATION OF ANTIHISTAMINE AGENT INTERMEDIATES AND USES THEREOF

(51) International classification	:A61K0031440200, A61K0045060000, C07C0067310000, C07D0311760000, C07C0041160000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LEE PHARMA LIMITED
Address of Applicant :Sy. No: 257 & 258/1; Door No: 11-6/56-C; Opp: IDPL Factory; Moosapet; Balanagar (Post), Hyderabad, Telangana, India- 500037 Telangana India
(72)**Name of Inventor :**
1)Srinivas Reddy MALLEPALLI
2)Madhukar GUDA
3)Naresh DONGARI

(57) Abstract :
ABSTRACT NOVEL PROCESS FOR PREPARATION OF ANTIHISTAMINE AGENT INTERMEDIATES AND USES THEREOF The present invention relates to novel process for the preparation of intermediate compounds used in the preparation of Antihistamine agents. The present invention particularly relates to novel process for the preparation of Bilastine intermediate compounds. The present invention more particularly relates to use of intermediate compounds in the preparation of Bilastine or its pharmaceutically acceptable salts having the following structure. Formula A The present invention also relates to novel process for preparation of Bilastine Form-III.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941045166 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A SYSTEM FOR LOCKING A VEHICLE WITH A TRAILER

(51) International classification	:G01S0013930000, B60S0005060000, B60D0001620000, A61K0009510000, B62D0059040000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Mahindra & Mahindra Limited
Address of Applicant :Mahindra Research Valley, Mahindra World City, Plot No: 41/1, P.O. Anjur, Chengalpattu 603004, Distt. Kancheepuram, Tamil Nadu, India Tamil Nadu India
(72)**Name of Inventor :**
1)K Bharathi
2)G Balaji
3)R R Sakthivel
4)S Srinivasan
5)Sudarsanam S
6)Chandrabhan Singh

(57) Abstract :
ABSTRACT A SYSTEM FOR LOCKING A VEHICLE WITH A TRAILER The present invention relates to a system (100) for locking a vehicle (V) with a trailer (T), the system (100) comprising: a hook assembly (110) fitted on the vehicle (V), said hook assembly having a first drive unit (112) for aligning a vehicle toe (114) of the vehicle (V) with a trailer toe (116) of the trailer (T); and a locking assembly (120) fitted on the vehicle (V), said locking assembly having a second drive unit (124) for inserting a locking pin (122) through the vehicle toe (114) aligned with the trailer toe (116) for locking the vehicle (V) with the trailer (T). The present invention enable saving of manpower and time. Further, strenuousness to the user and accidents are easily avoided with the use of the system (100) of the present invention. To be published Ref. Fig. 1

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2019

(21) Application No.201941045192 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A DOUGH EXTRUSION APPLIANCE

(51) International classification	:A21C0011180000, A23P0030200000, A47J0043060000, A21C0011200000, B01F0007080000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS N.V.
Address of Applicant :High Tech Campus 5, 5656 AE Eindhoven, The Netherlands. Netherlands
(72)**Name of Inventor :**
1)ASWATH MUTHUNARASIMHASARMA

(57) Abstract :
A dough extrusion accessory (200) adapted to be mounted as an attachment to a motor driven hand blender (1000) is disclosed. The dough extrusion accessory (200) comprises a gear box assembly mechanism (202), a screw extruder (204) encapsulated within an extrusion barrel (206) and coupled to the gear box assembly mechanism, a feed chute (208) attached to the extrusion barrel for feeding food stuff to be extruded and a plurality of mountable interchangeable extrusion die (210ai, 210a2, .. .210an) having a plurality of aperture shapes and/or configurations wherein selection of the mountable interchangeable extrusion die determines the shape of the extruded food stuff. The disclosed dough extrusion accessory eliminates human effort for extrusion without compromising portability. The disclosed dough extrusion accessory enables the user to easily make dishes like Idiyappam, sevai, murukku, ribbon pakoda, sev, sandige, noodles, pasta etc., Fig 2.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2019

(21) Application No.201947052119 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : DISPLAY APPARATUS

(51) International classification	:H04M0001020000, H04R0001340000, G06F0001160000, H04R0001020000, H04M0001030000
(31) Priority Document No	:10-2018- 0140871
(32) Priority Date	:15/11/2018
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2019/014874 :05/11/2019
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Samsung Electronics Co., Ltd
Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677 Republic of Korea
(72)**Name of Inventor :**
1)Donghyun JUNG
2)Sangchul KO
3)Dongkyu PARK
4)Byeongseob KO

(57) Abstract :
DISPLAbstract TUS A display apparatus includes: a display configured to display an image; a housing configured to support the display; a loudspeaker provided between the display and the housing and configured to output sound; and a sound guide provided on the loudspeaker and configured to guide the sound output by the loudspeaker. The sound guide may include comprise: a directional emitter including: an internal space extending in a first output direction of the sound; and a plurality of holes arranged in the output direction on a first surface facing a second output direction different from the first output direction; and one pair of directional guides protruding from the first surface, the plurality of holes of the directional emitter being interposed between the one pair of directional guides, the one pair of directional guides approaching each other in the second output.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2020

(21) Application No.202044002847 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND DEVICE FOR CONFIGURING NFC SMART CARD

(51) International classification	:G06Q0020340000, H04W0004800000, G06K0019077000, H04B0005000000, G06Q0020400000
(31) Priority Document No	:201911054895.6
(32) Priority Date	:31/10/2019
(33) Name of priority country	:China
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Xiaomi Digital Technology Co., Ltd.
Address of Applicant :No. 2243, 2nd Floor, Building D, Building 33, No. 99, Kechuang 14th Street, Beijing Economic and Technological Development Zone, Beijing 100176 China
(72)**Name of Inventor :**
1)XU, Lina
2)CHI, Yubo
3)CHEN, Zongqiang

(57) Abstract :
A method and device for configuring a Near Field Communication (NFC) smart card are provided. The method includes that: a card selected by a user is received (101), the card being included in a card set corresponding to the user; at least one other card which has no conflict with the selected card in the card set is determined (102); the at least one card and the selected card are added in the NFC smart card (103), where each card in the NFC smart card is in an activated state.

No. of Pages : 51 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2020

(21) Application No.202044014463 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : COMBINE

(51) International classification	:G01N0033533000, H05B0031000000, B01J0020286000, C02F0003280000, B63C0007260000
(31) Priority Document No	:2019-197705
(32) Priority Date	:30/10/2019
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ISEKI & CO., LTD.
Address of Applicant :700 Umaki-cho, Matsuyama-shi, Ehime-ken, Japan Japan
(72)**Name of Inventor :**
1)KITAGAWA, Satoshi
2)IIZUMI, Kiyoshi
3)ISHIGA, Kazuhei
4)MINAMI, Tomohiro

(57) Abstract :
ABSTRACT COMBINE [Object] To provide a combine that collects dust blown to the steering unit from the auger device of the harvest pretrearment device, and discharges the air heated by the engine from the steering unit. [Solution] A harvest pretrearment device (3) includes a feeder house (3D) transferring the harvested cereal stems to a threshing device (4); a dust collecting fan (40) is provided at an upper portion of a frame (10) of the feeder house (3D), and its wind direction is directed to the right-left direction; and when the harvest pretrearment device (3) is lifted up to a given standby position, the dust collecting fan (40) is moved to a position above a side panel (5B) of a steering unit (5). [Representative Drawing] Fig. 8

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2020

(21) Application No.202044018236 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND DEVICE FOR CONFIGURING NFC SMART CARD

(51) International classification	:H04W0004800000, G06Q0020400000, G06K0007000000, G06K0017000000, A63F0013790000
(31) Priority Document No	:201911054929.1
(32) Priority Date	:31/10/2019
(33) Name of priority country	:China
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Xiaomi Digital Technology Co., Ltd.
Address of Applicant :No. 2243, 2nd Floor, Building D, Building 33, No. 99, Kechuang 14th Street, Beijing Economic and Technological Development Zone, Beijing 100176, China China
(72)**Name of Inventor :**
1)XU, Lina
2)YANG, Shaoqiang
3)GOU, Yonggang

(57) Abstract :
A card set belonging to a user is determined (101, 202). Identifier information corresponding to the card set is generated according to a non-contact parameter corresponding to a card included in the card set (102). The identifier information identifies a state of conflict and / or a state of compatibility between two cards included in the card set. The identifier information is sent to electronic equipment (102) used by the user (103). Accordingly, the electronic equipment (102) adds, to an NFC smart card according to the identifier information, at least two cards compatible with each other in the card set. FIG. 1B

No. of Pages : 56 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2020

(21) Application No.202044026239 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : TEST AUTOMATION FOR DATA PROCESSING

(51) International classification	:G06F0011360000, G06K0009620000, G06F0011263000, G06N0020000000, G06N0005020000
(31) Priority Document No	:16/675,739
(32) Priority Date	:06/11/2019
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Accenture Global Solutions Limited
Address of Applicant :3 Grand Canal Plaza, Grand Canal Street Upper, Dublin, 4 Ireland Ireland
(72)**Name of Inventor :**
1)SUNDARARAMAN, Arun
2)RAMAMOORTHY, Uday Kumar
3)PARGUNARAJAN, Sureshkumar
4)SRINIVASAN, Haripriya
5)DHANASEKARAN, Tharani

(57) Abstract :
ABSTRACT A test automation platform may receive a test case for testing a data ingestion pipeline. The test automation platform may determine a test intent of the test case using a test intent identification model. The test automation platform may determine a type of entity associated with the data ingestion pipeline that the test case is to test using a test entity identification model. The test automation platform may generate a prediction of a data ingestion scenario for which the test case is to be applied based at least in part on the test intent of the test and the type of entity. The test automation platform may generate a mapping file representing the prediction of the data ingestion scenario. The test automation platform may execute, using test cases of the mapping file, a set of tests on a new data ingestion pipeline.

No. of Pages : 48 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/10/2020

(21) Application No.202044046751 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CATALYST FOR PRODUCING C8 AROMATIC HYDROCARBON HAVING REDUCED ETHYLBENZENE CONTENT AND PREPARATION METHOD THEREFOR

(51) International classification	:C07C0006120000, B01J0029440000, B01J0037020000, C07C0004180000, C07C0001200000
(31) Priority Document No	:10-2019-0136059
(32) Priority Date	:30/10/2019
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SK INNOVATION CO., LTD.
Address of Applicant :26, Jong-ro, Jongno-gu, Seoul 03188, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)LEE, Sang Il
2)LEE, Ji Hoon
3)KIM, Yeon Ho

(57) Abstract :
Disclosed are a catalyst and a preparation method therefor, the catalyst being able to maintain a high production yield of C8 aromatic hydrocarbons in the process of converting a feedstock containing alkyl aromatics to C8 aromatic hydrocarbons such as mixed xylene through disproportionation/transalkylation/dealkylation while reducing a content of ethylbenzene in the products. Figure 1

No. of Pages : 69 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/10/2020
(21) Application No.202044046816 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CONTROL DEVICE OF AIR JET LOOM

(51) International classification	:D03D0047300000, F02D0041200000, F16K0031060000, B08B0005020000, B07C0005360000
(31) Priority Document No	:2019-200622
(32) Priority Date	:05/11/2019
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
Address of Applicant :2-1, Toyoda-cho, Kariya-shi, Aichi-ken, Japan Japan
(72)**Name of Inventor :**
1)MAKINO, Yoichi

(57) Abstract :
A control device of an air jet loom of that injects compressed air through a nozzle (140, 141, 142, 160) in accordance with opening or closing of an electromagnetic valve (145, 146, 163) includes a control unit (110) configured to supply to the electromagnetic valve (146) an overexcitation voltage that determines a rise characteristic of an injection pressure of the nozzle (142) while the electromagnetic valve (146) is opening and the injection pressure of the nozzle (142) rising, and to supply to the electromagnetic valve (146) a holding voltage for keeping the electromagnetic valve (146) open after the rising of the electromagnetic valve (146) is completed; and a pressure detection unit (148) configured to detect a pressure of the compressed air that has passed through the electromagnetic valve (146). The control unit (110) adjusts the overexcitation voltage based on a detection results by the pressure detection unit (148). [FIGURE 1]

No. of Pages : 37 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2020

(21) Application No.202044046947 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : HOLLOW-TYPE BLDC MOTOR OF POWER SLIDING DEVICE OF VEHICLE SEAT

(51) International classification	:H02K0001270000, B60N0002060000, B60N0002020000, F04D0029660000, F04D0029320000
(31) Priority Document No	:10-2019-0136858
(32) Priority Date	:30/10/2019
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DAS CO., LTD
Address of Applicant :14, Oedongnonggongdanji-gil, Gueo-ri, Oedong-eup, Gyeongju-si, Gyeongsangbuk-do 38214, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)LEE, Kwang Sin
2)JO, In Ho

(57) Abstract :
The present disclosure relates to a hollow-type BLDC motor of a power sliding device of a vehicle seat, and a nut coupled to a lead screw is injection-molded with a plastic and installed only on a longitudinal partial section of the inner diameter of a rotor, a magnet of the rotor is produced in an integrated cylindrical shape having no gap between magnetic poles, and a skew angle is given on a boundary line between the magnetic poles, thereby reducing noise and vibration. FIGURE 2

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2020

(21) Application No.202044047009 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND DRIVING DEVICE FOR BLDC MOTOR

(51) International classification	:H02K0001160000, H02K0011330000, H02K0015080000, H02K0021160000, H02K0003260000
(31) Priority Document No	:10-2019-0136859
(32) Priority Date	:30/10/2019
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DAS CO., LTD
Address of Applicant :14, Oedongnonggongdanji-gil, Gueo-ri, Oedong-eup, Gyeongju-si, Gyeongsangbuk-do 38214, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)LEE, Kwang Sin
2)JO, In Ho

(57) Abstract :
A BLDC motor system is provided, which includes a motor provided with a stator forming a tubular space in which a center shaft exists and having an inner side for the center shaft, on which a plurality of coil units generating a magnetic field are formed, and a rotor located in the tubular space and having fixed magnet units arranged on an outer side for the center shaft, a skew having a predetermined slope against the center shaft being formed on a boundary between one of the fixed magnet units and the adjacent fixed magnet unit; and a driving module provided with a driving circuit supplying a power for driving the motor to the coil units, and a controller rotating the rotor by switching the driving circuit and performing switching so that the power being supplied from the driving circuit to the coil units forms a sine wave. FIGURE 2A

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2020

(21) Application No.202044047157 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : INK JET PRINTING APPARATUS, INK TANK AND INK SUPPLY CONTAINER

(51) International classification	:B41J0002175000, B41J0002140000, B29L0031260000, B41J0029130000, B29C0045140000
(31) Priority Document No	:2019-198685
(32) Priority Date	:31/10/2019
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CANON KABUSHIKI KAISHA
Address of Applicant :30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501 Japan
(72)**Name of Inventor :**
1)Taiji, Maruyama

(57) Abstract :
The tank includes an ink chamber that stores ink, an injection port through which the ink is injected into the ink chamber, and a first shape portion formed near the injection port. The flow channel member is configured to be disposed inside the injection port and form a channel through which the ink is injected into the ink chamber. The ink is injected to the ink chamber from an ink supply container which includes a second shape portion formed near an outlet port of the container and configured to engage the first shape portion. The flow channel member is displaceable in a direction intersecting an inserting direction of inserting the outlet port into the injection port. The container is fixed to the tank by engagement between the first and second shape portions. [FIGURE 7A]

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2020

(21) Application No.202044047189 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : PROCESS AND APPARATUS FOR SEPARATING HYDROCARBON

(51) International classification	:F25J0003020000, B01D0053000000, C07C0007000000, C10G0005000000, C10G0001040000
(31) Priority Document No	:2019-200772
(32) Priority Date	:05/11/2019
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Toyo Engineering Corporation
Address of Applicant :5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-6511, Japan Japan
(72)**Name of Inventor :**
1)SASAKURA, Keisuke
2)YAMAMOTO, Taisei
3)YAMAGUCHI, Shoichi

(57) Abstract :
To provide a process for separating hydrocarbons capable of recovering ethane or propane, including improved cold heat recovery enabling a reduction in compressor power. A process for separating hydrocarbons, in which a residual gas enriched with methane or ethane and a heavy fraction enriched with a lower volatile hydrocarbon are separated, includes: a) partially condensing the feed gas by cooling using the residual gas and another refrigerant as a refrigerant, followed by vapor-liquid separation; b) depressurizing and supplying the liquid obtained from step (a) to the distillation column; c) expanding a part or all of the gas obtained from step (a) by an expander to cause partial condensation, followed by vapor-liquid separation; d) feeding the liquid obtained from step (c) to the distillation column after using it as the further refrigerant in step (a); e) feeding a part or all of the gas obtained from step (c) to the distillation column; and f) obtaining the residual gas from the top of the distillation column and the heavy fraction from the bottom of the distillation column. [FIGURE 1]

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2020

(21) Application No.202044047708 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : BATTERY REPLACEMENT DEVICE AND CONTROL METHOD

(51) International classification	:A61B0005021000, H01M0002100000, H04L0007040000, B60K0001040000, A61B0001060000
(31) Priority Document No	:2019-200902
(32) Priority Date	:05/11/2019
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO., LTD.
Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan Japan
(72)**Name of Inventor :**
1)SONE, Takashi
2)HAGIYA, Shunichi
3)FUJITA, Takahito
4)AKAGAWA, Tomoya

(57) Abstract :
A battery replacement device determines that return of batteries has been completed if batteries have been mounted in all empty slots in which no battery is mounted when the number of batteries recognized on the basis of information acquired by an acquisition device is a multiple of a predetermined number and determines that the return of the batteries has been completed if batteries have been mounted in all the empty slots or if a surplus number of batteries calculated by dividing the number of batteries recognized on the basis of the information acquired by the acquisition device by the predetermined number have been mounted in some of the empty slots when the number of batteries recognized on the basis of the information acquired by the acquisition device is not a multiple of the predetermined number. Figure 4.

No. of Pages : 49 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2020

(21) Application No.202044047762 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : BATTERY EXCHANGING DEVICE AND ILLEGALITY DETERMINING METHOD

(51) International classification	:B60L0053300000, H02J0007000000, B60L0050600000, B60L0050640000, B60L0053800000
(31) Priority Document No	:2019-200729
(32) Priority Date	:05/11/2019
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO., LTD.
Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan Japan
(72)**Name of Inventor :**
1)FUJITA, Takahito
2)HAGIYA, Shunichi
3)AKAGAWA, Tomoya
4)SONE, Takashi

(57) Abstract :
According to an embodiment, a battery exchanging device includes: a controller configured to control returning and lending of a battery that is mounted detachably on an electric vehicle and supplies traveling power of the electric vehicle; an acquirer configured to acquire information regarding the electric vehicle on which the battery is mounted from the returned battery; and a determiner configured to determine whether the battery has been used illegally based on the information regarding the electric vehicle acquired by the acquirer. Figure 4

No. of Pages : 50 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/10/2020
(21) Application No.202047046528 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : DUAL BLOCKCHAIN BASED-DIGITAL ELECTRONIC DEVICE HAVING VIRTUAL BLOCKCHAIN, AND OPERATING METHOD THEREFOR

(51) International classification	:H04L0009320000, H04L0029060000, G06Q0020380000, H04L0009080000, H04L0029080000
(31) Priority Document No	:10-2018-0156077
(32) Priority Date	:06/12/2018
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2019/014412 :30/10/2019
(87) International Publication No	:WO 2020/116785
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)PUSHPULL SYSTEM CO., LTD.
Address of Applicant :#401, Industrial-Academic Cooperation Center, SEJONG Campus, HongIk University, 2639, Sejong-ro Jochiwon-eup Sejong 30016 Republic of Korea
(72)**Name of Inventor :**
1)SONG, Sungmyun
2)LEE, Sangzee
3)PARK, Jinha

(57) Abstract :
A digital electronic device, according to the present invention, for performing authentication using a blockchain comprises: a common node which is connected to a common blockchain network and a virtual blockchain network that is established in the digital electronic device, and which has public key information and personal key information that are usable in the encryption of a block, including transaction data, through the blockchain network, and attribute information that includes a unique ID and a password; at least one virtual node which is connected to the virtual blockchain network, and which has public key information and personal key information that are usable in the encryption of a block, including transaction data, through the virtual blockchain network, and attribute information that includes a unique ID and a password; and a short-range communication interface module configured to communicate directly with a user communication device without passing a gateway.

No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2020

(21) Application No.202047047434 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING VOICE CHARACTERISTICS

(51) International classification	:G06N0003080000, G10L0015060000, G10L0015020000, G06N0003040000, G10L0015260000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/CN2019/114812 :31/10/2019
(87) International Publication No	:WO 2020/035085
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.
Address of Applicant :No. 556 Xixi Road, 8th Floor, Section B, Suite 801-11, West Lake District Hangzhou, Zhejiang 310000 China
(72)**Name of Inventor :**
1)WANG, Zhiming
2)YAO, Kaisheng
3)LI, Xiaolong

(57) Abstract :
Methods, systems, and apparatus, including computer programs encoded on computer storage media, for determining voice characteristics are provided. One of the methods includes: obtaining speech data of a speaker; inputting the speech data into a model trained at least by jointly minimizing a first loss function and a second loss function, wherein the first loss function comprises a non-sampling-based loss function and the second function comprises a Gaussian mixture loss function with non-unit multi-variant covariance matrix; and obtaining from the trained model one or more voice characteristics of the speaker.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/12/2020

(21) Application No.202047057255 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : MOBILE STATION, BASE STATION, TRANSMISSION METHOD AND RECEIVING METHOD

(51) International classification	:H04W0016140000, H04W0072040000, G06F0003038000, H04L0001000000, C02F0101200000
(31) Priority Document No	:2018-206872
(32) Priority Date	:01/11/2018
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2019/042881 :31/10/2019
(87) International Publication No	:WO 2020/090998
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
Address of Applicant :20000 Mariner Avenue, Suite 200, Torrance, California 90503 U.S.A.
(72)**Name of Inventor :**
1)MAKI, Shotaro

(57) Abstract :
In an operation in a license-exempt band (unlicensed band), the present invention contributes to the provision of a mobile station, a base station, a transmission method and a receiving method which suitably transmit and receive a signal. The mobile station 200 includes: a transmission unit 205 which transmits an uplink signal; and a control unit 201 which, when a first number indicating a first resource amount that can be used in the transmission of the uplink signal includes a third number, which is different from a specific second number, as a prime number, controls the transmission of a signal of a fourth number that does not include the third number as the prime number by using a second resource.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2021

(21) Application No.202147007076 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ANTICORROSIVE AGENT FOR CAVITY PRESERVATION, AND USE THEREOF

(51) International classification	:C09D0005080000, C09D0167080000, C08K0003340000, C10M0135100000, B32B0027200000
(31) Priority Document No	:18000979.7
(32) Priority Date	:18/12/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/000303 :05/11/2019
(87) International Publication No	:WO 2020/126063
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)FUCHS PETROLUB SE
Address of Applicant :Friesenheimer Str. 17 68169 Mannheim Germany
(72)**Name of Inventor :**
1)LOSCH, Achim

(57) Abstract :
The present invention relates to an anticorrosive agent for cavity preservation, and to the use thereof. The anticorrosive agent has a base composition of 40 to 50 wt.% base fluid, 3 to 10 wt.% alkyd resin, 10 to 20 wt.% sulfonate and/or salicylate component, 15 to 25 wt.% filler, 0.003 to 0.007 wt.% siccative catalyst, based in each case on the total mass of the anticorrosive agent. In addition to the base mixture, the anticorrosive agent includes 1 to 5 wt.% phyllosilicate and/or 1 to 8 wt.% ester wax and/or paraffin wax, based in each case on the total mass of the anticorrosive agent, for adjusting the rheological properties of the anticorrosive agent. The anticorrosive agent, however, does not include any aminic corrosion protection or binder components, or any anti-skinning agent.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2021

(21) Application No.202147011284 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SUPPORT KIT FOR MOTORCYCLE BAG

(51) International classification	:B01L0009000000, B62J0001080000, F03D0080500000, H04B0007060000, B23Q0039020000
(31) Priority Document No	:102018000010026
(32) Priority Date	:05/11/2018
(33) Name of priority country	:Italy
(86) International Application No Filing Date	:PCT/IB2019/059426 :04/11/2019
(87) International Publication No	:WO 2020/095164
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)GIVI S.P.A.
Address of Applicant :Via Ungaretti, 48 25020 Flero (BS) Italy
(72)**Name of Inventor :**
1)VISENZI, Giuseppe

(57) Abstract :
Support kit (100) for at least one piece of bag comprising a support frame (10) configured to be able to be associated with a motorcycle frame, which comprises at least one tubular element (11-14) comprising one or more through holes (15), one or more support means (20, 60) adapted to be detachably associated with said support frame (10) and with said at least one piece of bag, comprising at least one support clamp (20) comprising a first (21) and a second jaw (22) which embraces portions of said at least one tubular element (11-14) and respectively comprise a first (23) and a second through hole (29), a guide screw (30) that crosses said through holes (15, 23, 29) which comprises a support element (55) adapted to support at least one portion of said at least one piece of bag.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/03/2021

(21) Application No.202147012391 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AGGREGATION FACTOR ASSOCIATIONS IN UPLINK AND DOWNLINK TRANSMISSIONS

(51) International classification	:H04W0072040000, H04L0005000000, H04L0001000000, H04L0001180000, H04B0007260000
(31) Priority Document No	:62/755411
(32) Priority Date	:02/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/059474 :01/11/2019
(87) International Publication No	:WO 2020/092958
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego, California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)HOSSEINI, Seyedkianoush
2)CHEN, Wanshi
3)JIANG, Jing

(57) Abstract :
Methods, systems, and devices for wireless communications are described. A user equipment (UE) may receive, from a base station, a control signal indicating a resource allocation for either an uplink transmission or a downlink transmission. The UE may identify, based at least in part on a modulation and coding scheme indicated in the control signal, an aggregation factor of the uplink transmission or the downlink transmission. The UE may communicate with the base station by either transmitting the uplink transmission or receiving the downlink transmission in accordance with the resource allocation and the aggregation factor.

No. of Pages : 68 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/03/2021

(21) Application No.202147012432 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : DOWNLINK CONTROL CHANNEL MONITORING CAPABILITIES

(51) International classification	:H04W0072040000, H04L0005000000, H04L0001000000, H04W0072080000, H04W0024000000
(31) Priority Document No	:62/754931
(32) Priority Date	:02/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/059318 :01/11/2019
(87) International Publication No	:WO 2020/092865
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego, California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)HOSSEINI, Seyedkianoush
2)JIANG, Jing
3)CHEN, Wanshi

(57) Abstract :
Methods, systems, and devices for wireless communications are described. A user equipment UE (115) may monitor a downlink transmission for control information during a set of physical downlink control channel PDCCH monitoring occasions (215). The UE (115) may determine a first configuration for the set of PDCCH monitoring occasions (215) during a slot of the downlink transmission and a threshold number of PDCCH candidates and/or a threshold number of non-overlapping CCEs within the slot. The UE (115) may also determine (430) a threshold number of PDCCH candidates and/or non- overlapping control channel elements (CCEs) within a single PDCCH monitoring occasion. The threshold number of PDCCH candidates and non-overlapping CCEs may be fixed, based on the number of PDCCH monitoring occasions during the slot, based on a processing capability of the UE, or a combination thereof. The UE (115) may decode control information contained in one or more of the PDCCH monitoring occasions.

No. of Pages : 59 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2021

(21) Application No.202147012706 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : RELEASE CONFIGURATION OF SOFT RESOURCES IN INTEGRATED ACCESS AND BACKHAUL

(51) International classification	:H04W0074080000, H04L0005000000, H04W0092020000, H04L0001180000, H04W0056000000
(31) Priority Document No	:62/754410
(32) Priority Date	:01/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/059170 :31/10/2019
(87) International Publication No	:WO 2020/092773
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego, California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)ABEDINI, Navid
2)LUO, Jianghong
3)BLESSENT, Luca
4)ISLAM, Muhammad Nazmul
5)HAMPEL, Karl Georg
6)LUO, Tao
7)LI, Junyi

(57) Abstract :
Various aspects of the present disclosure generally relate to wireless communication. In some aspects, a node may configure an operation mode associated with releasing soft resources associated with an integrated access backhaul (IAB) network that supports implicit release of soft resources and explicit release of soft resources. The node may provide information that identifies the operation mode. Numerous other aspects are provided.

No. of Pages : 30 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2021

(21) Application No.202147012766 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CONFIGURATION OF RESOURCE PATTERNS FOR INTEGRATED ACCESS AND BACKHAUL

(51) International classification	:H04W0072040000, H04L0005000000, H04W0074080000, H04W0008220000, H04W0056000000
(31) Priority Document No	:62/754436
(32) Priority Date	:01/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/059229 :31/10/2019
(87) International Publication No	:WO 2020/092817
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego, California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)ABEDINI, Navid
2)LUO, Jianghong
3)BLESSENT, Luca
4)ISLAM, Muhammad Nazmul
5)HAMPEL, Karl Georg
6)LUO, Tao
7)LI, Junyi

(57) Abstract :
Various aspects of the present disclosure generally relate to wireless communication. In some aspects, an integrated access and backhaul (IAB) node may receive at least part of a resource pattern of a child IAB node associated with the IAB node. The resource pattern may indicate one or more configurations of one or more resources of the child IAB node. The IAB node may communicate with the child IAB node based on the at least part of the resource pattern. Numerous other aspects are provided.

No. of Pages : 27 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2021

(21) Application No.202147013322 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : INDICATION OF POTENTIAL NR UL TRANSMISSION IN NE-DC

(51) International classification	:H04L0005140000, H04W0072040000, H04L0005000000, H04W0088060000, H04W0072120000
(31) Priority Document No	:62/755385
(32) Priority Date	:02/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/059479 :01/11/2019
(87) International Publication No	:WO 2020/092962
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego, California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)WANG, Xiao Feng
2)CHEN, Wanshi
3)GAAL, Peter

(57) Abstract :
An apparatus communicates using a first Radio Access Technology (RAT) and a second RAT. The apparatus receives a first Time Division Duplex Uplink/Downlink (TDD UL/DL) configuration for a first cell using the first RAT. The apparatus also receives a second TDD UL/DL configuration for a second cell using the first RAT. Additionally, the apparatus determines a maximum transmission power for a first transmission using the second RAT based on whether there is a potential overlap between the first transmission using the second RAT and a possible transmission based on the first TDD UL/DL configuration or the second TDD UL/DL configuration during a period of the first transmission or an extended period including the first transmission period.

No. of Pages : 35 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2021

(21) Application No.202147013456 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : COMPUTER-GENERATED SEQUENCE DESIGN FOR BINARY PHASE SHIFT KEYING MODULATION DATA

(51) International classification	:H04L0005000000, H04W0072040000, H04L0027260000, H04L0027340000, G16B0030000000
(31) Priority Document No	:20180100499
(32) Priority Date	:02/11/2018
(33) Name of priority country	:Greece
(86) International Application No Filing Date	:PCT/US2019/059502 :01/11/2019
(87) International Publication No	:WO 2020/092980
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego, CA 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)YANG, Wei
2)HUANG, Yi
3)PARK, Seyong
4)SRIDHARAN, Gokul
5)MANOLAKOS, Alexandros
6)WANG, Xiao Feng
7)JI, Tingfang
8)GAAL, Peter

(57) Abstract :
Methods, systems, and devices for wireless communications are described. A device (e.g., a base station or a user equipment (UE)) may identify a sequence length corresponding to a number of resource blocks, and select a modulation scheme based on the sequence length. The device may select, from a set of sequences associated with the modulation scheme, a sequence having the sequence length. In some examples, the set of sequences may include at least one of a set of time domain phase shift keying computer-generated sequences or a set of frequency domain phase shift keying computer-generated sequences. The device may generate a reference signal for a data transmission based on the sequence and transmit the reference signal within the number of resource blocks.

No. of Pages : 65 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2021

(21) Application No.202147016543 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SUPPORT OF WIDEBAND PHYSICAL RESOURCE GROUP (PRG) IN LONG TERM EVOLUTION (LTE)

(51) International classification	:H04W0072040000, H04L0005000000, H04L0025020000, H04W0072120000, H04W0036140000
(31) Priority Document No	:20180100502
(32) Priority Date	:02/11/2018
(33) Name of priority country	:Greece
(86) International Application No Filing Date	:PCT/US2019/059536 :01/11/2019
(87) International Publication No	:WO 2020/093007
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego, California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)RICO ALVARINO, Alberto
2)MANOLAKOS, Alexandros
3)FARAJIDANA, Amir
4)BHATTACHARJEE, Supratik
5)HOSSEINI, Seyedkianoush

(57) Abstract :
In an aspect, a method of wireless communication includes receiving, by a user equipment (UE), downlink control information (DCI) having a resource allocation of allocated physical resource blocks (PRBs). The method additionally includes employing at least one of a) a wideband decoder, b) a wideband channel estimator, c) a bandwidth-specific decoder, or d) a bandwidth-specific channel estimator for wireless communications based at least on a feature of the resource allocation in the DCI. In other aspects a UE transmits, to a base station, an indication of UE capabilities regarding support of wideband physical resource group (PRG) for various transmission time interval (TTI) durations.

No. of Pages : 23 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2021

(21) Application No.202147016741 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : HYBRID AUTOMATIC REPEAT REQUEST FEEDBACK FOR LOW LATENCY TRANSMISSIONS

(51) International classification	:H04L0001180000, H04L0005000000, H04W0072040000, H04L0001160000, H04L0001000000
(31) Priority Document No	:62/755379
(32) Priority Date	:02/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/059033 :31/10/2019
(87) International Publication No	:WO 2020/092692
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego, California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)HOSSEINI, Seyedkianoush
2)AMINZADEH GOHARI, Amir
3)YANG, Wei
4)JIANG, Jing

(57) Abstract :
Methods, systems, and devices for wireless communication are described. Generally, the described techniques provide for avoiding collisions between hybrid automatic repeat request (HARQ) feedback transmissions and between HARQ feedback transmissions and other transmissions. In one example, a base station may configure resources for HARQ feedback transmissions such that the resources are exclusive of each other to avoid collisions between HARQ feedback transmissions. In another example, a base station may indicate resources for a user equipment (UE) to use for HARQ feedback transmissions such that the resources are exclusive of each other to avoid collisions between HARQ feedback transmissions. In yet another example, if a HARQ feedback transmission and another transmission are scheduled on overlapping resources, a UE may be configured to multiplex bits of the HARQ feedback transmission and the other transmission or drop the other transmission.

No. of Pages : 53 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2021

(21) Application No.202147017141 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SEPARATION OF ETHANE OXIDATIVE DEHYDROGENATION EFFLUENT

(51) International classification	:C07C0005480000, C07C0029800000, F25J0003020000, C08F0006000000, C07C0007090000
(31) Priority Document No	:18204144.2
(32) Priority Date	:02/11/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/079792 :31/10/2019
(87) International Publication No	:WO 2020/074748
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
Address of Applicant :Carel van Bylandtlaan 30 2596 HR THE HAGUE Netherlands
2)SHELL OIL COMPANY
(72)**Name of Inventor :**
1)SAN ROMAN MACIA, Maria
2)PAJAND, Pejman
3)ESPOSITO CASSIBBA, Ivana, Daniela

(57) Abstract :
The invention relates to a process for the production of ethylene by oxidative dehydrogenation of ethane, comprising: a) subjecting a stream comprising ethane to oxidative dehydrogenation conditions, resulting in a stream comprising ethylene, unconverted ethane and light components; b) subjecting ethylene, unconverted ethane and light components from the stream resulting from step a) to distillation, resulting in a stream comprising ethylene and light components and a stream comprising unconverted ethane; c) optionally recycling unconverted ethane from the stream comprising unconverted ethane resulting from step b) to step a); and d) subjecting ethylene and light components from the stream comprising ethylene and light components resulting from step b) to distillation at a top column pressure which is higher than the top column pressure in step b), resulting in a stream comprising light components and a stream comprising ethylene.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2021
(21) Application No.202147017492 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM FOR CAPTURING RAILWAY DISC BRAKE PARTICLES

(51) International classification	:F16D0065097000, F16D0069000000, F16D0065092000, F16D0069040000, F16D0065000000
(31) Priority Document No	:18 60320
(32) Priority Date	:08/11/2018
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2019/052608 :04/11/2019
(87) International Publication No	:WO 2020/094962
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)TALLANO TECHNOLOGIE
Address of Applicant :98 route de la Reine 92100 BOULOGNE BILLANCOURT France
(72)**Name of Inventor :**
1)MAISTRE, Adrien
2)ADAMCZAK, Lo¯c

(57) Abstract :
The invention relates to the braking of rolling railway stock. More specifically, the invention relates to a friction assembly (1) for a railway disc brake system, said friction assembly (1) comprising, on the one hand, a sole holder (3) comprising an upper face (31) with a receiving slide (5), and a lower face (32), and, on the other hand, at least one sole (2) made of friction material and comprising a first face (21) which is the friction face, and a second face (22) provided with a profile member (4) configured to cooperate with the receiving slide (5), the sole (2) comprising at least one duct (28) establishing sealed communication between a first space (El) bordered by the first face (21) and a second space (E2) bordered by the second face (22), the friction assembly (1) further comprising at least one central axis (A) through-hole (38) which is provided in the sole holder (3) and located opposite the at least one duct (28), and at least one junction ring (8) which is arranged in the at least one through-hole (38) and forms a junction with the at least one duct (28). The friction assembly (1) comprises a return mechanism (90) which is capable of pressing the at least one junction ring (8) against the profile member (4).

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2021

(21) Application No.202147017609 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEMS AND METHODS FOR BUILDING, OPERATING AND CONTROLLING MULTIPLE AMPLIFIERS, REGENERATORS AND TRANSCEIVERS USING SHARED COMMON COMPONENTS

(51) International classification	:H01S0003094000, A61B0005145500, H01S0005026000, H04Q0009000000, A61Q0005120000
(31) Priority Document No	:62/755631
(32) Priority Date	:05/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/059523 :01/11/2019
(87) International Publication No	:WO 2020/096912
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LYTELOOP TECHNOLOGIES, LLC
Address of Applicant :80 Cuttermill Road Great Neck, NY 11021 U.S.A.
(72)**Name of Inventor :**
1)WILLNER, Alan, Eli
2)DAMAGHI, Daniel
3)HARLEV, Ohad
4)McMANAMON, Paul, Francis
5)VEDADI-COMTE, Armand
6)CHOUDHARY, Dipayan, Datta

(57) Abstract :
A system comprising a recirculating loop configured to store an electromagnetic wave signal, the recirculating loop comprising a transmission medium and a plurality of transceivers configured to introduce the electromagnetic wave signal into the transmission medium and retrieve the electromagnetic wave signal from the transmission medium, and a signal conditioning system comprising a plurality of signal conditioners coupled to the transmission medium, the plurality of signal conditioners configured to amplify or regenerate the electromagnetic wave signal traveling in the transmission medium, one or more pump laser sources, wherein at least one of the one or more pump laser sources is configured to provide a pump laser beam to at least two of the plurality of signal conditioners, and one or more control circuits for controlling the plurality of signal conditioners, wherein at least one of the one or more control circuits is configured to control and monitor at least two of the plurality of signal conditioners, is disclosed.

No. of Pages : 27 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2021

(21) Application No.202147018165 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SOLID ELECTROLYTE MATERIAL AND BATTERY USING SAME

(51) International classification	:H01M0010056200, H01M0010052000, H01B0001060000, H01M0010052500, H01M0008101600
(31) Priority Document No	:2018-248585
(32) Priority Date	:28/12/2018
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2019/042907 :31/10/2019
(87) International Publication No	:WO 2020/137155
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.
Address of Applicant :1-61, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 5406207 Japan
(72)**Name of Inventor :**
1).

(57) Abstract :
The present disclosure provides a solid electrolyte material having a high lithium-ion conductivity. The solid electrolyte material according to the present disclosure contains Li, M, O, and X, wherein M is at least one element selected from the group consisting of Nb and Ta, and X is at least one element selected from the group consisting of Cl, Br, and I.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2021

(21) Application No.202147018172 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : TATTOO DEVICE

(51) International classification	:A61M0005320000, A61B0050360000, A61M0037000000, A61B0018000000, A61B0010020000
(31) Priority Document No	:1817950.7
(32) Priority Date	:02/11/2018
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2019/053119 :04/11/2019
(87) International Publication No	:WO 2020/089658
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ACTIVE NEEDLE TECHNOLOGY LTD
Address of Applicant :D5 Culham Science Centre Abingdon Road Abingdon OX14 3DB U.K.
(72)**Name of Inventor :**
1)QUIRK, Ian Hugh
2)SADIQ, Muhammad Rohaan
3)MICA, Andrea Giacomo

(57) Abstract :
A tattoo device is provided comprising a housing (100) having a first oscillator (104) which is coupled, in use, to a needle assembly having a sharps end. The first oscillator (104) is arranged and adapted to induce vibrations at a frequency from 1-1000 Hz substantially longitudinally along an axis of the needle assembly in order to cause, in use, the sharps end to penetrate skin. The tattoo device further comprises a second oscillator (22) which is also coupled, in use, to the needle assembly, wherein the second oscillator is arranged and adapted simultaneously to induce vibrations at a higher frequency than the first oscillator (104) and in particular at a frequency from 5-200 kHz in order to lower the insertion force required to penetrate skin layers.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2021

(21) Application No.202147018173 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR DEPOSITING OF A FIRST AND SECOND LAYER ON A SUBSTRATE

(51) International classification	:H01L0021677000, C23C0016540000, C23C0014560000, C23C0014040000, H01L0021670000
(31) Priority Document No	:2021997
(32) Priority Date	:14/11/2018
(33) Name of priority country	:Netherlands
(86) International Application No Filing Date	:PCT/NL2019/050716 :31/10/2019
(87) International Publication No	:WO 2020/101481
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)INNOFLEX TECHNOLOGIES B.V.
Address of Applicant :High Tech Campus 27 5656AE Eindhoven Netherlands
(72)**Name of Inventor :**
1)LAGARDE, Kevin Johannes Hendrikus

(57) Abstract :
System and method for depositing a first layer on a flexible strip-shaped or sheet-shaped substrate and a second layer on the first layer. The system comprises a first deposition unit of a first type which is provided with a first supporting body, a conveying device for conveying the substrate in a conveying direction which extends parallel to a first central line of the first supporting body along the radial outer side of the supporting body. Downstream of the first deposition unit, the system furthermore comprises a second deposition unit which is provided with a second supporting body with a second central line which is in line with the first central line, and a wrapping device for keeping the substrate in a wrapped state, the substrate being wrapped around at least a part of the radial outer sides of the first supporting body and of the second supporting body.

No. of Pages : 20 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2021

(21) Application No.202147018585 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : COMMUNICATION SYSTEM AND RECEIVING-SIDE DEVICE

(51) International classification	:H04L0001180000, H04L0012863000, H04L0001080000, H04W0072040000, H04L0012260000
(31) Priority Document No	:2018-204805
(32) Priority Date	:31/10/2018
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2019/042644 :30/10/2019
(87) International Publication No	:WO 2020/090920
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MITSUBISHI ELECTRIC CORPORATION
Address of Applicant :7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 Japan
(72)**Name of Inventor :**
1)SHIMODA Tadahiro
2)MOCHIZUKI Mitsuru
3)FUKUI Noriyuki
4)UCHINO Daichi

(57) Abstract :
Provided is a wireless communication technology which can achieve low latency, high reliability, and a low jitter characteristic. A transmission-side device is configured to duplicate a packet and transmit the duplicated packets. A receiving-side device is configured to receive the duplicated packets. The receiving-side device is configured to transfer a first packet (1401, 1403, 1405, 1408), which is the packet received earlier among the duplicated packets, to an upper layer within the receiving-side device. A transfer timing, which is a timing at which the first packet (1401, 1403, 1405, 1408) is transferred to the upper layer, comprises a receiving timing of a second packet (1402, 1404, 1406, 1407), which is the packet received after the first packet among the duplicated packets, and/or a cycle time which corresponds to a transmission cycle of the duplicated packets.

No. of Pages : 201 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2021

(21) Application No.202147018843 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : POLYMER NETWORK FORMING SILANE COMPOSITIONS

(51) International classification	:C08K0003360000, C08L0007000000, C08L0009060000, B60C0001000000, C08L0009000000
(31) Priority Document No	:62/755619
(32) Priority Date	:05/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/059766 :05/11/2019
(87) International Publication No	:WO 2020/097010
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MOMENTIVE PERFORMANCE MATERIALS INC.
Address of Applicant :260 Hudson River Road Waterford, NY 12188 U.S.A.
(72)**Name of Inventor :**
1)YORK, William, Michael
2)ADEPETUN, Adeyemi, Adedayo
3)HWANG, Lesley
4)POHL, Eric

(57) Abstract :
A silane based additive, rubber formulations including the additive and tires having tread portions made with the additive, together with methods of forming those products, are provided. Uncured rubber formulations in accordance with preferred embodiments of the invention comprise (1) a rubbery primary polymer or polymer blend, such as natural rubber and/or synthetic rubber; (2) reinforcing silica filler; (3) a network forming monomer or polymer, especially a thermosetting network forming moiety, for forming a secondary polymeric network; and (4) a silane containing one or more moieties of the aforementioned network forming polymer. In particular networks which can be generated in-situ are preferred. The cured rubber formulation should comprise the silica, having the secondary polymer network coupled thereto, within the rubber matrix, and not directly to the rubber chains via sulfidic linkages.

No. of Pages : 68 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2021

(21) Application No.202147019117 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : TRANSFOMER AND METHOD OF MANUFACTURING A TRANSFORMER

(51) International classification	:H01F0027280000, H02K0003280000, H01F0027320000, H02K0003120000, H01F0041060000
(31) Priority Document No	:18203720.0
(32) Priority Date	:31/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/079719 :30/10/2019
(87) International Publication No	:WO 2020/089329
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ABB POWER GRIDS SWITZERLAND AG
Address of Applicant :Bruggerstrasse 72 5400 Baden Switzerland
(72)**Name of Inventor :**
1)GRADINGER, Thomas
2)DROFENIK, Uwe

(57) Abstract :
A transformer (1) is suggested. The transformer comprises: a first winding (10) arranged around an axis (2), and a second winding (20) arranged around the axis (2), wherein the second winding (20) comprises a litz wire (23) having an end portion (21) located at an axial end position of the second winding (20) and a middle portion (22) located at an axial middle position of the second winding (20), the litz wire (23) having a first cross section at the end portion (21) and a second cross section at the middle portion (22), the first and second cross sections each comprising in a quadrant between the axial outward direction and the direction pointing towards the first winding (10) a curvature extending between the axial outward direction and the direction pointing towards the first winding (10), wherein the curvature of the first cross section is smaller than the curvature of the second cross section thereby reducing the peak magnitude of the electrical field between the end portion (21) of the second winding (20) and the first winding (10).

No. of Pages : 15 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2021

(21) Application No.202147019290 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : GENERATION OF DEMODULATION REFERENCE SIGNALS IN ADVANCED NETWORKS

(51) International classification	:H04L0005000000, H04L0029060000, H04L0029080000, H04W0088060000, H04N0001000000
(31) Priority Document No	:62/754905
(32) Priority Date	:02/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/058984 :31/10/2019
(87) International Publication No	:WO 2020/092664
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AT&T INTELLECTUAL PROPERTY I, L.P.
Address of Applicant :675 W. Peachtree Street Suite 4000 Atlanta, Georgia 30308 U.S.A.
(72)**Name of Inventor :**
1)NAMMI, SaiRamesh
2)GHOSH, Arunabha

(57) Abstract :
Facilitating generation of demodulation reference signals in advanced networks (e.g., 4G, 5G, 6G, and beyond) is provided herein. Operations of a system can comprise evaluating a capability of a mobile device and generating a demodulation reference signal sequence for the mobile device based on the capability of the mobile device. The demodulation reference signal sequence can be a first type based on the capability being a first capability and can be a second type based on the capability being a second capability.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2021

(21) Application No.202147019377 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN AUDIO ENCODER AND AN AUDIO DECODER

(51) International classification	:G10L0019008000, G10L0019032000, G10L0019200000, H04L0001000000, G10L0019020000
(31) Priority Document No	:18204046.9
(32) Priority Date	:02/11/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/079683 :30/10/2019
(87) International Publication No	:WO 2020/089302
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DOLBY INTERNATIONAL AB
Address of Applicant :Apollo Building, 3E Herikerbergweg 1-35 1101 CN Amsterdam Zuidoost Netherlands
(72)**Name of Inventor :**
1)FRIEDRICH, Tobias
2)PURNHAGEN, Heiko
3)GORLOW, Stanislaw
4)MERPILLAT, Celine

(57) Abstract :
The present disclosure relates to the field audio coding, an in particular to an audio decoder having at least two decoding modes, and associated decoding methods and decoding software for such audio decoder. In one of the decoding modes, at least one dynamic audio object is mapped to a set of static audio objects, the set of static audio objects corresponding to a predefined speaker configuration. The present disclosure further relates to a corresponding audio encoder, and associated encoding methods and encoding software for such audio encoder.

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019601 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : COOLING APPARATUS AND A METHOD FOR COOLING A WATERFLOW

(51) International classification	:F24F0005000000, F24F0006040000, F28C0003080000, F02C0007143000, F25D0007000000
(31) Priority Document No	:10201809128Q
(32) Priority Date	:17/10/2018
(33) Name of priority country	:Singapore
(86) International Application No Filing Date	:PCT/SG2019/050514 :17/10/2019
(87) International Publication No	:WO 2020/081009
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)JS CREATES PTE LTD
Address of Applicant :10 Admiralty Street #03-06 North Link Building Singapore 757695 Singapore
(72)**Name of Inventor :**
1)AGRAWAL, Avichal

(57) Abstract :
A cooling apparatus for cooling a waterflow is provided. Cooling apparatus includes a first evaporative cooler adapted to cool the waterflow therethrough, a second evaporative cooler adapted to receive and cool the waterflow from the first evaporative cooler therethrough, wherein the second evaporative cooler is adapted to receive an airflow therethrough to cool the waterflow therethrough and the first evaporative cooler is adapted to receive the airflow therethrough from the second evaporative cooler to cool the waterflow therethrough, and a deflector adapted to deflect the waterflow from the first evaporative cooler to the second evaporative cooler and allow the airflow from the second evaporative cooler to the first evaporative cooler therethrough. A cooling method for cooling a waterflow is also provided.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019619 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SHARING LOCATION DATA TO REDUCE POWER CONSUMPTION

(51) International classification	:H04W0004029000, G01S0005000000, H04W0004020000, H04W0088020000, H04W0004021000
(31) Priority Document No	:16/164493
(32) Priority Date	:18/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/055752 :11/10/2019
(87) International Publication No	:WO 2020/081377
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MICROSOFT TECHNOLOGY LICENSING, LLC
Address of Applicant :One Microsoft Way Redmond, WA 98052-6399 U.S.A.
(72)**Name of Inventor :**
1)HERRMANN, Eric, Manaolana

(57) Abstract :
A technique is described for assigning a location-finder role to a mobile computing device (A - a location-finder device) within a spatially-clustered group of mobile computing devices (B, C, D, E, F). The location-finder device (A) determines its location based on signals received from one or more external sources (such as a GPS system, 108), to provide location data. The location-finder device then transmits a signal to other members of the group (group 1) of mobile computing devices using a local communication channel (such as a BLUETOOTH communication channel). That signal conveys the location data. Each of the other members (B, C, D, E, F) of the group uses the location data to define its position, in lieu of independently determining its own location from the external source(s). By virtue of this behavior, the other members can reduce their consumption of power.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019620 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHODS FOR INCREASING AUTHENTICATION SECURITY

(51) International classification	:H04L0029060000, G06F0021310000, G06F0021460000, G06Q0020400000, G06Q0020100000
(31) Priority Document No	:16/176589
(32) Priority Date	:31/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/057112 :21/10/2019
(87) International Publication No	:WO 2020/092028
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MICROSOFT TECHNOLOGY LICENSING, LLC
Address of Applicant :One Microsoft Way Redmond, Washington 98052-6399 U.S.A.
(72)**Name of Inventor :**
1)HASSAN, Amer A.
2)GIAIMO, Edward C., III
3)CHEN, Wei-Chen

(57) Abstract :
Methods and systems for authenticating a user account based on a password are disclosed. In one aspects, a method includes receiving input defining a sequence of characters included in an entered password, ignoring characters between a first position in the sequence of characters and a second position in the sequence of characters, and validating the password based on non-ignored characters in the sequence of characters.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019622 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : DISPLAY AND OPERATING DEVICE FOR A TEXTILE MACHINE

(51) International classification	:A62B0018020000, A41D0013110000, F16H0063200000, G06F0003048100, D01H0013000000
(31) Priority Document No	:01199/18
(32) Priority Date	:02/10/2018
(33) Name of priority country	:Switzerland
(86) International Application No Filing Date	:PCT/IB2019/058342 :01/10/2019
(87) International Publication No	:WO 2020/070642
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MASCHINENFABRIK RIETER AG
Address of Applicant :Klosterstrasse 20 8406 Winterthur Switzerland
(72)**Name of Inventor :**
1)NIEMEYER, Cornelius
2)SCHMITT, Max

(57) Abstract :
A display and operating device (9) for a textile machine (1) having a touchscreen for display of a first main operating mask (10) and of a second main operating mask (70) by means of which a plurality of information masks and/or input masks for operating of the textile machine (1) can be retrieved is disclosed. The first main operating mask (10) 5comprises a machine visualization field (40), which displays a simplified visualization (41) of the textile machine (1) and at least one shortcut operating button (43, 44, 45) for an operating work that must be carried out by an operator. The first main operating mask (10) further comprises a first toggle button (17) by actuation of which the second operating mask (70) can be reached. The second main operating mask (70) comprises 10a display of an overview of submenus (100) that can be selected respectively.

No. of Pages : 30 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019623 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : MOBILE TERMINATED EARLY DATA TRANSMISSION REACHABILITY FOR RAN CONTEXT

(51) International classification	:H04W0076270000, H04W0048020000, H04W0072040000, H04W0076300000, H04L0029080000
(31) Priority Document No	:62/755013
(32) Priority Date	:02/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/SE2019/051091 :30/10/2019
(87) International Publication No	:WO 2020/091679
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)SCHLIWA-BERTLING, Paul
2)SHI, Nianshan

(57) Abstract :
A method performed by a wireless device (110) includes receiving, from a network node, a message indicating that data and/or signaling is to be sent to the wireless device. The message includes a data size indication indicating a size of the data and/or signaling to be received by the wireless device. A type of connection to establish with the network node is determined based on the data size indication. The method is particularly suited for early data transmission (EDT).

No. of Pages : 47 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019624 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND APPARATUS FOR SIGNAL PROCESSING WITH NEURAL NETWORKS

(51) International classification	:H04L0001000000, H04L0025030000, G01S0005020000, G06N0003040000, G06N0003080000
(31) Priority Document No	:18198560.7
(32) Priority Date	:04/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/075500 :23/09/2019
(87) International Publication No	:WO 2020/069895
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NOKIA SOLUTIONS AND NETWORKS OY
Address of Applicant :Karakaari 7 02610 Espoo Finland
(72)**Name of Inventor :**
1)GOMONY, Manil Dev
2)MURUGAPPA VELAYUTHAN, Purushotham

(57) Abstract :
Embodiments relate to an apparatus for processing a received radio signal, the apparatus (1) comprising means (5, 6, P; 41, 42) configured for: - processing (S1) received radio signal data with a first signal processing chain (41), wherein said first processing chain (41) comprises at least one first processing module (44, 45) configured for determining first output data (y1, z1) based on said received radio signal data, - processing (S1) said received radio signal data with a second signal processing chain (42), wherein said second processing chain (42) comprises at least one second processing module (47, 49) configured for determining an estimation (y2, z2) of said first output data (y1, z1) based on said received radio signal data, and at least one neural network (48, 50) configured for determining second output data (y3, z3) based on said estimation (y2, z2), - updating (S2) parameters of said at least one neural network (48, 50) based on a comparison between said first output data (y1, z1) and said second output data (y3, z3), - after said updating (S2), processing (S4) said received radio signal data with said second signal processing chain (42), without applying said at least one first processing module (44, 45).

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019626 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CONNECTION

(51) International classification	:A47L0009240000, F16L0021080000, E21B0017080000, F16L0023036000, F16L0013140000
(31) Priority Document No	:1816064.8
(32) Priority Date	:02/10/2018
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2019/052752 :30/09/2019
(87) International Publication No	:WO 2020/070476
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MARINE DIRECT CONSULTANTS LIMITED
Address of Applicant :Westhill Business Centre Arnhall Business Park, Westhill Aberdeenshire AB32 6UF U.K.
(72)**Name of Inventor :**
1)VORLEY, Stephen William

(57) Abstract :
A system for making a connection between a first tubular member and a second tubular member having coincident bores for conveying a fluid, the connection having an axis in the general direction of flow of said fluid therethrough, the system comprising a connection (1) and a tensioning tool (100), the connection having a first tubular end (6) comprising a first end flange (16) having an end face (17) and a collar (20) comprising a sleeve (21) and an end stop (30) fixed to the sleeve (21), said sleeve (21) arranged about said flange (18) and said end stop (30) arranged about said tubular end (6), said collar (20) slideable along said tubular end (6), the connection further having a second tubular end (7) comprising a second end flange (43) having an end face (45) and a locking nut (50) about and slideable along said first tubular end (7), the tensioning tool (100) for applying axial tension to said collar (30) relative to said second tubular end (7) characterised in that at least one of said sleeve (20) and said second tubular end (7) has a set of parallel circumferential grooves (23,47) therein and said tensioning tool (100) has a set of ridges (142), the system comprising the steps of moving said set of ridges (142) into said set of grooves (23,47) and applying an axial tension to said collar (20) relative to said second tubular end (7).

No. of Pages : 86 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019660 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SORT AND MERGE INSTRUCTION FOR A GENERAL-PURPOSE PROCESSOR

(51) International classification	:G06F0009300000, G06F0009380000, G06T0001200000, G06F0007360000, G06F0007320000
(31) Priority Document No	:16/181923
(32) Priority Date	:06/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2019/080160 :05/11/2019
(87) International Publication No	:WO 2020/094600
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)INTERNATIONAL BUSINESS MACHINES CORPORATION
Address of Applicant :New Orchard Road Armonk, New York 10504 U.S.A.
2)IBM UNITED KINGDOM LIMITED
(72)**Name of Inventor :**
1)GIAMEI, Bruce, Conrad
2)RECKTENWALD, Martin
3)SCHMIDT, Donald, William
4)SLEGEL, Timothy
5)PURANIK, Aditya, Nitin
6)FARRELL, Mark
7)JACOBI, Christian
8)BRADBURY, Jonathan
9)ZOELLIN, Christian, Gerhard

(57) Abstract :
A Sort Lists instruction is provided to perform a sort and/or a merge operation. The instruction is an architected machine instruction of an instruction set architecture and is executed by a general-purpose processor of the computing environment. The executing includes sorting a plurality of input lists to obtain one or more sorted output lists, which are output.

No. of Pages : 51 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019665 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ANTI-HUMAN FN14 ANTIBODY

(51) International classification	:A61K0039000000, C07K0016280000, A61K0039395000, A61K0033240000, A61K0031513000
(31) Priority Document No	:2018-205995
(32) Priority Date	:31/10/2018
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2019/042587 :30/10/2019
(87) International Publication No	:WO 2020/090892
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ASTELLAS PHARMA INC.
Address of Applicant :5-1, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 1038411 Japan
(72)**Name of Inventor :**
1)ITO, Misato
2)KASHIWAGI, Risa
3)KAWAKAMI, Masakatsu

(57) Abstract :
[Problem] To provide an anti-human Fn14 antibody that binds to human Fn14 and blocks action mediated through human Fn14 to prevent or treat cancer cachexia. [Solution] The present inventors conducted research on anti-human Fn14 antibodies, and have provided an anti-human Fn14 antibody including a heavy chain having the amino acid sequence of SEQ ID NO: 2 and a light chain having the amino acid sequence of SEQ ID NO: 4.

No. of Pages : 35 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019666 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD OF MAKING AEI-TYPE ZEOLITES HAVING A HIGH SILICA TO ALUMINA MOLAR RATIO (SAR)

(51) International classification	:C01B0039020000, C01B0039480000, C01B0039240000, B01J0037000000, B01J0029080000
(31) Priority Document No	:62/755598
(32) Priority Date	:05/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/059611 :04/11/2019
(87) International Publication No	:WO 2020/096935
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)PACIFIC INDUSTRIAL DEVELOPMENT CORPORATION
Address of Applicant :4788 Runway Boulevard Ann Arbor, MI 48108 U.S.A.
(72)**Name of Inventor :**
1)LI, Yunkui
2)GAO, De
3)SHEPARD, David
4)WU, Wei
5)LACHAPELLE, Jeffery
6)ZHANG, Geng

(57) Abstract :
A method of forming AEI-type zeolites in a hydrothermal synthesis without the use of hydrogen fluoride (HF) and in the presence of an FAU zeolite NaY with SAR = 5, a Y zeolite with a SAR = 5, or a combination thereof. A gel composition formed upon using this method includes one or more sources of silica, alumina, organic structure directing agents (OSDA), and alkali metal ions; zeolite seeds; and water. This gel composition is defined by the molar ratios of: SiO2/AI2O3 18:1 to 100:1; M2O/SiO2 0.15:1 to 0.30:1; ROH/SiO2 0.05:1 to 0.13:1; and H2O/SiO2 5:1 to 20:1; wherein M is the alkali metal ion and R is an organic moiety derived from the OSDA. This gel composition, after reacting at a temperature between 135°C to about 200°C for 10 hours to 168 hours forms the crystalline AEI-type zeolite having a silica to alumina ratio (SiO2:AI2O3) that is greater than 15:1.

No. of Pages : 18 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019667 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : PLATE FOR A PLATE HEAT EXCHANGER

(51) International classification	:F28D0009000000, F28F0003040000, F28F0003080000, F28D0001030000, H04R0009060000
(31) Priority Document No	:1859077
(32) Priority Date	:01/10/2018
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2019/075267 :20/09/2019
(87) International Publication No	:WO 2020/069880
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)AXENS
Address of Applicant :89 Bd Franklin Roosevelt B.P. 50802 92500 RUEIL MALMAISON France
(72)**Name of Inventor :**
1)NEEFS, Henricus
2)POPESCU, Constantin

(57) Abstract :
The invention relates to a heat exchanger plate (A; B) comprising a central panel (A0; B0) with at least four sides (A1, A2, A3, A4; B1, B2, B3, B4), said central panel preferably being quadrilateral or quadrilateral with truncated corners, said plate having: - a first side (A1; B1) of the central panel which is inclined in relation to the central panel (A0; B0) and which forms a first junction panel (JA; JB), - the opposite side (A3; B3) from the first side (A1; B1) which is flat.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019668 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : LINK ADAPTATION FOR 5G NR

(51) International classification	:H04L0005000000, H04L0001000000, H04W0072040000, H04W0084180000, H04W0048200000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/IB2018/057652 :02/10/2018
(87) International Publication No	:WO 2020/070541
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :SE-164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)CHEN, Xixian
2)LIU, Qingchao
3)NEZAMI, Yashar

(57) Abstract :
According to some embodiments, a method for use in a wireless transmitter of a wireless communication network comprises (1) calculating information carrying bits per resource block group (RBG) or physical resource block (PRB) based on a channel condition (e.g., signal to interference plus noise ratio (SINR)); (2) estimating the required information bits and number of RBGs based on the desired number of bits to be transmitted and the number of available RBGs; (3) determining the MCS and TBS based on the estimated information bits, the required number of RBGs, number of layers, and RBG size; (4) adjusting the MCS and TBS based on the MCS index and TBS calculated at step 3, the number of required RBGs, and the accumulated information bits calculated from step 2; and (5) determining an MCS state based on the TBS and the accumulated information bits.

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019710 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD FOR TRANSMITTING SYNCHRONIZATION SIGNAL AND COMMUNICATION DEVICE

(51) International classification	:H04W0056000000, H04W0076140000, H04W0004400000, H04L0027260000, H04W0092180000
(31) Priority Document No	:201811198590.8
(32) Priority Date	:15/10/2018
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2019/107147 :21/09/2019
(87) International Publication No	:WO 2020/078166
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO., LTD.
Address of Applicant :Huawei Administration Building, Bantian,Longgang District Shenzhen, Guangdong 518129 China
(72)**Name of Inventor :**
1)YUAN, Pu

(57) Abstract :
Provided by the present application are a method for transmitting a synchronization signal and a communication device, thereby providing a method for transmitting a synchronization signal in V2X sidelink transmission communication. In a time interval for transmitting a set of synchronization signal bursts, a sidelink supplementary synchronization signal is transmitted, such signal being generated by a sidelink synchronization identifier of a first communication device. The signal may be flexibly configured in a data frame after a synchronization signal frame and may be transmitted along with the sidelink control information or sidelink data, wherein transmitting such signal is optional. The sidelink supplementary synchronization signal serves as a supplement to a sidelink synchronization signal, occupies few resources and has a high transmission frequency, which may improve the reliability of synchronization of a vehicle during fast movement.

No. of Pages : 24 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019712 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : OBJECT COLLISION PREDICTION METHOD AND DEVICE

(51) International classification	:G06T0007246000, G06K0009000000, G07B0015020000, H04W0074080000, B60W0010220000
(31) Priority Document No	:201811538048.2
(32) Priority Date	:16/12/2018
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2019/109918 :08/10/2019
(87) International Publication No	:WO 2020/125138
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO., LTD.
Address of Applicant :Huawei Administration Building, Bantian, Longgang District Shenzhen, Guangdong 518129 China
(72)**Name of Inventor :**
1)LAI, Longzhen

(57) Abstract :
A collision detection method and device, which can use an image captured by a camera unit to predict whether to collide with an object to be detected in front. In current collision prediction methods, it is necessary to first determine the type of object to be detected according to the image captured by the camera unit, thereby consuming a lot of computing power. According to the collision detection method, the change trend of the distance between the object to be detected and a vehicle where a device is located can be determined according to the distance between the object to be detected and the vehicle where the device is located in the image captured at different times, and whether a collision occurs between the object to be detected and the vehicle where the device is located is predicted, which can increase the efficiency of collision prediction and reduce the energy consumption for collision prediction.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019740 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : GEL, IN PARTICULAR FOR USE IN A WOUND TREATMENT AGENT

(51) International classification	:A61K0033200000, A61K0009060000, A01N0059000000, A61L0026000000, A23L0029212000
(31) Priority Document No	:10 2018 007 857.5
(32) Priority Date	:05/10/2018
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2019/000286 :04/10/2019
(87) International Publication No	:WO 2020/069771
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SANIXTREME GMBH & CO KG
Address of Applicant :Lurgiallee 12 60439 Frankfurt am Main Germany
(72)**Name of Inventor :**
1)HESS, Marco

(57) Abstract :
The invention relates a gel, in particular for use in a wound treatment agent. The aim of the invention is for the gel to have particularly high storage resistance and long-term stability together with high microbiocidal activity. This aim is achieved, according to the invention, in that the gel comprises an inorganic silicate as a thickener and an electrochemically activated starting sodium chloride solution, which has a concentration of free chlorine of more than 300 mg/l. Furthermore, a dyed gel having the properties described above can be obtained by adding suitable pigments.

No. of Pages : 8 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019741 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN EPILATING DEVICE FOR EPILATING HAIR

(51) International classification	:A45D0026000000, B26B0021440000, A61M0039060000, G06F0001160000, B65H0003080000
(31) Priority Document No	:18198436.0
(32) Priority Date	:03/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/076758 :02/10/2019
(87) International Publication No	:WO 2020/070218
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS N.V.
Address of Applicant :High Tech Campus 52 5656 AG Eindhoven Netherlands
(72)**Name of Inventor :**
1)GLAZENBURG, Joost, Tomas
2)BEUGELS, Johannes
3)KUIPER, Johan
4)DE HAAS, Rogier, Enrico

(57) Abstract :
The invention relates to an epilating device (10) for epilating hairs growing from skin, comprising a housing; an epilating system having a plurality of hair-clamping elements arranged adjacent to each other rotatably on a curved supporting shaft which extends in a plane of curvature; a drive system arranged (58) to rotate the hair-clamping elements; a skin-contacting member (16) arranged to contact the skin during use and to be pivotable relative to the housing about a first pivot axis; a compression member arranged adjacent to the epilating system to exert a compression force on the epilating system directed along a compression line, said compression member being pivotable relative to the housing about a second pivot axis to adjust a position of the compression line relative to the housing; and a linkage mechanism linking the skin-contacting member and the compression member such that a pivotal motion of the skin-contacting member about the first pivot axis over a first pivot angle results in a pivotal motion of the compression member about the second pivot axis over a second pivot angle equal to the first pivot angle; wherein the compression member is arranged in a fixed position relative to the curved supporting shaft; and the linkage mechanism links the skin-contacting member (16) and the supporting shaft such that the pivotal motion of the skin-contacting member (16) about the first pivot axis over the first pivot angle results in a pivotal motion of the supporting shaft about the second pivot axis over the second pivot angle.

No. of Pages : 12 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019742 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CUTTING ASSEMBLY AND TRIMMER COMPRISING THE SAME

(51) International classification	:B23D0061120000, B26B0019120000, B26B0019060000, A61B0017160000, B26B0021000000
(31) Priority Document No	:18198137.4
(32) Priority Date	:02/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/076264 :27/09/2019
(87) International Publication No	:WO 2020/070019
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS N.V.
Address of Applicant :High Tech Campus 52 5656 AG Eindhoven Netherlands
(72)**Name of Inventor :**
1)DE HAAS, Rogier, Enrico
2)STAPELBROEK, Martinus, Bernardus

(57) Abstract :
Provided is a cutting assembly (100) for cutting hairs on skin. The cutting assembly comprises a guard plate (102) for contacting the skin. The guard plate has a first toothed edge (104A) which extends along an axis. The first toothed edge comprises guard teeth (106A). The cutting assembly further comprises a cutter plate (108) which is disposed on the guard plate. The cutter plate is slidable relative to the guard plate in directions parallel with the axis. The cutter plate comprises a second toothed edge (110 A) extending parallel with the axis. The second toothed edge comprises cutting teeth (112A). The cutter plate and the guard plate are aligned such that the hairs are cut by the cutting teeth against the guard teeth when the cutter plate slides. The cutting teeth each include a cutting portion (114A) and a tip (116A). The tip is outwardly enlarged relative to the cutting portion in at least one direction parallel with the axis. The minimum space between adjacent tips is less than the minimum space between adjacent guard teeth. The tip thereby maintains overlap with at least one of the guard teeth during sliding of the cutter plate relative to the guard plate. Further provided is a trimmer including the cutting assembly.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019743 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEMS AND METHODS FOR SLEEP STAGING

(51) International classification	:A61B0005000000, A61B0005080000, A61M0016000000, A61B0005047600, A61M0021000000
(31) Priority Document No	:62/739591
(32) Priority Date	:01/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2019/076663 :01/10/2019
(87) International Publication No	:WO 2020/070171
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS N.V.
Address of Applicant :High Tech Campus 52 5656 AG Eindhoven Netherlands
(72)**Name of Inventor :**
1)FERREIRA DOS SANTOS DA FONSECA, Pedro, Miguel
2)MATTHEWS, Gregory, Delano
3)KANE, Michael,Thomas
4)KLEE, Mareike
5)VASKO, JR., Raymond, Charles
6)GRASSI, Angela

(57) Abstract :
The present disclosure describes a sleep staging system. The system comprises: one or more sensors configured to generate output signals conveying information related to breathing parameters of subject during a respiratory therapy session; and one or more physical computer processors configured by computer readable instructions to: determine, based on the output signals, one or more breathing features of individual breaths of the subject; determine a distribution of the one or more breathing features over a plurality of time windows, at least one of the time windows having a length of at least 60 seconds; determine sleep states of the subject by mapping the distribution of the breathing features to one or more sleep states using a sleep stage classifier model, the sleep stage classifier model configured to determine the sleep states; and provide feedback indicating the sleep states during the respiratory sleep session.

No. of Pages : 26 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019744 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEMS AND METHODS FOR USING BREATH EVENTS IN SLEEP STAGING

(51) International classification	:A61B0005000000, A61B0005080000, A61M0021000000, A61B0005048000, A61B0005113000
(31) Priority Document No	:62/739591
(32) Priority Date	:01/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2019/076662 :01/10/2019
(87) International Publication No	:WO 2020/070170
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS N.V.
Address of Applicant :High Tech Campus 52 5656 AG Eindhoven Netherlands
(72)**Name of Inventor :**
1)FERREIRA DOS SANTOS DA FONSECA, Pedro, Miguel
2)GRASSI, Angela
3)MATTHEWS, Gregory, Delano
4)KANE, Michael, Thomas
5)VASKO, JR., Raymond, Charles
6)KLEE, Mareike

(57) Abstract :
The present disclosure describes a sleep staging system. The sleep staging system comprising: one or more sensors configured to generate output signals conveying information related to one or more breathing parameters of subject; and one or more physical computer processors operatively connected with the one or more sensors, the one or more physical computer processors configured by computer readable instructions to: determine, based on the output signals, one or more breathing features of individual breaths of the subject; determine a distribution of the one or more breathing features over one or more time windows; detect presence of a breathing event based on the output signals; determine sleep states of the subject with a sleep stage classifier model based upon the distribution of the breathing features and the one or more breathing events; and provide feedback indicating the sleep states.

No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019745 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : BATTERY-OPERATED HAIR DRYER

(51) International classification	:A45D0020120000, F04D0025080000, A45D0020100000, B60K0001000000, E01H0001080000
(31) Priority Document No	:18198507.8
(32) Priority Date	:03/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/076336 :29/09/2019
(87) International Publication No	:WO 2020/070032
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS N.V.
Address of Applicant :High Tech Campus 52 5656 AG Eindhoven Netherlands
(72)**Name of Inventor :**
1)LELIEVELD, Mark, Johannes

(57) Abstract :
A battery-operated hair dryer comprises a battery (B), and a fan (F) having rotating fan blades propelled by a motor (M) that is powered by the battery (B), and non-rotating static air flow-shaping vanes (V) between the motor (M) and a motor mount (MM), which non-rotating static airflow-shaping vanes (V) serve as cooling ribs for the battery (B) that is mounted adjacent to the fan (F). Preferably, the battery (B) is positioned adjacent to a motor mount (MM) of the motor (M) of the fan (F). Advantageously, the battery (B) is at least partly positioned in a handle of the battery-operated hair dryer, the fan (F) being positioned adjacent to the handle.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019758 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : STATIC DATA MASKING

(51) International classification	:G06F0021620000, G06F0016245300, H04L0009080000, G06F0016245500, H04K0003000000
(31) Priority Document No	:16/181803
(32) Priority Date	:06/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/058687 :30/10/2019
(87) International Publication No	:WO 2020/096823
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MICROSOFT TECHNOLOGY LICENSING, LLC
Address of Applicant :One Microsoft Way Redmond, Washington 98052-6399 U.S.A.
(72)**Name of Inventor :**
1)DUBISHAR, William B.
2)MCCLENAHAN, Jill M.
3)GRANET, Estienne G.
4)YOSSEF, Oren
5)WELTON, Jeffrey D.

(57) Abstract :
The static data masking system may perform one or more operations including unbinding tables in a database, evaluating masking operations on the tables to determine that at least one masking operation on a particular column of a candidate table is a complex masking operation that cannot be completed using a query, adding a temporary key column with unique values to the candidate table, generating a temporary table including the temporary key column and an empty masked column, generating masked values for the particular column at a client, and populating the masked values for the particular column in the empty masked column of the temporary table.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019759 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : FLAVIN ADENINE DINUCLEOTIDE (FAD) FOR USE IN THE PREVENTION AND/OR TREATMENT OF CANCER

(51) International classification	:A61K0009000000, A61K0045060000, A61K0031436000, A61K0038440000, A61K0031190000
(31) Priority Document No	:1860114
(32) Priority Date	:31/10/2018
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2019/079693 :30/10/2019
(87) International Publication No	:WO 2020/089310
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)BIO EVEN
Address of Applicant :115 rue de Javel 75015 PARIS France
(72)**Name of Inventor :**
1)PALENI, Didier
2)SPADAVECCHIA, Jolanda

(57) Abstract :
The invention relates to Flavin Adenine Dinucleotide (FAD) for use in the prevention and/or treatment of cancer. Advantageously, the FAD is at least partially encapsulated in a particle with a vector for improving the adsorption thereof and the distribution thereof while at the same time limiting the destruction thereof, in particular by blood hydrolases. The invention is part of the pharmaceutical field and more specifically oncology or cancerology.

No. of Pages : 104 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019762 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR DISTRIBUTING SHARES OF DIGITALLY SIGNED DATA

(51) International classification	:H04L0009080000, H04L0009300000, H04L0009320000, H04L0029060000, G06Q0020380000
(31) Priority Document No	:1817507.5
(32) Priority Date	:27/10/2018
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/IB2019/058902 :18/10/2019
(87) International Publication No	:WO 2020/084418
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NCHAIN HOLDINGS LIMITED
Address of Applicant :Fitzgerald House 44 Church Street St. John's Antigua And Barbuda
(72)**Name of Inventor :**
1)WRIGHT, Craig Steven

(57) Abstract :
A computer-implemented method of distributing a shared secret, such as a transaction on the Bitcoin blockchain among a plurality of participants is disclosed. The method comprise a mapping step wherein a plurality of inputs to the mapping step are mapped to respective elliptic curve points of an elliptic curve of an elliptic curve cryptography system common to the participants. In a first encryption step, a plurality of said elliptic curve points are encrypted by means of a public key of a public-private key pair of the elliptic curve cryptography system to provide an output adapted to be decrypted by means of the corresponding private key of the public-private key pair, and in a second encryption step wherein a plurality of parts of at least one input to said second encryption step are multiplied by respective terms of a series known to said participants. In a secret sharing step a plurality of shares of an input to said secret sharing step are distributed to a plurality of said participants such that said input is accessible to a threshold number of said shares and is inaccessible to less than said threshold number of said shares.

No. of Pages : 48 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2021

(21) Application No.202147019781 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : COMPOUNDS CONTAINING DEUTERIUM

(51) International classification	:A61P0013120000, A61K0031225000, C07B0059000000, A61P0025240000, A61K0045060000
(31) Priority Document No	:1816998.7
(32) Priority Date	:18/10/2018
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2019/078250 :17/10/2019
(87) International Publication No	:WO 2020/079165
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ONCOPEPTIDES AB
Address of Applicant :Vstra Trdgrdsgatan 15 Stockholm 111 53 Sweden
(72)**Name of Inventor :**
1)LEHMANN, Fredrik

(57) Abstract :
The invention provides a compound of formula (I), or a pharmaceutically acceptable salt thereof (Formula I), wherein, each R1-R30 is independently selected from the group consisting of H and deuterium, and at least one of R1-R30 is deuterium with an abundance level greater than the naturally occurring abundance of deuterium. The invention also provides pharmaceutical compositions containing the compounds, and uses of the compounds.

No. of Pages : 41 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019804 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : COMPUTER-IMPLEMENTED SYSTEM AND METHOD INCLUDING PUBLIC KEY COMBINATION VERIFICATION

(51) International classification	:H04L0009320000, H04L0009080000, H04L0009300000, H04L0009060000, G06Q0020380000
(31) Priority Document No	:1816936.7
(32) Priority Date	:17/10/2018
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/IB2019/058580 :09/10/2019
(87) International Publication No	:WO 2020/079534
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NCHAIN HOLDINGS LIMITED
Address of Applicant :Fitzgerald House 44 Church Street St. John's Antigua And Barbuda
(72)**Name of Inventor :**
1)WRIGHT, Craig Steven
2)VAUGHAN, Owen

(57) Abstract :
A computer- implemented method is disclosed. The method includes providing a blockchain transaction comprising a public key combination verification function. The blockchain transaction is configured to be redeemable to permit access to, or transfer control of, a resource by providing to the blockchain transaction an input comprising: a plurality of public keys; a gradient value () related to two of the plurality of public keys; and a group public key derived from a combination of the public keys and the gradient value (). The blockchain transaction is configured to apply the public key verification function to the input to verify, upon successful redemption of the transaction, that the group public key is derived from the combination of the plurality of public keys.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019826 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : EUICC PROVISIONING FOR AUTONOMOUS DEVICES

(51) International classification	:H04W0008180000, H04W0008200000, H04W0012060000, H04W0004140000, H04W0060000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/SE2018/051026 :05/10/2018
(87) International Publication No	:WO 2020/071975
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)GRAFULLA-GONZ • LEZ, Beatriz
2)FENG, Jinhua
3)LINDQVIST, Morgan
4)ROBERT, Remi

(57) Abstract :
The invention relates to a method of registering an embedded Universal Integrated Circuit Card (eUICC) for a device (13), and an entity (12) configured to perform the method. The invention further relates to a method of eUICC profile provisioning of a device (13), and an entity (11) configured to perform the method. In an aspect of the invention, a method of a device manufacturer (12) of registering an eUICC (14) for a device (13) is provided. The method comprises registering (S103) an eUICC identifier and a device identifier with a legislation party (15) being responsible for registering (S104) ownership of the device (13), wherein an owner (16) of the device (13) subsequently registers ownership of the device (13) by providing the device identifier to the legislation party (15) along with an owner identifier.

No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019827 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AUTHORIZATION OF A DEVICE BEING EQUIPPED WITH AN EMBEDDED UNIVERSAL INTEGRATED CIRCUIT CARD

(51) International classification	:H04W0008180000, H04W0008200000, H04W0012060000, H04W0012000000, H04W0012040000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/SE2018/051025 :05/10/2018
(87) International Publication No	:WO 2020/071974
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)GRAFULLA-GONZ • LEZ, Beatriz
2)FENG, Jinhua
3)LINDQVIST, Morgan
4)ROBERT, Remi

(57) Abstract :
The invention relates to a method and device (18) for registering an embedded Universal Integrated Circuit Card (11, eUICC) for a device (10), and a method and device (18) for controlling authorization of operation of a device being equipped with an eUICC (11). In an aspect, a method of a service node (18) of registering an eUICC (11) for a device (10) is provided. The method comprises receiving (S101) information specifying ownership of the device (13) and an identifier of the device (10), receiving (S102) an identifier of the eUICC (11) and an identifier of the device (10), and storing the received information, wherein ownership of the device (10) and the identifier of the eUICC (11) being arranged in the device (10) is registered with the service node (18).

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019829 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : HELMET PROVIDED WITH A RING FOR CONNECTING THE HELMET TO AN ANTI-THEFT SYSTEM

(51) International classification	:A42B0003120000, A42B0003040000, H04B0001388800, A45F0005000000, A42B0003060000
(31) Priority Document No	:18 71136
(32) Priority Date	:06/10/2018
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2019/076971 :04/10/2019
(87) International Publication No	:WO 2020/070317
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)OKY
Address of Applicant :176 avenue Charles de Gaulle 92522 NEUILLY-SUR-SEINE France
(72)**Name of Inventor :**
1)SADAOUI, Kainna

(57) Abstract :
The invention relates to a helmet (1) having a hard shell (11) and a flexible shell (12) extending inside the hard shell, said helmet having an attachment device (13) for attaching an anti-theft system (14) external to the helmet. The attachment device comprises a ring (15) through which a connection element of said anti-theft system (14) external to the helmet is able to be passed, said ring (15) being mechanically connected to the hard shell (11) so as to be movable with respect to the hard shell (11) between a stowed position and an extended position; - in the stowed position, most of the ring (15) is located inside a cavity (16) at least partially delimited by the hard shell (11), and in the extended position, at least part of the ring (15) is located outside said cavity (16) so as to allow the connection element of the anti-theft system (14) to be passed through the ring.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019830 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CLAMPING DEVICE

(51) International classification	:B25B0005120000, A61B0090000000, B25B0005040000, B25B0005160000, B25B0005060000
(31) Priority Document No	:2018-189995
(32) Priority Date	:05/10/2018
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2019/038453 :30/09/2019
(87) International Publication No	:WO 2020/071301
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SMC CORPORATION
Address of Applicant :14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo 1010021 Japan
(72)**Name of Inventor :**
1)SEO Takeshi

(57) Abstract :
A clamping device (10) includes a body (12), a clamp arm (14), and a drive mechanism (22) that includes a displacement body (36) displaced linearly, and rotates the clamp arm (14) based on the displacement of the displacement body (36). The displacement body (36) includes a guide surface (74) for guiding the rotation of the clamp arm (14), and also for controlling the rotation of the clamp arm (14) while the clamp arm (14) is in a clamping state. The clamping device (10) further includes a push mechanism (100) disposed at a position facing a lever arm (80) and elastically pushing the displacement body (36) toward the lever arm (80).

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019831 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHODS AND APPARATUS FOR ANALYTICS FUNCTION DISCOVERY

(51) International classification	:H04L0029060000, H04W0012060000, H04L0012240000, H04W0048160000, H04W0004020000
(31) Priority Document No	:18382706.2
(32) Priority Date	:05/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/076576 :01/10/2019
(87) International Publication No	:WO 2020/070118
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)PUENTE PESTA'A, Miguel, Angel

(57) Abstract :
Embodiments described herein provide methods and apparatus for analytics function discovery in a service based architecture comprising a network function. A method, in an analytics discovery function, ADF, comprises receiving a request from the network function for requested analytics information; determining whether the requested analytics information matches a first registration entry; wherein the requested analytics information matches the first registration information if the request analytics information matches first analytics information in the first registration entry; and responsive to the requested analytics information matching the first registration entry, selecting the first analytics function in the first registration entry.

No. of Pages : 23 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019868 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A METHOD AND A CONTROLLER FOR CONFIGURING A REPLACEMENT LIGHTING DEVICE IN A LIGHTING SYSTEM

(51) International classification	:H05B0047190000, H05B0047155000, H04N0021658000, H04N0005225000, H05B0047105000
(31) Priority Document No	:18198861.9
(32) Priority Date	:05/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/076133 :27/09/2019
(87) International Publication No	:WO 2020/069985
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SIGNIFY HOLDING B.V.
Address of Applicant :High Tech Campus 48 5656 AE Eindhoven Netherlands
(72)**Name of Inventor :**
1)MEKENKAMP, Gerhardus, Engbertus

(57) Abstract :
A method (400) of configuring a replacement lighting device in a lighting system is disclosed. The method (400) comprises: obtaining (402) a light scene from a memory (106, 108), wherein the light scene is indicative of lighting control settings for a plurality of lighting devices (112, 114, 116) of the lighting system, receiving (404) a signal indicative of an addition of a new lighting device (118) to the lighting system, determining (406) that a first lighting device (116) of the plurality of lighting devices (112, 114, 116) has been removed from the lighting system, obtaining (408) first data indicative of first light rendering capabilities of the first lighting device (116), obtaining (410) second data indicative of second light rendering capabilities of the new lighting device (118), comparing (412) the first light rendering capabilities to the second light rendering capabilities to identify a difference between the first and second light rendering capabilities, and generating (414) an updated light scene, wherein the updated light scene comprises a lighting control setting for the new lighting device (118), wherein the lighting control setting is based on the original light scene and the difference between the first and second light rendering capabilities.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019869 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD FOR PRINTING OBJECTS WITH INCLINATION ANGLES LESS THAN 45° WITH RESPECT TO BUILDING PLATE

(51) International classification	:B33Y0010000000, B33Y0080000000, B29C0064118000, B33Y0070000000, B33Y0030000000
(31) Priority Document No	:18197848.7
(32) Priority Date	:01/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/076340 :30/09/2019
(87) International Publication No	:WO 2020/070033
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SIGNIFY HOLDING B.V.
Address of Applicant :High Tech Campus 48 5656 AE Eindhoven Netherlands
(72)**Name of Inventor :**
1)HIKMET, Rifat, Ata, Mustafa
2)VAN HAL, Paulus, Albertus
3)HUIJBEN, Cornelis, Adrianus, Maria

(57) Abstract :
Method for producing a 3D item (1) by means of fused deposition modelling, the method comprising a 3D printing stage comprising layer-wise depositing an extrudate (321) comprising 3D printable material (201), to provide the 3D item (1) comprising 3D printed material (202), wherein the 3D item (1) comprises a plurality of layers (322) of 3D printed material (202), wherein the 3D printing stage comprises: - a vertical support providing stage comprising providing a first layer (1100) of 3D printed material (202), wherein the first layer (1100) has a first layer top part (1110) with a first layer top height (HI 1) relative to the substrate (1550) and a first layer bottom part (1120) with a first layer bottom height (H12) relative to the substrate (1550), wherein the first layer (1100) has a first layer height (HI) defined by the difference between the first layer top height (HI 1) and the first layer bottom height (H12), wherein the value of the first layer bottom height (H12) is at least equal to the value of the first layer height (HI), and - an in-air printing stage comprising supportless depositing a second layer (1200) of 3D printed material (202) adjacent to and in contact with the first layer (1100), wherein the second layer (1200) has a second layer top part (1210), wherein at least part of the second layer top part (1210) extends over at least part of the first layer top part (1100) and is conformal therewith.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019870 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A DIGITAL ADDRESSABLE LIGHTING INTERFACE, DALI, ENABLED COMMUNICATION DEVICE FOR TRANSMITTING MESSAGES OVER A COMMUNICATION BUS, AS WELL AS A CORRESPONDING METHOD

(51) International classification	:H05B0047180000, H04L0012400000, H04L0025020000, G06F0013400000, G06F0013160000
(31) Priority Document No	:18198234.9
(32) Priority Date	:02/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/076092 :26/09/2019
(87) International Publication No	:WO 2020/069980
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SIGNIFY HOLDING B.V.
Address of Applicant :High Tech Campus 48 5656 AE Eindhoven Netherlands
(72)**Name of Inventor :**
1)BEIJ, Marcel
2)HONTELE, Bertrand, Johan, Edward
3)DE MOL, Eugen, Jacob
4)TENHUMBERG, Christian

(57) Abstract :
A Digital Addressable Lighting Interface, DALI, enabled communication device for transmitting messages over a communication bus having two communication lines, said device comprising a switch connected between said two communication lines, a controller arranged for controlling said switch for imposing logical communication levels on said communication bus, an energy storage device, connected in series with said switch, and arranged for storing electrical energy flowing from said bus through said switch, a bypass circuit arranged for bypassing said energy storage device when a voltage over said energy storage device is above a predetermined voltage threshold.

No. of Pages : 11 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019871 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CREATING A COMBINED IMAGE BY SEQUENTIALLY TURNING ON LIGHT SOURCES

(51) International classification	:G03B0037040000, F16P0003140000, B65G0001137000, G06F0009300000, C12Q0001686000
(31) Priority Document No	:18198685.2
(32) Priority Date	:04/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/076383 :30/09/2019
(87) International Publication No	:WO 2020/070043
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SIGNIFY HOLDING B.V.
Address of Applicant :High Tech Campus 48 5656 AE Eindhoven Netherlands
(72)**Name of Inventor :**
1)BORRA, Tobias
2)ALIAKSEYEU, Dzmitry, Viktorovich
3)LAMBOOIJ, Marcus, Theodorus, Maria

(57) Abstract :
A system is configured to sequentially turn on each of a plurality of sets (13-15) of one or more light sources and capture an image (53) of a spatial area comprising the plurality of sets of one or more light sources. Each of the images captures a similar or same spatial area and comprises only one (15) of the plurality of sets of one or more light sources in a turned-on state. The system is further configured to combine the images into a combined image. The combined image comprises each of the plurality of sets of one or more light sources in a turned-on state.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019898 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : FAULT DIAGNOSIS DEVICE

(51) International classification	:F24F0011300000, F02D0041220000, G05B0023020000, G01R0031400000, H04L0029080000
(31) Priority Document No	:2018-189043
(32) Priority Date	:04/10/2018
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2019/026509 :03/07/2019
(87) International Publication No	:WO 2020/070937
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO., LTD.
Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 1078556 Japan
(72)**Name of Inventor :**
1)KAWAHARA Naoki
2)WATANABE Koji

(57) Abstract :
Provided is a fault diagnosis device capable of identifying the true location of a fault in a short length of time, regardless of mechanic experience. The present invention is a fault diagnosis device (10) that diagnoses faults on the basis of fault codes (DTC) recorded in an electronic controller (ECU (82)) of a vehicle (80), the device comprising: a storage unit (16) for storing system information (34) representing a system of a plurality of fault codes that are related to each other; an identifying unit (22) for identifying a true fault code on the basis of the system information (34) when a plurality of fault codes are recorded; and an output unit (display unit (18)) for outputting the identification results of the identification unit (22).

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019899 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NOTIFICATIONS FOR A SUBSCRIPTION TO NETWORK FUNCTION (SERVICE) PROFILE CHANGE

(51) International classification	:H04L0012260000, G16H0040200000, H04W0060060000, H04W0048020000, G06F0009540000
(31) Priority Document No	:62/741211
(32) Priority Date	:04/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2019/074128 :10/09/2019
(87) International Publication No	:WO 2020/069825
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)YANG, Yong
2)DE-GREGORIO-RODRIGUEZ, Jesus-Angel
3)LU, Yunjie

(57) Abstract :
Disclosed herein is a method, performed by a repository network entity (1200) within a telecommunications network, for providing notifications for a subscription to monitor changes of a NF profile of a monitored network entity. The method comprises: receiving, from a subscribing network entity (1100), a subscription request to subscribe to monitor changes to a NF profile of at least one monitored network entity, the request comprising a notification preference that identifies a subset of attributes in the NF profile to be monitored or to be excluded from monitoring; and providing to the subscribing network entity, notifications of changes to the identified subset of attributes of the NF profile of the at least one monitored network entity.

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019900 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : REDIRECTION MECHANISM TO SUPPORT NETWORK SHARING/SLICING WITH CU-DU SPLIT

(51) International classification	:H04W0072040000, H04W0088080000, H04W0036000000, H04W0076270000, H04W0012040000
(31) Priority Document No	:62/741358
(32) Priority Date	:04/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2019/058494 :04/10/2019
(87) International Publication No	:WO 2020/070720
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :SE-164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)VESELY, Alexander
2)FIORANI, Matteo
3)MILDH, Gunnar

(57) Abstract :
Systems and methods for redirecting Radio Resource Control (RRC) messages in a wireless system that uses Central Unit (CU) / Distributed Unit (DU) splitting and either network sharing or network slicing are disclosed. In some embodiments, a method performed by a shared Distributed Unit (DU) comprises receiving a RRC message from a User Equipment (UE) and sending a first DU-to- Central Unit (CU) message to a first CU, where the first DU-to-CU message comprises the RRC message. The method further comprises either obtaining an indication that the first CU is a wrong CU for the RRC message or determining that the first CU is a wrong CU for the RRC message. The method further comprises sending another DU-to-CU message to a second CU, where the other DU-to-CU message comprises the RRC message or a RRC message related to the RRC message.

No. of Pages : 53 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019901 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING BISPECIFIC ANTI-CD37 ANTIBODIES

(51) International classification	:C07K0016280000, A61K0039000000, A61P0035000000, A61K0039395000, C07K0016300000
(31) Priority Document No	:62/741267
(32) Priority Date	:04/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2019/076965 :04/10/2019
(87) International Publication No	:WO 2020/070313
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)GENMAB HOLDING B.V.
Address of Applicant :Uppsalalaan 15 3584 CT Utrecht Netherlands
(72)**Name of Inventor :**
1)OOSTINDIE, Simone
2)BEURSKENS, Frank
3)BREIJ, Esther, C, W,
4)VAN DEN BRINK, Edward, N,
5)HOLLENSTEIN, Andreas
6)OVERDIJK, Marije
7)LINDORFER, Margaret
8)TAYLOR, Ronald
9)PARREN, Paul
10)VAN DER HORST, Hilma
11)CHAMULEAU, Martine, E, D,
12)MUTIS, Tuna
13)CIMANDER, Christian
14)SAHLIN, Martin
15)REN, Shan
16)RAZVI, Abbas
17)GRAPENTIN, Christoph

(57) Abstract :
The disclosure relates to pharmaceutical compositions comprising CD37-specific bispecific antibody molecules binding to different epitopes of the human CD37 antigen which bispecific antibody molecules have enhanced Fc-Fc interactions upon binding to CD37 on the cell surface. The disclosure also relates to use of these pharmaceutical compositions for the treatment of cancer and other diseases.

No. of Pages : 109 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019903 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : PRIORITIZING BEAM RECOVERY MEASUREMENTS OVER OTHER MEASUREMENTS

(51) International classification	:H04W0072040000, H04W0036140000, G06F0003010000, H04W0024100000, H04B0007060000
(31) Priority Document No	:62/741991
(32) Priority Date	:05/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2019/076802 :03/10/2019
(87) International Publication No	:WO 2020/070238
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NOKIA TECHNOLOGIES OY
Address of Applicant :Karakaari 7 02610 Espoo Finland
(72)**Name of Inventor :**
1)DALSGAARD, Lars
2)DIMNIK, Riikka Karoliina

(57) Abstract :
According to a first embodiment, a method may include determining, by the user equipment, that a number of beam failure instances is greater than or equal to at least one threshold. The method may further include initiating, by the user equipment, at least one measurement on at least one beam candidate set. The method may further include suspending, by the user equipment, non-beam candidate measurements performed by the user equipment.

No. of Pages : 15 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019921 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : COATINGS WITH EARLY WATER RESISTANCE

(51) International classification	:C08G0077140000, C09D0133020000, C09D0133060000, C09D0153000000, C03C0017300000
(31) Priority Document No	:62/754725
(32) Priority Date	:02/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/059380 :01/11/2019
(87) International Publication No	:WO 2020/092895
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MOMENTIVE PERFORMANCE MATERIALS INC.
Address of Applicant :260 Hudson River Road Waterford, New York 12188 U.S.A.
(72)**Name of Inventor :**
1)COUSINO, Paula Rene™e
2)SEEBER, Michael James

(57) Abstract :
A coating composition is shown and described herein. The coating composition comprises: the (meth)acrylic polymer containing at least one active hydrogen (a), the epoxy silane oligomer composition (b), emulsifier (c), titanium oxide particles (d), a siliceous particulate filler (e) and water (f) optionally one or more additives, where the epoxy silane oligomer composition comprises 5 to 15 weight percent monomer, 5 to 20 weight percent dimer, 5 to 20 weight percent trimer and 45-85 weight percent poly-oligomers components. The coating composition can provide a water-based coating composition exhibiting early water resistance such that defects in the coating are minimized if exposed to water prior to the coating being fully cured.

No. of Pages : 30 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019922 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : DETECTION METHOD, DEVICE, AND SYSTEM

(51) International classification	:H04B0007120000, H04B0001000000, H01Q0001360000, H04B0001715000, H04W0072040000
(31) Priority Document No	:201811253407.X
(32) Priority Date	:25/10/2018
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2019/108443 :27/09/2019
(87) International Publication No	:WO 2020/082985
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO., LTD.
Address of Applicant :Huawei Administration Building, Bantian, Longgang District Shenzhen, Guangdong 518129 China
(72)**Name of Inventor :**
1)GAO, Lutao
2)MA, Sha
3)SONG, Sida

(57) Abstract :
An object detection method employing a radio signal, a detection device, a detector, and a computer readable storage medium. The detection method comprises: determining a first frequency band, the first frequency band being one of N frequency bands (701); transmitting a radio signal in the first frequency band (702); and receiving, via a detection device, a reflected signal formed by the radio signal reflected by a target object (703), wherein any one of the N frequency bands and at least one of the other N-1 frequency bands partially overlap, the absolute value of a difference between the minimum frequencies of any two of the N frequency bands is not less than a first threshold (F), or the N frequency bands have one or more second frequency bands partially overlapping with the first frequency band, and the absolute value of a difference between the minimum frequency of each second frequency band and the minimum frequency of the first frequency band is not less than the first threshold (F). The method achieves high anti-interference performance at a low frequency resource overhead, and also supports communications involving a larger number of radars.

No. of Pages : 56 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019923 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLER DELIVERY OF MEDICAL DEVICES INTO PATIENT BODIES

(51) International classification	:A61M0025100000, A61M0025000000, A61F0002950000, A61K0009000000, A61N0001200000
(31) Priority Document No	:16/176481
(32) Priority Date	:31/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/052955 :25/09/2019
(87) International Publication No	:WO 2020/091914
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ANCHOR BALLOON, INC.
Address of Applicant :7462 Oak Shore Drive Portage, MI 49024 U.S.A.
(72)**Name of Inventor :**
1)GUPTA, Vishal

(57) Abstract :
Intravascular delivery system for deployment of a therapeutic device, such as a stent, in a controlled and robust manner is supported by a lockable balloon catheter equipped with a locking mechanism configured to lock in vivo to a delivery component, such as a guidewire. The lockable balloon catheter can be controllably transitioned between a locked and an unlocked modes of operation by inflation/deflation on of the balloon of the lockable balloon catheter. Being in the locked mode of operation, the lockable balloon catheter facilitates delivery of the therapeutic element along the delivery component to a target site while enhancing the stability of the delivery component, especially near the target site.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202147019986 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : APPARATUS, METHOD AND COMPUTER PROGRAM

(51) International classification	:H04W0052020000, H04W0076280000, H02J0050800000, H03D0007140000, G10L0025780000
(31) Priority Document No	:
(32) Priority Date	:16/06/2017
(33) Name of priority country	:Argentina
(86) International Application No Filing Date	:PCT/CN2019/074627 :02/02/2019
(87) International Publication No	:WO 2020/155156
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NOKIA SHANGHAI BELL CO., LTD.
Address of Applicant :No. 388, Ningqiao Road, Pudong Jinqiao Shanghai 201206 China
2)NOKIA SOLUTIONS AND NETWORKS OY
3)NOKIA TECHNOLOGIES OY
(72)**Name of Inventor :**
1)LIU, Jianhua
2)HE, Jing
3)WU, Chunli
4)SEBIRE, Benoist

(57) Abstract :
There is provided an apparatus, said apparatus comprising means for operating in a first discontinuous reception mode comprising at least one awake period and at least one sleep period, receiving, during operation in the at least one awake period, a first indication from a network to perform at least one of pausing operation of the first discontinuous reception mode such that the apparatus continues operation in the at least one awake period and disabling operation of the first discontinuous reception mode such that the apparatus continues operation in a second discontinuous reception mode.

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2021

(21) Application No.202147020075 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD FOR PREVENTING OXIDATION OF POLYPHENOL BY MEANS OF APTAMER, MATERIAL THEREOF, AND USE THEREOF

(51) International classification	:C12N0015115000, A61Q0019080000, A61Q0019000000, A61K0008893000, A61K0008640000
(31) Priority Document No	:10-2018-0135214
(32) Priority Date	:06/11/2018
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2019/014801 :04/11/2019
(87) International Publication No	:WO 2020/096296
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NEXMOS CO., LTD.
Address of Applicant :#2207, 22F, 767, Sinsu-ro Suji-Gu, Yongin-Si Gyeonggi-do 16827 Republic of Korea
(72)**Name of Inventor :**
1)SON, In Sik

(57) Abstract :
The present invention relates to a method for preventing oxidation of polyphenol, a material thereof, and a use thereof and, more specifically, to a method for preventing oxidation of catechin by treating catechin with an aptamer, an aptamer exhibiting such activity, and an application of the aptamer to various fields such as cosmetic products, food products and drugs. The aptamer of the present invention can prevent oxidation of catechin. Therefore, the aptamer of the present invention can be applied to various fields such as cosmetic products, food products and drugs which require oxidation prevention of catechin.

No. of Pages : 10 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2021

(21) Application No.202147020077 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : BEVERAGE DISPENSING SYSTEM

(51) International classification	:B67D0001000000, B67D0001080000, G07F0013060000, G06F0003048200, B67D0001120000
(31) Priority Document No	:62/748748
(32) Priority Date	:22/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/057138 :21/10/2019
(87) International Publication No	:WO 2020/086425
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)PEPSICO, INC.
Address of Applicant :700 Anderson Hill Road Purchase, New York 10577 U.S.A.
(72)**Name of Inventor :**
1)CIMATTI, Marco
2)LJUNGGREN, Anton
3)BROEN, Martin Eduardo
4)LIM, Stephen
5)FRANZEN, Martin Ivar
6)BABIC, Ivana

(57) Abstract :
Systems and methods for dispensing compositions, such as beverages, are provided. A beverage dispenser may be configured to receive input corresponding to a selection of a beverage. The beverage dispenser may receive additional input corresponding to an adjustment of an ingredient of the selected beverage.

No. of Pages : 63 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020102 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A PERSONAL CARE APPARATUS

(51) International classification	:G08C0017020000, G05B0019042000, H04N0021478000, A45D0026000000, G09G0005000000
(31) Priority Document No	:18198663.9
(32) Priority Date	:04/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/076345 :30/09/2019
(87) International Publication No	:WO 2020/070036
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS N.V.
Address of Applicant :High Tech Campus 52 5656 AG Eindhoven Netherlands
(72)**Name of Inventor :**
1)GODLIEB, Robert

(57) Abstract :
There is provided a personal care apparatus that is configured to connect to a display apparatus. The personal care apparatus comprises a first control unit configured to: determine a current operation mode of the personal care apparatus as a usage mode or a control mode, and detect a first predetermined user maneuver. The first predetermined user maneuver corresponds to a control operation of the personal care apparatus in the usage mode and corresponds to a control operation of the display apparatus in control mode. When the first predetermined user maneuver is detected, the first control unit is further configured to: perform the control operation of the personal care apparatus if the determined current operation mode is the usage mode, or transmit a control signal corresponding to the control operation of the display apparatus to the display apparatus if the determined current operation mode is the control mode.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020103 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ADAPTIVE ANTI-SCATTER DEVICE

(51) International classification	:G21K0001020000, A61B0006030000, B60G0017016000, A61B0006000000, B64C0013500000
(31) Priority Document No	:18198702.5
(32) Priority Date	:04/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/075974 :26/09/2019
(87) International Publication No	:WO 2020/069950
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS N.V.
Address of Applicant :High Tech Campus 52 5656 AG Eindhoven Netherlands
(72)**Name of Inventor :**
1)ELENBAAS, Thijs
2)DEN HARTOG, Markus Johannes Harmen
3)OLIVAN BESCOS, Javier
4)VOGTMEIER, Gereon
5)VAN DER STERREN, William Edward Peter
6)RUIJTERS, Dani«l Simon Anna

(57) Abstract :
An adaptive X-ray anti-scatter device (20) for placement in the source-detector axis (22) of an X-ray imager (8) comprising: - an anti-scatter filter having a source orientable surface and a detector orientable surface, wherein the anti-scatter filter comprises a plurality of realignable slats (24) for absorbing incident X-rays, wherein the slats are separated by a plurality of interstitial portions (26); and - a first actively deformable member (26a) comprising a first set of one or more actively deformable actuators (28a, 28b) disposed across a first region of the first actively deformable member (26a), wherein one or more actively deformable actuators of the first set of one or more actively deformable actuators are configured to change the alignment of a corresponding of slat of the anti-scatter filter in relation to the source-detector axis, wherein at least a portion of each actuator of the first set of one or more actively deformable actuators is partially or fully recessed within the interstitial portions of the anti-scatter filter, and at least one actuator of the first set of one or more actively deformable actuators is in contact with at least one realignable slat of the plurality of slats, so that a deformation of the at least one actuator of the first set of one or more actively deformable actuators of the one or more actively deformable actuators causes a corresponding change to the alignment of the at least one corresponding slat from a first alignment to a second alignment relative to the source- detector axis.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020104 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHODS AND SYSTEMS FOR DETERMINING COMPLEMENTARY ULTRASOUND VIEWS

(51) International classification	:A61B0008080000, A61B0008000000, G01S0007520000, A61B0008140000, A61B0008120000
(31) Priority Document No	:18290115.7
(32) Priority Date	:08/10/2018
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2019/076337 :29/09/2019
(87) International Publication No	:WO 2020/074291
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS N.V.
Address of Applicant :High Tech Campus 52 5656 AG Eindhoven Netherlands
(72)**Name of Inventor :**
1)CIOFOLO-VEIT, Cyb¨le
2)LEFEVRE, Thierry
3)RAYNAUD, Caroline, Denise, Francoise
4)ROUET, Laurence

(57) Abstract :
The invention provides an ultrasound imaging method for determining complementary views of interest based on an anomalous feature identified in a region of interest of an ultrasound image. The method includes obtaining an ultrasound image of a region of interest of a subject and identifying an anomalous feature within said region. The identified anomalous feature may then be used to determine one or more available complementary ultrasound images of interest of the subject. The one or more available complementary ultrasound images may then be displayed to a user and the complementary ultrasound views to be reviewed may then be selected by the user from the displayed available complementary ultrasound images.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021
(21) Application No.202147020123 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ROTATING ELECTRICAL MACHINE TERMINAL, ROTATING ELECTRICAL MACHINE, AND METHOD FOR MANUFACTURING ROTATING ELECTRICAL MACHINE

(51) International classification	:G03F0007200000, H01R0004020000, A61K0008220000, G02F0001134300, H01L0023000000
(31) Priority Document No	:2018-209986
(32) Priority Date	:07/11/2018
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2019/041846 :25/10/2019
(87) International Publication No	:WO 2020/095711
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DENSO TRIM CORPORATION
Address of Applicant :2460, Akasaka, Ogohara, Komono-cho, Mie-gun Mie 5101222 Japan
(72)**Name of Inventor :**
1)MIZUTANI Seiichi
2)MOROOKA Yu

(57) Abstract :
This rotating electrical machine includes a plate-shaped electrode. The plate-shaped electrode includes a rotating electrical machine terminal having a convex shape on both sides thereof in a plate thickness direction. The terminal is for joining to an aluminum-based metal wire, to be joined to an aluminum-based metal wire. The method for manufacturing a rotating electrical machine includes a plurality of steps. The plurality of steps include a step of forming a convex shape on both mutually-opposing sides of an electrode terminal. The plurality of steps include a step of arranging a plurality of conductor wires in a dispersed manner on each convex shape on both sides. The plurality of steps include a step of pressing the conductor wires against the terminal from both sides of the terminal. The plurality of steps include a step of joining the electrode to the plurality of conductor wires.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020124 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD FOR PURIFYING (METH)ACRYLIC ACID

(51) International classification	:C07C0051430000, C07C0051470000, B01D0009000000, C22B0003000000, C07C0051440000
(31) Priority Document No	:2018-190785
(32) Priority Date	:09/10/2018
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2019/039840 :09/10/2019
(87) International Publication No	:WO 2020/075762
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MITSUBISHI CHEMICAL CORPORATION
Address of Applicant :1-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 1008251 Japan
(72)**Name of Inventor :**
1)CHIZAKI Yasuhiro
2)KANAYA Koji
3)HINO Tomomichi
4)RI Morihiro
5)ISHIBASHI Ryutaro
6)TAGUCHI Yuki

(57) Abstract :
In a method which separates solid and liquid from a slurry that comprises (meth)acrylic acid crude crystal and a mother liquor in a chamber, a crude crystal in which the amount of the mother liquor, specifically methanol as a solvent has been reduced, can be obtained by a solid-liquid separation method that separates the mother liquor from the slurry through a filter that is placed in the chamber while a gas is supplied into the chamber, and (meth)acrylic acid with less impurities can be obtained by purifying the crude crystal in which the mother liquor and the impurities have been reduced.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020125 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CLEANING AND DETECTING A CLEAN CONDITION OF A VIBRATORY METER

(51) International classification	:G01F0001840000, G01N0009000000, G01N0011160000, G01F0025000000, G01F0015020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/US2018/054844 :08/10/2018
(87) International Publication No	:WO 2020/076284
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MICRO MOTION, INC.
Address of Applicant :7070 Winchester Circle Boulder, Colorado 80301 U.S.A.
(72)**Name of Inventor :**
1)DROST, Timothy M.

(57) Abstract :
A meter electronics (20) configured to clean a conduit in a vibratory meter (5) is provided. The meter electronics (20) includes an interface (201) configured to provide a drive signal to a meter assembly (10) communicatively coupled to the meter electronics (20) and receive one or more sensor signals from the meter assembly (10), and a processing system (202) communicatively coupled to the interface (201). The processing system (202) is configured to determine a parameter from the one or more received sensor signals. The processing system (202) is further configured to, based on the parameter, at least one of detect an unclean condition of the meter assembly (10) and enter into a cleaning mode, and detect a clean condition of the meter assembly (10) and enter into a non-cleaning mode.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020126 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SMALL MOLECULE MDM2 PROTEIN DEGRADERS

(51) International classification	:A61P0035000000, C07D0401140000, C07D0487100000, C07D0401060000, C07D0211780000
(31) Priority Document No	:62/742627
(32) Priority Date	:08/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/054913 :07/10/2019
(87) International Publication No	:WO 2020/076660
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN
Address of Applicant :Office of Technology Transfer 1600 Huron Parkway, 2nd Floor Ann Arbor, MI 48109-2590 U.S.A.
(72)**Name of Inventor :**
1)WANG, Shaomeng
2)AGUILAR, Angelo
3)LI, Yangbing
4)YANG, Jiuling
5)MCEACHERN, Donna

(57) Abstract :
The present disclosure provides compounds represented by Formula (I): wherein Rla, Rlb, R2a, R2b, R3a, R3b, R4, A, L, X, Y, and Z are as defined as set forth in the specification. The present disclosure also provides compounds of Formula (I) for use to treat cancer or any other disease, condition, or disorder that is responsive to degradation of MDM2 protein.

No. of Pages : 71 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020127 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ANTIBODIES DIRECTED TO FILAMIN-A AND THERAPEUTIC USES THEREOF

(51) International classification	:G01N0033574000, A61K0039000000, C07K0016180000, B82Y0005000000, A61K0045060000
(31) Priority Document No	:62/743169
(32) Priority Date	:09/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/055401 :09/10/2019
(87) International Publication No	:WO 2020/076954
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)IBEX BIOSCIENCES, LLC
Address of Applicant :320 Greene Street Cumberland, Maryland 21502 U.S.A.
(72)**Name of Inventor :**
1)KARLIN, Michael Joseph
2)CROCI, Alberto Murat
3)DE LA CRUZ, Vidal Felix
4)LAI, Norman Zhennan
5)FEINSON, Roy

(57) Abstract :
The disclosure teaches antibodies that are useful, inter alia, in methods for detecting and treating human cancer. In a particular aspect, the disclosure teaches novel antibodies that are useful for detecting and treating human breast cancer. In some embodiments, the disclosure teaches novel antibodies that bind to filamin A. In some embodiments, the antibodies are intrabodies.

No. of Pages : 86 No. of Claims : 91

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020145 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD FOR REMOVING EXCESS FILM FROM FRONT SURFACE OF CRYSTALLINE SILICON SOLAR CELL

(51) International classification	:H01L0031180000, H01L0031021600, H01L0031068000, H01L0023000000, H01L0031022400
(31) Priority Document No	:201811188840.X
(32) Priority Date	:12/10/2018
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2019/098403 :30/07/2019
(87) International Publication No	:WO 2020/073720
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ZHEJIANG AIKO SOLAR ENERGY TECHNOLOGY CO., LTD.
Address of Applicant :No. 655, Haopai Road, Suxi Town Yiwu, Zhejiang 322009 China
(72)**Name of Inventor :**
1)WU, Huimin
2)ZHANG, Xiaoming
3)FANG, Jiebin
4)LIN, Kang-Cheng
5)HE, Daneng
6)CHEN, Gang

(57) Abstract :
A method for removing excess film from the front surface of a crystalline silicon solar cell. The method comprises the following steps: S1: in the process of rear-surface passivation deposition for a silicon wafer, sequentially depositing an Al2O3 film, an SiO2 film, and a SiNx film to form a rear-surface passivation film, excess film consequently being formed on the edges of the front surface of the silicon wafer; S2: preparing an aqueous film on the surface of the rear-surface passivation film of the product obtained in step S1; S3: enabling the product obtained in step S2 to pass through an HF/HCl tank to remove the excess film; S4: enabling the product obtained in step S3 to pass through a water tank to remove residual treatment solution; and S5: drying the product obtained in step S4. The method corrects the problem of excess film on the front surface of a tubular crystalline silicon solar PERC, improves the appearance of the cell as well as the photoelectric conversion efficiency. Additionally providing the SiO2 film between the conventional rear-surface passivation films Al2O3/SiNx improves the hydrophilicity of the aqueous film, and facilitates removal of the excess film and prevents the rear-surface passivation film from being corroded by the gas phase.

No. of Pages : 6 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020152 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : CHIMNEY FOR IMPACTOR NOZZLES AND INTEGRATED ASSEMBLY

(51) International classification	:F01N0003280000, F16N0039060000, F01N0003200000, E21B0034060000, F01M0013040000
(31) Priority Document No	:62/776074
(32) Priority Date	:06/12/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/048116 :26/08/2019
(87) International Publication No	:WO 2020/117335
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)CUMMINS FILTRATION IP, INC.
Address of Applicant :500 Jackson Street Columbus, Indiana 47201 U.S.A.
(72)**Name of Inventor :**
1)LUTADE, Ruchi
2)AYAREKAR, Avinash
3)HOLM, Christopher E.
4)SCHECKEL, Benjamin L.
5)MANAGAVE, Sachin Ravasaheb
6)KOLHE, Vijay Dinkar

(57) Abstract :
A separation assembly comprises a housing and a plate. The housing comprises an inlet and an outlet. The plate is positioned within the housing between the inlet and the outlet. The plate comprises a wall, at least one aperture, and at least one chimney comprising an inner surface surrounding the at least one aperture and an outer surface. The chimney extends from an upstream side of the wall and encompasses only a portion of a flow path between the inlet and the upstream side of the wall such that fluid can flow radially beyond the outer surface of the at least one chimney in the housing between the inlet and the wall.

No. of Pages : 30 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020163 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : HIGH GLOSS BLACK TPO REPLACING PAINT

(51) International classification	:C08L0023100000, H04N0019184000, C08L0023160000, G06K0009000000, G07F0017340000
(31) Priority Document No	:62/755859
(32) Priority Date	:05/11/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/059899 :05/11/2019
(87) International Publication No	:WO 2020/097102
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)EQUISTAR CHEMICALS, LP
Address of Applicant :Lyondellbasell Tower 1221 McKinney Street, Suite 300 Houston, TX 77010 U.S.A.
(72)**Name of Inventor :**
1)BANTA, Perry, J.
2)DAMMANN, Michael, J.

(57) Abstract :
A molded in-color composition comprising a thermoplastic olefin resin composition, a compatibilizer composition, and one or more pigments. The molded in-color composition has: (i) aL value within -1.0 to 0 of a L value for a standard, wherein the L value for the standard is about 24.85; (ii) a a value within ± 0.3 of a a value for a standard, wherein the a value for the standard is about -0.09: (iii) a b value within ± 0.3 of a b value for a standard, wherein the b value for the standard is about -0.74, and. (iv) a value = 1.0. Articles made from the molded in-color composition include a variety of articles, including but not limited to, at least parts of an automobile.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020198 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SEPARATE MERGE LIST AND INTRA-INTER TECHNIQUES HARMONIZATION FOR VIDEO CODING

(51) International classification	:H04N0019610000, H04N0019176000, H04N0019107000, H04N0019460000, H04N0019159000
(31) Priority Document No	:62/751552
(32) Priority Date	:27/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/RU2019/050201 :25/10/2019
(87) International Publication No	:WO 2020/085956
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO., LTD.
Address of Applicant :Huawei Administration Building, Bantian, Longgang District Shenzhen, Guangdong 518129 China
2)CHERNYAK, Roman Igorevich
(72)**Name of Inventor :**
1)CHERNYAK, Roman Igorevich
2)CHERNYAK, Roman Igorevich
3)IKONIN, Sergey Yurievich
4)KARABUTOV, Alexander Alexandrovich
5)CHEN, Jianle

(57) Abstract :
The present invention relates to methods and apparatuses for encoding video data into a bitstream and for decoding video data received in a bitstream. A second control flag indicating whether or not to use multi-hypothesis prediction for intra and inter mode is generated and transmitted only conditionally, upon a determination whether or not separate merge list technique for subblock merge candidates is used. On the other hand, a decoder is capable to decide about usage of multi-hypothesis prediction for intra and inter mode and separate merge list technique for subblock merge candidates although the second control flag is transmitted only conditionally.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020200 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD, APPARATUS AND COMPUTER PROGRAM

(51) International classification	:H04W0076380000, H04W0008240000, H04W0060060000, G06F0012080800, G06Q0050180000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/EP2018/077205 :05/10/2018
(87) International Publication No	:WO 2020/069760
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NOKIA TECHNOLOGIES OY
Address of Applicant :Karakaari 7 02610 Espoo Finland
(72)**Name of Inventor :**
1)WON, Sung Hwan

(57) Abstract :
An apparatus comprising means for performing: determining an expiration of a service request timer generated in association with a service request message from the apparatus; and handling the expiration of the service request timer based on a determination of a service type of the service request message.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020201 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : COMMUNICATION METHOD AND APPARATUS FOR ETHERNET, AND DEVICE

(51) International classification	:H04L0012413000, C09D0001000000, H04W0084040000, F02M0021020000, G01R0033385000
(31) Priority Document No	:201811327156.5
(32) Priority Date	:08/11/2018
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2019/110507 :11/10/2019
(87) International Publication No	:WO 2020/093835
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO., LTD.
Address of Applicant :Huawei Administration Building, Bantian Longgang District Shenzhen, Guangdong 518129 China
(72)**Name of Inventor :**
1)WANG, Xuehuan
2)ZHANG, Xingxin

(57) Abstract :
Provided are a communication method and apparatus for Ethernet, and a device. The method comprises: a first device sending time parameters to a second device, wherein the time parameters comprise parameters of at least one duration from among the quiet state duration, the refresh state duration or the total duration, and the total duration is the total duration of a quiet state and a refresh state; and the first device adjusting, according to the time parameters, the state duration in an LPI mode. The present application can improve an energy saving effect and avoid wasting bandwidth and energy.

No. of Pages : 41 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020208 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND ARRANGEMENT FOR READING OUT THE STATE OF A QUBIT

(51) International classification	:G06N0010000000, H02M0001120000, B82Y0010000000, G11C0011440000, H04N0005374000
(31) Priority Document No	:20185847
(32) Priority Date	:10/10/2018
(33) Name of priority country	:Finland
(86) International Application No Filing Date	:PCT/FI2019/050726 :10/10/2019
(87) International Publication No	:WO 2020/074783
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)IQM FINLAND OY
Address of Applicant :Keilaranta 19 02150 Espoo Finland
(72)**Name of Inventor :**
1)M–TT–NEN, Mikko
2)IKONEN, Joni
3)GOETZ, Jan

(57) Abstract :
For reading out the state of a qubit there is injected(1602) a readout input waveform into a system that comprises an information storage element (101) for storing the state of the qubit and a readout resonator (102) that is electromagnetically coupled to said information storage element(101). A readout output waveform is extracted from said system and detected (1102). Said injecting (1602) of the readout input waveform takes place through an excitation port (103) that is also used to inject excitation waveforms to the information storage element (101) for affecting the state of the qubit. A phase of the readout input waveform is controllably shifted (1604) in the course of injecting it into the system.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020224 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM FOR CONVERTING THE ENERGY OF THE SEA WAVES INTO ELECTRICITY AND FOR PROTECTING THE BEACHES FROM STORM SURGES

(51) International classification	:F03B0013180000, E02B0003060000, E02B0009080000, A01K0061600000, F03B0013140000
(31) Priority Document No	:202018000003695
(32) Priority Date	:06/11/2018
(33) Name of priority country	:Italy
(86) International Application No Filing Date	:PCT/IT2019/000091 :06/11/2019
(87) International Publication No	:WO 2020/095334
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)BERNARDI, Dario
Address of Applicant :via Mazzini,5 47841 Cattolica (RN) Italy
(72)**Name of Inventor :**
1)BERNARDI, Dario

(57) Abstract :
System to convert the energy of the waves into electricity placed where the water is relatively shallow characterised in that at the same time it protects the beach from the storm surges and in that it is substantially composed of a Swinging Floodgate, at calm sea slant toward the open sea with the top near the sea surface and with the base raised from the seabed, operatively constrained by means of a Transmission Shaft to the devices, contained within a watertight shell, to convert the alternating rotary motion of the Transmission Shaft due to the waves into electrical energy that is conducted to earth via cable being said Shell operatively constrained to an Anchorage with a Hinge with vertical axis that allows the Swinging Floodgate to be perpendicular to the direction of wave propagation.

No. of Pages : 19 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202147020225 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A MEASUREMENT SYSTEM CONFIGURED TO SUPPORT INSTALLATION OF A BALL AND SOCKET JOINT AND METHOD THEREFOR

(51) International classification	:A61B0005103000, A61F0002460000, A61B0005110000, A61F0002380000, A61B0017170000
(31) Priority Document No	:62/742207
(32) Priority Date	:05/10/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/054538 :03/10/2019
(87) International Publication No	:WO 2020/072799
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ORTHOSENSOR INC.
Address of Applicant :1855 Griffin Road Suite A-310 Dania Beach, FL 33004 U.S.A.
(72)**Name of Inventor :**
1)TROUSDALE, Jonathan
2)DECERCE, Joseph

(57) Abstract :
A system is disclosed herein for providing a kinetic assessment and preparation of a prosthetic joint comprising one or more prosthetic components. The system comprises a prosthetic component including sensors and circuitry configured to measure load, position of load on a curved surface, joint stability, range of motion, and impingement, in one embodiment, the system is for a cup and bail joint of a musculoskeletal system. The system further includes a computer having a display configured to graphical display quantitative measurement data to support rapid assimilation of the information. The kinetic assessment measures joint alignment under loading that will be similar to that of a final joint installation. The kinetic assessment can use trial or permanent prosthetic components. Furthermore, adjustments can be made to the applied load magnitude, position of load, and joint alignment by various means to fine-tune an installation.

No. of Pages : 93 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202148019844 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : THERMOELECTRIC CONVERSION MATERIAL

(51) International classification	:H01L0035160000, C22C0023000000, C04B0035547000, H01L0035180000, H01L0035220000
(31) Priority Document No	:2015-210901
(32) Priority Date	:27/10/2015
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2016/000811 :17/02/2016
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:201647029477 :17/02/2016

(71)**Name of Applicant :**
1)Panasonic Intellectual Property Management Co., Ltd.
Address of Applicant :1-61, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-6207, Japan Japan
(72)**Name of Inventor :**
1)TAMAKI, Hiromasa
2)KANNO, Tsutomu
3)SATO, Hiroki
4)SAKAI, Akihiro
5)TAKAHASHI, Kohei

(57) Abstract :
The present invention provides a thermoelectric conversion material represented by the following chemical formula Mg3+mAaBbD2-eEe. The element A represents at least one selected from the group consisting of Ca, Sr, Ba and Yb. The element B represents at least one selected from the group consisting of Mn and Zn. The value of m is not less than 0.39 and not more than 0.42. The value of a is not less than 0 and not more than 0.12. The value of b is not less than 0 and not more than 0.48. The element D represents at least one selected from the group consisting of Sb and Bi. The element E represents at least one selected from the group consisting of Se and Te. The value of e is not less than 0.001 and not more than 0.06. The thermoelectric conversion material has a La2O3 crystalline structure. The thermoelectric conversion material is of n-type. The present invention provides a novel thermoelectric conversion material.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021
(21) Application No.202148019852 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN EXHAUST GAS PURIFYING CATALYST AND A METHOD FOR PURIFYING EXHAUST GAS USING THE CATALYST

(51) International classification	:B01D0053940000, B01J0037020000, B01J0023630000, F01N0003280000, B01J0035000000
(31) Priority Document No	:2017-254105
(32) Priority Date	:28/12/2017
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2018/045901 :13/12/2018
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:202047026707 :13/12/2018

(71)**Name of Applicant :**
1)UMICORE SHOKUBAI JAPAN CO., LTD.
Address of Applicant :1-25-19, Rinku-cho, Tokoname-shi, Aichi 479-0882, Japan Japan
(72)**Name of Inventor :**
1)ASHIKARI, Kenji
2)OGINO, Yuji
3)HANEDA, Yusuke

(57) Abstract :
PLEASE REFER ATTACHMENT

No. of Pages : 44 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202148019932 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : GLASS MANUFACTURING APPARATUS AND METHOD

(51) International classification	:C03B0035040000, B65G0047680000, C03B0009453000, C03C0017000000, B65D0025100000
(31) Priority Document No	:62/702,032
(32) Priority Date	:23/07/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/030402 :02/05/2019
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:202047020399 :14/05/2020

(71)**Name of Applicant :**
1)GERRESHEIMER GLASS INC.
Address of Applicant :537 Crystal Avenue, Vineland, NJ 08360, United States of America. U.S.A.
(72)**Name of Inventor :**
1)SCARDINO, Dean

(57) Abstract :
An apparatus and method for manufacturing glass containers handles the containers individually after a hot forming process and annealing to prevent glass-to-glass contact. By handling the containers individually and preventing glass-to-glass contact damage to the containers in the form of checks and scratches is avoided. To prevent contact of the containers and damage arising from the contact, the equipment including conveyors, pushers, starwheels, shuttles, and transfer heads that move the glass containers through the apparatus maintains the glass containers in uniform spaced relationship at each stage of container processing until the containers are packaged. Fig.5 & Fig. 6

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202148019957 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : GLASS MANUFACTURING APPARATUS AND METHOD

(51) International classification	:C03B0035040000, B65G0047680000, C03B0009453000, C03C0017000000, B65D0025100000
(31) Priority Document No	:62/702,032
(32) Priority Date	:23/07/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/030402 :02/05/2019
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:202047020399 :14/05/2020

(71)**Name of Applicant :**
1)GERRESHEIMER GLASS INC.
Address of Applicant :537 Crystal Avenue, Vineland, NJ 08360, United States of America U.S.A.
(72)**Name of Inventor :**
1)SCARDINO, Dean

(57) Abstract :
An apparatus and method for manufacturing glass containers handles the containers individually after a hot forming process and annealing to prevent glass-to-glass contact. By handling the containers individually and preventing glass-to-glass contact damage to the containers in the form of checks and scratches is avoided. To prevent contact of the containers and damage arising from the contact, the equipment including conveyors, pushers, starwheels, shuttles, and transfer heads that move the glass containers through the apparatus maintains the glass containers in uniform spaced relationship at each stage of container processing until the containers are packaged.

No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202148019963 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : GLASS MANUFACTURING APPARATUS AND METHOD

(51) International classification	:C03B0035040000, B65G0047680000, C03B0009453000, C03C0017000000, B65D0025100000
(31) Priority Document No	:62/702,032
(32) Priority Date	:23/07/2018
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2019/030402 :02/05/2019
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:202047020399 :14/05/2020

(71)**Name of Applicant :**
1)GERRESHEIMER GLASS INC.
Address of Applicant :537 Crystal Avenue, Vineland, NJ 08360, United States of America. U.S.A.
(72)**Name of Inventor :**
1)SCARDINO, Dean

(57) Abstract :
An apparatus and method for manufacturing glass containers handles the containers individually after a hot forming process and annealing to prevent glass-to-glass contact. By handling the containers individually and preventing glass-to-glass contact damage to the containers in the form of checks and scratches is avoided. To prevent contact of the containers and damage arising from the contact, the equipment including conveyors, pushers, starwheels, shuttles, and transfer heads that move the glass containers through the apparatus maintains the glass containers in uniform spaced relationship at each stage of container processing until the containers are packaged. Fig.5 & Fig.6

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2021

(21) Application No.202148020009 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NOVEL PEPTIDES AND COMBINATION OF PEPTIDES AND SCAFFOLDS THEREOF FORUSE IN IMMUNOTHERAPY AGAINST COLORECTAL CARCINOMA (CRC) AND OTHERCANCERS

(51) International classification	:A61K0039000000, C12N0005078300, C07K0014740000, C07K0016280000, A61K0035170000
(31) Priority Document No	:62/157,684
(32) Priority Date	:06/05/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2016/060007 :04/05/2016
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:201747039180 :03/11/2017

(71)**Name of Applicant :**
1)IMMATICS BIOTECHNOLOGIES GMBH
Address of Applicant :Paul-Ehrlich-Strae 15 72076 T¼bingen, GERMANY Germany
(72)**Name of Inventor :**
1)MAHR, Andrea
2)WEINSCHENK, Toni
3)WIEBE, Anita
4)SCHOOR, Oliver
5)FRITSCHE, Jens
6)SINGH, Harpreet

(57) Abstract :
The present invention relates to peptides proteins nucleic acids and cells for use in immunotherapeutic methods. In particular the present invention relates to the immunotherapy of cancer. The present invention furthermore relates to tumor associated T cell peptide epitopes alone or in combination with other tumor associated peptides that can for example serve as active pharmaceutical ingredients of vaccine compositions that stimulate anti tumor immune responses or to stimulate T cells ex vivo and transfer into patients. Peptides bound to molecules of the major histocompatibility complex (MHC) or peptides as such can also be targets of antibodies soluble T cell receptors and other binding molecules.

No. of Pages : 225 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202148020122 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND SYSTEM FOR GENERATING AND STORING DATA STREAMS FOR ANALYZING INSTRUMENTED SOFTWARE

(51) International classification	:G06F0016160000, G06F0011340000, G06F0009460000, G06F0011300000, G06F0011070000
(31) Priority Document No	:62/094,935
(32) Priority Date	:19/12/2014
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2015/066132 :16/12/2015
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:201747019779 :06/06/2017

(71)**Name of Applicant :**
1)SPLUNK INC.
Address of Applicant :270 BRANNAN STREET SAN FRANCISCO, CALIFORNIA 94107 U.S.A.
(72)**Name of Inventor :**
1)RAMAN, Rajesh
2)MUKHERJI, Arijit
3)GRANDY, Kris
4)LIU, Phillip

(57) Abstract :
An instrumentation analysis system processes data streams by executing instructions specified using a data stream language program. The data stream language allows users to specify a search condition using a find block for identifying the set of data streams processed by the data stream language program. The set of identified data streams may change dynamically. The data stream language allows users to group data streams into sets of data streams based on distinct values of one or more metadata attributes associated with the input data streams. The data stream language allows users to specify a threshold block for determining whether data values of input data streams are outside boundaries specified using low/high thresholds. The elements of the set of data streams input to the threshold block can dynamically change. The low/high threshold values can be specified as data streams and can dynamically change. Fig 1

No. of Pages : 86 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021
(21) Application No.202148020157 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST NHL AND OTHER CANCERS

(51) International classification	:A61K0039000000, C07K0014740000, C07K0016280000, C12N0005078300, C12N0015115000
(31) Priority Document No	:1602918.3
(32) Priority Date	:19/02/2016
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2017/053704 :17/02/2017
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:201847025000 :04/07/2018

(71)**Name of Applicant :**
1)IMMATICS BIOTECHNOLOGIES GMBH
Address of Applicant :Paul-Ehrlich-Strae 15 72076 T¼bingen, GERMANY Germany
(72)**Name of Inventor :**
1)MAHR, Andrea
2)WEINSCHENK, Toni
3)WIEBE, Anita
4)SCHOOR, Oliver
5)FRITSCHE, Jens
6)SINGH, Harpreet

(57) Abstract :
The present invention relates to peptides, proteins, nucleic acids and cells for use in immunotherapeutic methods. In particular, the present invention relates to the immunotherapy of cancer. The present invention furthermore relates to tumor-associated T-cell peptide epitopes, alone or in combination with other tumor-associated peptides that can for example serve as active pharmaceutical ingredients of vaccine compositions that stimulate anti-tumor immune responses, or to stimulate T cells ex vivo and transfer into patients. Peptides bound to molecules of the major histocompatibility complex (MHC), or peptides as such, can also be targets of antibodies, soluble T-cell receptors, and other binding molecules.

No. of Pages : 235 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202148020158 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST NHL AND OTHER CANCERS

(51) International classification	:A61K0039000000, C07K0014740000, C07K0016280000, C12N0005078300, C12N0015115000
(31) Priority Document No	:1602918.3
(32) Priority Date	:19/02/2016
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2017/053704 :17/02/2017
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:201847025000 :04/07/2018

(71)**Name of Applicant :**
1)IMMATICS BIOTECHNOLOGIES GMBH
Address of Applicant :Paul-Ehrlich-Strae 15 72076 T¼bingen, GERMANY Germany
(72)**Name of Inventor :**
1)MAHR, Andrea
2)WEINSCHENK, Toni
3)WIEBE, Anita
4)SCHOOR, Oliver
5)FRITSCHE, Jens
6)SINGH, Harpreet

(57) Abstract :
The present invention relates to peptides, proteins, nucleic acids and cells for use in immunotherapeutic methods. In particular, the present invention relates to the immunotherapy of cancer. The present invention furthermore relates to tumor-associated T-cell peptide epitopes, alone or in combination with other tumor-associated peptides that can for example serve as active pharmaceutical ingredients of vaccine compositions that stimulate anti-tumor immune responses, or to stimulate T cells ex vivo and transfer into patients. Peptides bound to molecules of the major histocompatibility complex (MHC), or peptides as such, can also be targets of antibodies, soluble T-cell receptors, and other binding molecules.

No. of Pages : 235 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202148020159 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST NHL AND OTHER CANCERS

(51) International classification	:A61K0039000000, C07K0014740000, C07K0016280000, C12N0005078300, C12N0015115000
(31) Priority Document No	:1602918.3
(32) Priority Date	:19/02/2016
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2017/053704 :17/02/2017
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:201847025000 :04/07/2018

(71)**Name of Applicant :**
1)IMMATICS BIOTECHNOLOGIES GMBH
Address of Applicant :Paul-Ehrlich-Strae 15 72076 T¼bingen, GERMANY Germany
(72)**Name of Inventor :**
1)MAHR, Andrea
2)WEINSCHENK, Toni
3)WIEBE, Anita
4)SCHOOR, Oliver
5)FRITSCHE, Jens
6)SINGH, Harpreet

(57) Abstract :
The present invention relates to peptides, proteins, nucleic acids and cells for use in immunotherapeutic methods. In particular, the present invention relates to the immunotherapy of cancer. The present invention furthermore relates to tumor-associated T-cell peptide epitopes, alone or in combination with other tumor-associated peptides that can for example serve as active pharmaceutical ingredients of vaccine compositions that stimulate anti-tumor immune responses, or to stimulate T cells ex vivo and transfer into patients. Peptides bound to molecules of the major histocompatibility complex (MHC), or peptides as such, can also be targets of antibodies, soluble T-cell receptors, and other binding molecules.

No. of Pages : 235 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202148020160 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST NHL AND OTHER CANCERS

(51) International classification	:A61K0039000000, C07K0014740000, C07K0016280000, C12N0005078300, C12N0015115000
(31) Priority Document No	:1602918.3
(32) Priority Date	:19/02/2016
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2017/053704 :17/02/2017
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:201847025000 :04/07/2018

(71)**Name of Applicant :**
1)IMMATICS BIOTECHNOLOGIES GMBH
Address of Applicant :Paul-Ehrlich-Strae 15 72076 T¼bingen, GERMANY Germany
(72)**Name of Inventor :**
1)MAHR, Andrea
2)WEINSCHENK, Toni
3)WIEBE, Anita
4)SCHOOR, Oliver
5)FRITSCHE, Jens
6)SINGH, Harpreet

(57) Abstract :
The present invention relates to peptides, proteins, nucleic acids and cells for use in immunotherapeutic methods. In particular, the present invention relates to the immunotherapy of cancer. The present invention furthermore relates to tumor-associated T-cell peptide epitopes, alone or in combination with other tumor-associated peptides that can for example serve as active pharmaceutical ingredients of vaccine compositions that stimulate anti-tumor immune responses, or to stimulate T cells ex vivo and transfer into patients. Peptides bound to molecules of the major histocompatibility complex (MHC), or peptides as such, can also be targets of antibodies, soluble T-cell receptors, and other binding molecules.

No. of Pages : 235 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202148020161 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST NHL AND OTHER CANCERS

(51) International classification	:A61K0039000000, C07K0014740000, C07K0016280000, C12N0005078300, C12N0015115000
(31) Priority Document No	:1602918.3
(32) Priority Date	:19/02/2016
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2017/053704 :17/02/2017
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:201847025000 :04/07/2018

(71)**Name of Applicant :**
1)IMMATICS BIOTECHNOLOGIES GMBH
Address of Applicant :Paul-Ehrlich-Strae 15 72076 T¼bingen, GERMANY Germany
(72)**Name of Inventor :**
1)MAHR, Andrea
2)WEINSCHENK, Toni
3)WIEBE, Anita
4)SCHOOR, Oliver
5)FRITSCHE, Jens
6)SINGH, Harpreet

(57) Abstract :
The present invention relates to peptides, proteins, nucleic acids and cells for use in immunotherapeutic methods. In particular, the present invention relates to the immunotherapy of cancer. The present invention furthermore relates to tumor-associated T-cell peptide epitopes, alone or in combination with other tumor-associated peptides that can for example serve as active pharmaceutical ingredients of vaccine compositions that stimulate anti-tumor immune responses, or to stimulate T cells ex vivo and transfer into patients. Peptides bound to molecules of the major histocompatibility complex (MHC), or peptides as such, can also be targets of antibodies, soluble T-cell receptors, and other binding molecules.

No. of Pages : 235 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2021

(21) Application No.202148020162 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST NHL AND OTHER CANCERS

(51) International classification	:A61K0039000000, C07K0014740000, C07K0016280000, C12N0005078300, C12N0015115000
(31) Priority Document No	:1602918.3
(32) Priority Date	:19/02/2016
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2017/053704 :17/02/2017
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:201847025000 :04/07/2018

(71)**Name of Applicant :**
1)IMMATICS BIOTECHNOLOGIES GMBH
Address of Applicant :Paul-Ehrlich-Strae 15 72076 T¼bingen, GERMANY Germany
(72)**Name of Inventor :**
1)MAHR, Andrea
2)WEINSCHENK, Toni
3)WIEBE, Anita
4)SCHOOR, Oliver
5)FRITSCHE, Jens
6)SINGH, Harpreet

(57) Abstract :
The present invention relates to peptides, proteins, nucleic acids and cells for use in immunotherapeutic methods. In particular, the present invention relates to the immunotherapy of cancer. The present invention furthermore relates to tumor-associated T-cell peptide epitopes, alone or in combination with other tumor-associated peptides that can for example serve as active pharmaceutical ingredients of vaccine compositions that stimulate anti-tumor immune responses, or to stimulate T cells ex vivo and transfer into patients. Peptides bound to molecules of the major histocompatibility complex (MHC), or peptides as such, can also be targets of antibodies, soluble T-cell receptors, and other binding molecules.

No. of Pages : 235 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019
(21) Application No.201931043851 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : METHOD AND APPARATUS FOR QUANTIZATION OF NEURAL NETWORKS POST TRAINING

(51) International classification	:G06N0003080000, G06N0003040000, G06K0009620000, G06K0009660000, G06F0017500000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
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(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO., LTD.
Address of Applicant :Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129, China.
(72)**Name of Inventor :**
1)SRIVASTAVA, Amit
2)PINJARI, Pariksheet

(57) Abstract :
A method and an apparatus (100) for dynamic point quantization of neural networks for greater accuracy and with lower storage requirements. Conventional neural network models requires huge disk space which increases the computation cost associated with these models thereby demanding substantial amount of performance and power from user devices. The present invention focuses on quantization of deep learning models to reduce storage requirements without compromising on accuracy while also achieving better performance when compared to conventional models. The neural network is quantized by determining (S901) if an input is positive or negative number; determining (S902) exponential range of the input; determining (S903) maximum range of layer parameters of the input; determining (S904) offset of a layer of the input; performing (S905) exponent adjustment by converting the input into its corresponding binary form and determining (S906) exponent representation of the input by adding the offset to the exponent adjustment.

No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019

(21) Application No.201931043974 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SIDE CHANNEL ATTACK PROTECTION FOR ARITHMETIC AND LOGIC UNIT USING PIPELINE RANDOMIZATION AND GENETIC ALGORITHM.

(51) International classification	:H04L0009000000, H04L0009060000, F04D0023000000, G06F0021750000, H04L0029060000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Institute of Engineering and Management
Address of Applicant :Gurukul, Y-12, Block -EP, Sector-V, Salt Lake Electronics Complex Kolkata- 700 091, West Bengal, India.
(72)**Name of Inventor :**
1)Indranil Roy
2)Shekhar Sonthalia
3)Trideep Mandal
4)Mohuya Chakraborty

(57) Abstract :
It has even been shown that Side Channel Attack techniques can be used to obtain the secret key from the popular AES encryption standard. Given such vulnerabilities, several techniques exist to minimize the threat of potential sidechannel attacks.Randomized pipeline is a simple and efficient approach to counter side-channel attacks, but previous methods do not have the ideal protective effect. In this article, based on randomized pipeline, an effective processor architecture resistant to side-channel attacks was proposed. It used a combination of randomized scheduling, randomized instruction insertion and randomized pipeline-delay to resist side-channel attacks.

No. of Pages : 4 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201931043975 A
(19) INDIA
(22) Date of filing of Application :30/10/2019
(43) Publication Date : 07/05/2021

(54) Title of the invention : A TRI FOLDED INTELLIGENT SYSTEM TO PRE-MONITOR AND PREDICT TSUNAMI, FLOOD AND EARTHQUAKE BASED DISASTERS AND GUIDE SAFER DIRECTIONS PRIOR TO OCCURRENCE

(51) International classification	:G08B0021100000, G08B0031000000, C02F0001000000, G08B0027000000, G06N0020000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)University of Engineering and Management
Address of Applicant :University Area, Plot, Street Number 03, Action Area III, B/5, Newtown, Kolkata, West Bengal 700156 .
(72)**Name of Inventor :**
1)Saptarshi Sabui
2)Soumyadip Chowdhury
3)Anirban Das

(57) Abstract :
A disaster is a serious and devastating problem that occurs in a short time, which interrupts the functioning and creates a huge loss of a community or asociety involving widespread human, material and environment. To predict occurrence of a disaster by using various technologies such as Internet of Things (IoT), data analytics, machine learning. By early warnings, remote monitoring, real time data analytics and notificationswe can predict occurrence of a disaster. The data are stored on acloud-based server. The system is createdusing raspberry pi where the analog data's are collected from the sensors and they are transmitted through the WIFI module. A web page displays the recorded data for monitoring and analyzing. When sensors exceed the threshold, an alert message will be sent.

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019

(21) Application No.201931043976 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A DECENTRALIZED SYSTEM TO RESCUE VICTIMS FROM NATURAL AND MANMADE POST DISASTERS THROUGH DTN, OFFLINE ROUTE BUILDER AND TRACKER

(51) International classification	:H04W0084180000, H04W0036000000, G06Q0010060000, G06Q0010100000, G06K0009000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)University of Engineering and Management
Address of Applicant :University Area, Plot, Street Number 03, Action Area III, B/5, Newtown, Kolkata, West Bengal 700156.
(72)**Name of Inventor :**
1)Soumyadip Chowdhury
2)Saptarshi Sabui
3)Anirban Das

(57) Abstract :
This project is basically based on Post-Disaster Management which has a support of GPS system using that the user can send the exact coordinates to the disaster team and if no online server is available and then we also can communicate with the people using our system(Ad-Hoc network, DTN).Moreover also can communicate with the effected victims and make a offline route(Offline Route Builder) direction to move towards the safer zone.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019

(21) Application No.201931043977 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : VRTRA JABBERWOKY, AN INTELLIGENT HEXA-COPTER TO IDENTIFY INDIVIDUALS THROUGH DNA AND TISSUE CLASSIFICATION

(51) International classification	:G06K0009000000, G06N0003120000, G07C0009000000, G01N0033569000, G08B0001080000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)University of Engineering and Management
Address of Applicant :University Area, Plot, Street Number 03, Action Area III, B/5, Newtown, Kolkata, West Bengal 700156.
(72)**Name of Inventor :**
1)Nivedita Chatterjee
2)Shomiparna Kolley
3)Anirban Das

(57) Abstract :
The device is designed specifically to detect DNA of an individual and to check a person's biometric details by comparing the DNA with the already provided DNA sequence (or genetic algorithm) of that person, it will also detect the person's facial features (facial recognition). This device will not only identify known individuals but also report to the user, the presence of unknown individuals. This device will also find any type of disturbance or stress in a person and will accurately keep a track of all the happenings in its surroundings.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2019

(21) Application No.201931043978 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN MIOT BASED TECHNIQUE TO DETECT THE PROBABILITY OF BRAIN CANCER THROUGH EXTRACTION, ISOLATION AND PCR

(51) International classification	:B01L0007000000, B01L0003000000, C12Q0001686000, G06N0005020000, C12Q0001680600
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)University of Engineering and Management
Address of Applicant :University Area, Plot, Street Number 03, Action Area III, B/5, Newtown, Kolkata, West Bengal 700156.
(72)**Name of Inventor :**
1)Bratin Sarkar
2)Sourav Chandra
3)Anirban Das

(57) Abstract :
Brain cancer is one of the most life threatening disease which is becoming common in the society. We here built a device to detect the percentage of brain cancer a person can have and to make that person aware of the disease at an early stage. This invention is not a remedy to brain cancer. It is just a tool to detect cancer. We are taking hair as input samples and then extracting DNA (deoxyribonucleic acid) from it. After that we are amplifying the DNA by carrying out PCR (Polymerase Chain Reaction). After these steps DNA sequence is generated and then this sequence is passed through a specific programming code which generates the percentage of the disease. Hair samples collected acts as a non-invasive technique to patients. We are building the thermal cycler where PCR is done. This lowers the cost incurred during the project.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201931044055 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SMART SPEED INDICATOR FOR MANUALLY ROTATED SPINNING WHEEL.

(51) International classification	:G11B0019280000, G01P0003486000, G06F0003010000, A63F0005040000, D01H0013320000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
Address of Applicant :Sponsored Research & Industrial Consultancy, Indian Institute of Technology, Kharagpur Kharagpur ,West Bengal India 721302
(72)**Name of Inventor :**
1)CHATTERJEE, Soumyanath
2)BHADORIA, Dr. Pratap Bhanu Singh

(57) Abstract :
The present invention discloses a speed indicating cum guiding system for manually rotated spinning wheel comprising a rotational sensor cooperative to the spinning wheel for generating a voltage signal corresponding to rotational of the spinning wheel, a microcontroller connected to the rotational sensor to receive the voltage signal and therefrom determine rotational speed of the spinning wheel. The microcontroller includes a comparator module to compare real time rotational speed of the spinning wheel with respect to a reference speed and its acceptable speed variations specific to weather and input spinning thread material combination and indicate status condition of the real time rotation speed to facilitate spinner to rotate the spinning wheel at the reference speed or within the acceptable speed variations to avoid breaking of the spinning thread or spinning of the coarse threads.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019
(21) Application No.201931044056 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SYNTHESIS OF FMOC-PROTECTED MORPHOLINO MONOMERS AND THEIR USE IN THE SYNTHESIS OF MORPHOLINO OLIGOMER.

(51) International classification	:C07H0021000000, C07K0001040000, C07K0001060000, C12N0015113000, C09J0133080000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
Address of Applicant :2A & 2B, Raja S. C. Mullick Road, Jadavpur, Kolkata West Bengal India 700032
(72)**Name of Inventor :**
1)Dr. SINHA, Surajit
2)KUNDU, Jayanta
3)GHOSH, Ujjwal

(57) Abstract :
Present invention relates to stable Fmoc protected Morpholino monomers and corresponding oligonucleotides (PMO) and efficient synthesis of the same involving chlorophosphoramidate and H-Phosphonate chemistry. Successful syntheses of the oligonucleotide with higher yield and lesser time have been accomplished employing solid phase synthesis and easy deprotection of Fmoc group with Piperidine.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019

(21) Application No.201931044097 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : UNIVERSAL ELECTRICAL SOCKET WITH SHUTTER MECHANISM

(51) International classification	:H01R0013453000, H01R0024780000, H01R0027000000, H01R0024220000, G03B0009700000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SCHNEIDER ELECTRIC INDUSTRIES SAS
Address of Applicant :35, rue Joseph Monier, F-92500 Rueil Malmaison, France.
(72)**Name of Inventor :**
1)Kiran Chandrashekhar SARAWAD
2)Naveen Kumar MUNISIDDAPPA

(57) Abstract :
The present invention provides a universal electrical socket (100) with shutter mechanism for preventing single pin insertion, said universal electrical socket (100) comprising: plurality of pin receiving members (118); cover plate (122) provided with spaced slots (124) aligned with said pin receiving members (118) and a shutter assembly (102) disposed on said casing (120). The shutter assembly (102) is comprised of a shutter member (104) comprising a pair of slanting arms (106) extending from a central portion (140) having flat ends (110) and said central portion (140) is provided with a fulcrum (108) for pivoting; a shutter holding member (112) to pivot said shutter member (104); and a pair of biasing means (134) disposed between said shutter member (104) and said shutter holding member such that at insertion through a single slot of said spaced slots (124) of the cover plate (122), said shutter member (104) rotates about the axis of said fulcrum (108) such that said substantially flat end (110) of either arms (106) of said shutter member (104) removably engages with at least one of detent member provided in said shutter holding member (112) and/or cover plate (122). Reference.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019
(21) Application No.201931044144 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A BLIND MODULATION CLASSIFICATION METHOD FOR DETERMINING MODULATION FORMAT OF A RECEIVED SIGNAL

(51) International classification	:H04L0027000000, H04L0027260000, H04L0027380000, H04L0001200000, H04L0027200000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY PATNA
Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY PATNA, BIHTA, PATNA-801106, BIHAR, INDIA.
(72)**Name of Inventor :**
1)RAHUL GUPTA
2)SUDHAN MAJHI

(57) Abstract :
The present subject matter relates to a blind modulation classification method to classify modulation format of received signal. The method includes introducing (201) uniformly distributed offsets θu in each of OFDM signals received on receiver to obtain modified OFDM signals, using (202) normalized fourth-order cumulant on Discrete Fourier Transform (DFT) of modified OFDM signals to obtain normalized fourth-order cumulant values, classifying (203) modulation format of the received OFDM signals into QPSK, MSK and 16-QAM, simultaneously, by taking average of all the normalized fourth-order cumulant values to get distinct features of the QPSK, MSK and 16-QAM, using (204) normalized fourth-order cumulant on Discrete Fourier Transform (DFT) of the square of the modified OFDM signals to obtain normalized fourth-order cumulant values, and classifying (205) modulation format of the received OFDM signals into BPSK and QPSK, simultaneously, by taking average of all the normalized fourth-order cumulant values to get distinct features of the BPSK and QPSK.

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2019
(21) Application No.201931044171 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ULTRASONIC VIBRATION ASSISTED ABRASIVE MICRO-DEBURRING EMPLOYING A SONOTRODE

(51) International classification	:B08B0003120000, A61C0017200000, B23F0019100000, B29C0037020000, B24C0001080000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR
Address of Applicant :Indian Institute of Technology Kharagpur, Kharagpur, 721302, Dist - Midnapore, State of West Bengal, India.
(72)**Name of Inventor :**
1)KUMAR, Ammiraju Sravan
2)DEB, Sankha
3)PAUL, Soumitra

(57) Abstract :
An ultrasonic cavitation-assisted abrasive micro-deburring method a system thereof, configured to remove burrs by immersing a workpiece (9) having burrs in a deburring fluid (7) and radiating ultrasonic vibrations to the deburring fluid (7). The ultrasonic deburring system comprises an acoustically insulated enclosure (10) for enclosing a deburring fluid storage tank (1), said tank (1) being adapted to contain the workpiece (9) completely immersed in the deburring fluid (7) and ultrasonic wave generating and controlling means (5) configured to send electric signals to generate and control the ultrasonic vibrations in ultrasonic wave radiating means (3,4), said wave radiating means (3,4) being configured to amplify the generated ultrasonic vibrations and operably direct the generated ultrasonic vibrations towards the workpiece (9), wherein the deburring fluid (7) comprises abrasive particles uniformly dispersed in it to facilitate transmission of the ultrasonic energy of the generated ultrasonic vibrations, and the generated ultrasonic vibrations accelerate abrasive particles in the deburring fluid (7) to facilitate removal of micro-burrs of the workpiece (9).

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2019

(21) Application No.201931044440 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : Natural Clustering with Improved Efficient Optimization for Fuzzy Categorization with Fuzzy Confusion Matrix

(51) International classification	:G06K0009620000, G06F0016350000, G06N0007020000, G06F0016340000, G06K0009420000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT// / :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DR. GOUTAM SARKER
Address of Applicant :Dr. Goutam Sarker, 20/8 Sarada Pally, Flat No. FF 04/D, Ma Sarada Apartment, 54 Feet Road, Benachity, Durgapur - 713213, INDIA.
(72)**Name of Inventor :**
1)DR. GOUTAM SARKER

(57) Abstract :
There are different Clustering Algorithms. Out of these, one particular type is Optimal Clustering Algorithm (OCA). Here the input parameter to the algorithm is maximum allowable distance (usually called threshold) between any data point from the cluster mean for each cluster. Unlike k- means clustering, where the desired numbers of cluster are to be given as input parameter, in case of OCA, this threshold indirectly governs the number of clusters to be produced by the clustering system. If this threshold is larger, a smaller numbers of cluster would be formed. On the contrary, if this is smaller, a larger number of clusters would be formed. Two extremes for the number of clusters to be formed are 'one' and the 'size of the input data set' In this way the input threshold value optimizes the clustering because the clustering produces a global solution. In this type of clustering, although this threshold indirectly governs the number of clusters formed, it cannot guarantee the formation of natural clusters i.e. the natural number, shape, size, positions of clusters. In the present invention, firstly we have developed an Improved Optimal Clustering Algorithm which produces Natural Optimal Clustering and is called Natural Optimal Clustering Algorithm (NOCA), which does not require the value of threshold as input parameter for clustering. On the contrary, the clustering system automatically computes the right threshold(s) on its own, to produce the set of different natural clusters along with their number for the given input data set. Although this proper threshold governs the formation different natural clustering, but for any threshold indicating natural clustering, this NOCA cannot guarantee the maximization of inter cluster distance and minimization of intra cluster distance simultaneously - which are the two essentially prime features of any ideal clustering system. Thus, secondly, we have innovated and developed Modified Natural Optimal Clustering Algorithm (MNOCA) - which for any general pattern classification recognition problem performs improved categorization by combining together intra and inter cluster distance. This is a further improvement of Natural Optimal Clustering Algorithm (NOCA). Again, in a fuzzy clustering, each data item may belong to more than one group or cluster associated with membership grades or probabilities, which indicate the degree with which the data points belong to those clusters. In the present work we have invented a new concept of Fuzzy Confusion Matrix (FCM) which is compatible with fuzzy clustering. This is used to more accurately determine different performance evaluation metrics (accuracy, precision, recall, f-score) of the system. In a nutshell, this improves the accuracy of performance evaluation of categorization. Thus the newly introduced idea of Fuzzy Confusion Matrix (FCM) is able to compute more accurate performance evaluations (accuracy, precision, recall and f-score) of the text categorization system, different biometric based person categorization (identification) systems and such similar applications. Also the application of Fuzzy Confusion Matrix is very general and is able to perform better performance evaluation in any broad pattern recognition system. The present system during any general pattern recognition problem uses Modified Natural Optimal Clustering Algorithm (MNOCA) coupled with Fuzzy Categorization with Fuzzy Confusion Matrix (FCM). While the MNOCA performs some better optimization in clustering while producing a global solution, Fuzzy confusion matrix is more realistic in Fuzzy Categorization. This combination dramatically improves the performance of any general Pattern Recognition system by improving the accuracy and efficiency of the system.

No. of Pages : 21 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201931044618 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : A NOVEL COMPOSITION OF MULTIFUNCTIONAL (ANTIMICROBIAL, DIGESTIVE, NATURAL FOOD LIFE ENHANCER) LOW COST HERBAL FOOD ADDITIVE

(51) International classification	:A23L0029212000, A23L0019000000, A23B0004200000, A23G0003480000, A01N0037020000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)UNIVERSITY OF ENGINEERING AND MANAGEMENT
Address of Applicant : UNIVERSITY AREA,PLOT,STREET NUMBER 03,ACTION AREA III,B/5,NEWTOWN,KOLKATA,WEST BENGAL 700156.
(72)**Name of Inventor :**
1)DR. PRATIK TALUKDER
2)DR.BISWADEEP CHAUDHURI
3)SUSMITA MUKHERJEE

(57) Abstract :
Conventional food additives in any form are mostly depends on the combination of various synthetic chemicals that are often considered as toxic to some extent. Many times it results in fatality if used excessively mainly in rural areas for the preservation of certain food products. Here in this work we have developed a novel composition of Indian herbs having multifunctional health benefits with no side effects even if used at an excessive dose. These ingredients are already in use but, when they are in use at a particular combination, their effectively increases significantly, so as its medical values. In addition to that, this novel product can even boost our immunity, improve the digestion system, reduce pathogenic intestinal bacteria while supporting beneficial bacteria to grow and extend the shelf life of the preserved food products. The product provides essential micronutrients too. At the same time, this multifunctional product can be made available easily and cheaper to produce for the mass, especially for the rural areas in India. Being powdery in form, it can easily be mixed with various raw food materials like wheat, flower etc. Till now there is no such unique herbal composition that has such multipurpose usage. The developed product has shown strong antimicrobial effect against various pathogenic strain supporting its strong antimicrobial properties that could be effective against such pathogenic strains when applied as food additives. Harmful conventional chemical preservatives can be avoided in this product without any side effects. On the other hand, results obtained from antioxidant assay tests with our novel composition, indicates excellent antioxidant property. This product is also suitable for diabetic patients as natural sugar content here is very low and no extra sweeteners have been added.

No. of Pages : 5 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2019

(21) Application No.201931044665 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : AN AUTOMATED PROGRAMMABLE ROBOTIC SOLAR PANEL CLEANING SYSTEM WITH A MOBILE SOLAR PANEL CLEANING ROBOT AND METHOD

(51) International classification	:H02S0040100000, F24S0040200000, B08B0001000000, B08B0003020000, H02S0050000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)BHARAT HEAVY ELECTRICALS LIMITED
Address of Applicant :with one of its Regional offices at REGIONAL OPERATIONS DIVISION (ROD), PLOT NO : 9/1, DJ Block 3rd Floor, Karunamoyee, Salt Lake Registered Office at BHEL HOUSE, SIRI FORT, NEW DELHI- 110049, INDIA.
(72)**Name of Inventor :**
1)Avinash Patil
2)Deepak Sachan
3)Ravinder Kumar
4)Goka Madhavulu

(57) Abstract :
The maximum power generated by the solar panels during daytime depends on many factors but the main factor i.e. the accumulation of dust particles and debris on the surface of photovoltaic (PV) panels reduces the power output especially in arid, dusty environments. As a result of continuous soiling, a layer of dirt piles up on top of the glass of the solar panel reducing its transmittance and therefore decreasing the power output of the entire system. The common solution is to clean the modules with water, but in large-scale photovoltaic plants this task is often expensive, especially in those areas with water shortage. Hence, the present invention proposes an automated, programmable and mobile robotic system for cleaning the photovoltaic solar panel array. The present invention relates to invention of an automated and programmable robotic solar panel cleaning system wherein a mobile robot that can that travel horizontally (X-direction) on the edges of solar panels, a cleaning device that can travel vertically (Y-direction), cleaning the accumulated dust on the top surface of solar panel, without use of any fluid such as water or without use of any chemical. Further, the mobile robot parks itself at a parking station after the cleaning of entire solar panel array consisting of plurality of solar panels.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2019

(21) Application No.201934052706 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : ARTIFICIAL INTELLIGENCE DEVICE

(51) International classification	:G06Q0030060000, G10L0015220000, G06F0017270000, G10L0015260000, G06F0016245500
(31) Priority Document No	:10-2019- 0136432
(32) Priority Date	:30/10/2019
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LG ELECTRONICS INC.
Address of Applicant :128, YEOUI-DAERO YEONGDEUNGPO-GU SEOUL 07336 REPUBLIC OF KOREA.
(72)**Name of Inventor :**
1)Sangseok Lee

(57) Abstract :
An artificial intelligence device according to an embodiment of the present disclosure may receive voice data corresponding to viewing information and a search command from a display device, convert the received voice data into text data, obtain a first query indicating intention of the converted text data, convert the first query into a second query based on the viewing information, obtain a search result corresponding to the converted second, and transmit the obtained search result to the display device.

No. of Pages : 93 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2020

(21) Application No.202034003119 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : IMAGING OPTICAL SYSTEM, IMAGE CAPTURING UNIT AND ELECTRONIC DEVICE

(51) International classification	:G02B0009620000, G02B0013000000, G02B0013180000, G02B0027000000, G02B0009340000
(31) Priority Document No	:108139653
(32) Priority Date	:01/11/2019
(33) Name of priority country/region	:Taiwan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LARGAN Precision Co., Ltd.
Address of Applicant :No.11 Jingke Rd. Nantun Dist., Taichung City, Taiwan
(72)**Name of Inventor :**
1)LIN, Yu Jui
2)LIAO, Cheng-Yuan
3)WANG, JIN SEN
4)KUO, Tzu-Chieh

(57) Abstract :
An imaging optical system includes six lens elements which are, in order from an object side to an image side: a first lens element, a second lens element, a third lens element, a fourth lens element, a fifth lens element and a sixth lens element. Each of the six lens elements has an object-side surface facing toward the object side and an image-side surface facing toward the image side. At least one of the six lens elements is a freeform lens element, and at least one of the object-side surface and the image-side surface of the at least one freeform lens element is a freeform surface.

No. of Pages : 156 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2020

(21) Application No.202034045754 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : DEVICE FOR CAPACITIVELY MEASURING THE POWDER FILL LEVEL IN A FILLING APPARATUS OF A ROTARY PRESS

(51) International classification	:B30B0011080000, G01F0023260000, H01J0037320000, B30B0015300000, B60K0015040000
(31) Priority Document No	:10 2019 129 793.1
(32) Priority Date	:05/11/2019
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Fette Compacting GmbH
Address of Applicant :GRABAUER STRAßE 24 21493 SCHWARZENBEK GERMANY.
(72)**Name of Inventor :**
1)Evers, Alexander
2)WALTER, Nicolas
3)KOLBE, Sven

(57) Abstract :
The invention relates to a device for capacitively measuring the powder fill level in a filling apparatus for filling cavities in a die plate of a rotary press with a powder material to be pressed in the rotary press, comprising a filling pipe of the filling apparatus, wherein a first measuring electrode is arranged on the filling pipe and forms a first electrical capacitor with a reference electrode such that an electrical field can be formed between the first measuring electrode and the reference electrode, and in that the first measuring electrode is covered on the side thereof facing away from the filling pipe by an electrically conductive protective shielding, wherein the protective shielding is at ground potential. The invention also relates to a rotary press.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2020

(21) Application No.202034046048 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : HIGH RELIABILITY MESA PHOTODIODE

(51) International classification	:H01L0031101000, H01S0005227000, H01L0031105000, G02F0001015000, A61M0025040000
(31) Priority Document No	:1916162.9
(32) Priority Date	:06/11/2019
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INTEGRATED COMPOUND SEMICONDUCTORS LTD
Address of Applicant :UNIT C3, BROADOAK BUSINESS PARK, ASHBURTON ROAD WEST TRAFFORD PARK MANCHESTER M17 1RW UNITED KINGDOM U.K.
(72)**Name of Inventor :**
1)MOHAMED Missous

(57) Abstract :
A photodiode comprising at least a p-type region (6), an intrinsic region (4), an undoped barrier region (5) and an n-type region (3); wherein the barrier (5) is arranged between the intrinsic region (4) and the p-type region (6); and wherein the p-type region (6) is formed as a p-type mesa (11), and the p-type mesa (11) extends laterally less than the barrier region (5) to the extent that carriers are isolated from the lateral edge (12) of the barrier region (5).

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2020

(21) Application No.202034047269 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : INTEGRATED CIRCUIT SEMICONDUCTOR DEVICE

(51) International classification	:H01L0027108000, H01L0049020000, H01L0027220000, H01L0021560000, H01L0023498000
(31) Priority Document No	:10-2019-0138200
(32) Priority Date	:31/10/2019
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do 16677, Republic of Korea.
(72)**Name of Inventor :**
1)Seungjin Kim
2)Sungsoo Yim
3)Suklae Kim
4)Hyukwoo Kwon
5)Byunghyun Lee
6)Yoonyoung Choi

(57) Abstract :
An integrated circuit semiconductor device includes a plurality of cylindrical structures separated from each other on a substrate; and a plurality of supporters having an opening region exposing side surfaces of the plurality of cylindrical structures, the plurality of supporters being in contact with the side surfaces of the plurality of cylindrical structures and supporting the plurality of cylindrical structures, wherein each of the plurality of supporters has both side surfaces having slopes and has a top width that is less than a bottom width.

No. of Pages : 55 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2020

(21) Application No.202034047783 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : EXHAUST SYSTEM FOR AN INTERNAL COMBUSTION ENGINE AND PROCESS FORMANUFACTURING AN EXHAUST SYSTEM

(51) International classification	:F01N0003200000, F01N0003280000, B01F0005060000, F01N0013140000, F01N0013180000
(31) Priority Document No	:10 2019 129 795.8
(32) Priority Date	:05/11/2019
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Eberspächer Exhaust Technology GmbH
Address of Applicant :Homburger Straße 95, 66539 Neunkirchen, Germany
(72)**Name of Inventor :**
1)Fatih UYSAL
2)Enver KURPEJOVIC
3)Dietmar UEBELE

(57) Abstract :
An exhaust system for an internal combustion engine comprises - an exhaust gas-carrying component (16) with an outer wall (14), - a heat conductor element (12) with a jacket (40) and with a heat conductor device (50) enclosed by the jacket (40), and - a pass-through device (22) for the gastight passing of the heat conductor element (12) through the outer wall (14) of the exhaust gas-carrying component (16), wherein the pass-through device (22) comprises a pass-through opening (26) in the outer wall (14), which [pass-through opening] is traversed by the heat conductor element (12), and a connection element (24), which is connected in a gastight manner to the heat conductor element (12), on the one hand, and to the outer wall (14), on the other hand.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2020

(21) Application No.202037036783 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : POLYETHER POLYOL REFINING METHOD AND REFINING APPARATUS

(51) International classification :C08G 65/30, C08G 65/46
(31) Priority Document No :201811306363.2
(32) Priority Date :02/11/2018
(33) Name of priority country :China
(86) International Application No :PCT/CN2019/114942
Filing Date :01/11/2019
(87) International Publication No :WO 2020/088632
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JIAHUA CHEMISTRY (BINZHOU) CO., LTD
Address of Applicant :No. 88, WuTong Road Eight Binbei Town, Bincheng District Binzhou, Shandong 256600 China
2)JIAHUA CHEMICALS (SHANGHAI) LTD.
(72)**Name of Inventor :**
1)LI, Zhijun
2)WU, Cheng
3)ZHANG, Yumin
4)LI, Yubo

(57) Abstract :
Disclosed in the present invention is a polyether polyol refining method, comprising (1) neutralising or diluting crude polyether polyol to obtain a mixed solution; (2) flowing the mixed solution through a hydrophilic medium to aggregate same into a first density phase liquid and a second density phase liquid, the first density phase liquid being an aqueous solution containing alkaline metal ions and/or alkaline earth metal ions, and the second density phase liquid being polyether polyol; and (3) allowing the first density phase liquid to settle and separating same from the second density phase liquid to obtain refined polyether polyol. In the present refining method, using the hydrophilic medium for one-step removal of the alkaline ions and water in the polyether polyol simplifies the treatment steps, increases treatment efficiency, and can prevent polyether polyol loss; the obtained polyether polyol has low alkaline ion content and little odour. Also disclosed in the present invention is a polyether polyol refining apparatus, comprising a mixing unit and a separating unit, and being capable of refining polyether polyol with low alkaline ion content and little odour.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2021

(21) Application No.202137005809 A
(43) Publication Date : 07/05/2021

(54) Title of the invention : SIGNAL TRANSMISSION METHOD, APPARATUS, ELECTRONIC DEVICE AND COMPUTER READABLE STORAGE MEDIUM

(51) International classification	:H04W0072120000, H04B0007060000, H04L0027260000, H04B0007045600, H04W0076270000
(31) Priority Document No	:201811296776.7
(32) Priority Date	:01/11/2018
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/KR2019/014752 :01/11/2019
(87) International Publication No	:WO 2020/091527
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do 16677 Republic of Korea
(72)**Name of Inventor :**
1)SUN, Feifei
2)FU, Jingxing
3)XIONG, Qi
4)QIAN, Chen

(57) Abstract :
The present disclosure relates to a communication method and system for converging a 5th-Generation (5G) communication system for supporting higher data rates beyond a 4th-Generation (4G) system with a technology for Internet of Things (IoT). The present disclosure may be applied to intelligent services based on the 5G communication technology and the IoT-related technology, such as smart home, smart building, smart city, smart car, connected car, health care, digital education, smart retail, security and safety services. The present disclosure provides a signal transmission method, apparatus, electronic device and computer readable storage medium.

No. of Pages : 28 No. of Claims : 15

WEEKLY ISSUED FER (DELHI)

SNO	LOCATION	APPLICATION NUMBER	FER DATE	ADDRESS FOR SERVICE	EMAIL
1	DELHI	201917054574	25/04/2021 00:00:00	PANASIAN IP SERVICES, 213, DDA SFS, Pocket 1, Phase -1, Sector -22, Dwarka, Delhi - 110077, India	ip@panasianipservices.com
2	DELHI	202112012268	25/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys E-13, UPSIDC, Site-IV, Behind Grand Venice, Kasna Road, Greater Noida 201310, UP, National Capital Region, India.	info@khuranaandkhurana.com
3	DELHI	201814014380	25/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,	patents@remfry.com,remfry-sagar@remfry.com
4	DELHI	202117004705	25/04/2021 00:00:00	RAHUL CHAUDHRY & PARTNERS RCY House, C-235, Defence Colony, New Delhi- 110024, India and RCY House, Plot No. B-28, Sector-32, Institutional Area, Gurgaon-122 001 (Haryana) India	patents@rahulchaudhry.com
5	DELHI	201711016786	25/04/2021 00:00:00	L. S. DAVAR & CO. PATENTS AND TRADE MARKS ATTORNEY™S 5/1 (1ST FLOOR) KALKAJI EXTENSION NEW DELHI 110 019,India.	lsdavar@ndf.vsnl.net.in,delhi@lsdavar.in
6	DELHI	201811037558	26/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 India	MAIL@LEXORBIS.COM,mail@lexorbis.com
7	DELHI	201914050489	26/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
8	DELHI	201917042003	26/04/2021 00:00:00	RAHUL BAGGA IN/PA-2366 B2 /1050, Spaze iTech Park, Sohna Road, 122002, Gurgaon, Delhi NCR, India	rahulbagga@outlook.com,patent@adastraip.com
9	DELHI	201817010820	26/04/2021 00:00:00	REMFRY And SAGAR Attorneys at Law Remfry House Millennium Plaza Sector 27 Gurgaon 122 009 India.	remfry-sagar@remfry.com
10	DELHI	201918043513	26/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon - 122002, National Capital Region, India	ipo@knspartners.com
11	DELHI	202017005087	26/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
12	DELHI	201917029794	26/04/2021 00:00:00	D.P AHUJA & Co. DLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122 001 NCR, INDIA	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN,lnchinta.ipo@nic.in
13	DELHI	201917038567	26/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	joginder@lexorbis.com,mail@lexorbis.com

14	DELHI	201817009486	26/04/2021 00:00:00	KAndS PARTNERS Intellectual Property Attorneys 515 B Platinum Tower 5th Floor Sohna Road Sector 47 Gurgaon 122002 National Capital Region India	ipo@knspartners.com
15	DELHI	202011013039	26/04/2021 00:00:00	ENNOBLE IP,B-17, FIRST FLOOR, SECTOR 6, NOIDA-201301 (UP),INDIA	ipec@ennobleip.com
16	DELHI	201917024565	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
17	DELHI	201914022029	26/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	mail@lexorbis.com
18	DELHI	201917037480	26/04/2021 00:00:00	OBHAN & ASSOCIATES N 94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI 110017, INDIA	essenese@obhans.com,email@obhans.com
19	DELHI	202017010164	26/04/2021 00:00:00	OBHAN & ASSOCIATES N -94, SECOND FLOOR, PANCHSHEEL PARK, NEW DELHI-110017, INDIA	email@obhans.com
20	DELHI	201814015833	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,	patents@remfry.com,remfry-sagar@remfry.com
21	DELHI	201817036652	26/04/2021 00:00:00	SKS Law Associates C1/611, Mayfair Tower, Charmwood Village, Surajkund, Faridabad 121 009 Haryana, INDIA	sunita@skslaw.org
22	DELHI	201917001619	26/04/2021 00:00:00	Rohit Singh Abu-Ghazaleh Intellectual Property TMP Agents India Pvt. Ltd. 3rd Floor, H L Arcade Above Axis Bank Plot No. 14, Sector-V (MLU) Dwarka, New Delhi-110075 India	india@agip.com
23	DELHI	201614024494	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 911242806100 Telefax No. 911242806101 E-mail: remfry-sagar@remfry.com patents@remfry.com	patents@remfry.com,remfry-sagar@remfry.com
24	DELHI	201911014802	26/04/2021 00:00:00	Innove Intellects A102 Sector 9, New Vijay Nagar, Ghaziabad 201009	pooja@innoveintellects.com
25	DELHI	201811020878	26/04/2021 00:00:00	Mr. Vijay Tase, C/O Patent Cell; Lohia Corp Limited, D-3/A, Panki Industrial Estate, Kanpur 208 022	vijayt@peertechnical.net,rajiv.pathak@lohiagroup.com
26	DELHI	201917037843	26/04/2021 00:00:00	OBHAN & ASSOCIATES N 94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI 110017, INDIA	essenese@obhans.com,email@obhans.com
27	DELHI	201917038149	26/04/2021 00:00:00	KAnalysis Consultant (P.) Ltd KH-368/369, First and Second Floor, Sultanpur M.G. Road, New Delhi-110030	docket@kanalysis.com
28	DELHI	202014012992	26/04/2021 00:00:00	C/o Lall & Sethi, D-17, South Extension II, New Delhi 110 049, India	info@indiaip.com,akhanna@indiaip.com

29	DELHI	202117008955	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com
30	DELHI	202017049382	26/04/2021 00:00:00	DEEPAK KUMAR TRIVEDI NISHNAT ASSOCIATES K1/125, LOWER GROUND FLOOR, CHITARANJAN PARK, NEW DELHI - 110019	INFO@NISHNAT.COM
31	DELHI	201911018268	26/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	mail@lexorbis.com,manisha@lexorbis.com
32	DELHI	201917022414	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
33	DELHI	202017005078	26/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	gaurav.gupta@lakshmisri.com,iprdel@lakshmisri.com
34	DELHI	201917050841	26/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India	sna@sna-ip.com,docket.sna@gmail.com
35	DELHI	202117005866	26/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com
36	DELHI	201817016779	26/04/2021 00:00:00	KAN AND KRISHME ADVOCATES PATENT AND TRADEMARK ATTORNEYS KNK House B 483 Meera Bagh Paschim Vihar New Delhi 110063 India.	knk@kankrishme.com
37	DELHI	201811006564	26/04/2021 00:00:00	Law Office of Rahul Dev, Level 18, One Horizon Centre, Golf Course Road, DLF Phase 5, Sector 43, Gurgaon 122002, Haryana	rd@patentbusinesslawyer.com
38	DELHI	201611032915	26/04/2021 00:00:00	LOKESH GOYAL 55 SHYAM NAGAR, BODLA ROAD, AGRA, UP-282010, INDIA	lokeshgoyal1986@gmail.com
39	DELHI	202117010048	26/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com,email@anandandanand.com

40	DELHI	201717044666	26/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN B6/10 Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
41	DELHI	201914029241	26/04/2021 00:00:00	Wadhwa Law Offices 5th Floor, Tower 4B, DLF Corporate Park, DLF City Phase-3, MG Road, Gurugram, Haryana 122 002, India	patent@walaw.in
42	DELHI	202117009083	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com
43	DELHI	202017048030	26/04/2021 00:00:00	CENTRiiK, H-187, Sector - 63, NOIDA, UP - 201301	patents@centriik.com
44	DELHI	202017002335	26/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	joginder@lexorbis.com,mail@lexorbis.com
45	DELHI	201917034879	26/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
46	DELHI	201717024360	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys at Law Remfry House Millennium Plaza Sector 27 Gurgaon 122 009 India. Telephone No. 91 124 280 6100 Telefax No. 91 124 280 6101 E mail: remfry sagar@remfry.com patents@remfry.com	remfry-sagar@remfry.com
47	DELHI	202014003120	26/04/2021 00:00:00	Anand & Anand Advocates B-41, Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
48	DELHI	201814020699	26/04/2021 00:00:00	Name D.P AHUJA & Co. Postal Address DLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122 001 NCR, INDIA.	patents@dpahuja.com,PATENTS@DPAHUJA.IN
49	DELHI	201817000033	26/04/2021 00:00:00	RAJESHWARI & ASSOCIATES AMSOFT BUSINESS CENTRE UNITECH TRADE CENTRE Sector 43 Gurgaon 122 002 Haryana India;	chitra@ralegal.co.in
50	DELHI	202117005212	26/04/2021 00:00:00	OBHAN & ASSOCIATES N -94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA Telephone No. +91 (011) 40200200 Mobile No. +91 9899601443 Fax. No. +91 (011) 40200299	essenese@obhans.com
51	DELHI	201917010749	26/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM,iprdel@lakshmisri.com
52	DELHI	202017050334	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com

53	DELHI	202117002461	26/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com
54	DELHI	3145/DEL/2015	26/04/2021 00:00:00	Anand & Anand Advocates B-41, Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 24358078, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056,-058 E-mail: email@anandandanand.com, archana@anandandanand.com	archana@anandandanand.com
55	DELHI	201917020031	26/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES Attorneys - at law 7th Floor, M3M Cosmopolitan Sector 66, Golf Course Extension Road Gurugram 122001 National Capital Region (India)	sna@sna-ip.com,docket.sna@gmail.com
56	DELHI	201611033288	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	patents@remfry.com
57	DELHI	201817028344	26/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 India	mail@lexorbis.com,anshul@wizwits.in
58	DELHI	201714031529	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	patents@remfry.com,remfry-sagar@remfry.com
59	DELHI	201917046209	26/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
60	DELHI	201911033883	26/04/2021 00:00:00	KRISHNA & SAURASTRI ASSOCIATES LLP Emaar Digital Greens, Tower B, Unit No. 14 & 15, Floor 16, Golf Course Extension Road, Sector-61, Gurugram -122001, New Delhi, National Capital Region, India	info@krishnaandsaurastri.com
61	DELHI	202117007902	26/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon - 122002, National Capital Region, India Telephone No. 911244708700 Mobile No. +91 8130055293 Fax No. +911244708760 E-mail ID ipo@knspartners.com	ipo@knspartners.com
62	DELHI	202017004289	26/04/2021 00:00:00	P.S. DAVAR & CO. N-220 GREATER KAILASH-1, NEW DELHI 110048 INDIA	psdavar@psdavar.com

63	DELHI	201818038338	26/04/2021 00:00:00	KAN AND KRISHME, ADVOCATES PATENT AND TRADEMARK ATTORNEYS, KNK House, B-483, Meera Bagh, Paschim Vihar, New Delhi-110063, India.	knk@kankrishme.com
64	DELHI	202017036713	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com
65	DELHI	201917046916	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
66	DELHI	201914040809	26/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
67	DELHI	202014003109	27/04/2021 00:00:00	OBHAN & ASSOCIATES, N - 94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA	email@obhans.com
68	DELHI	202017039677	27/04/2021 00:00:00	OBHAN & ASSOCIATES, N - 94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA Telephone No. +91 (011) 40200200 Mobile No. +91 9899601443 Fax. No. +91 (011) 40200299	essenese@obhans.com
69	DELHI	202017008225	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM
70	DELHI	202017035661	27/04/2021 00:00:00	RAHUL CHAUDHRY & PARTNERS RCY House, Plot No. B-28, Sector-32, Institutional Area, Gurgaon-122 001 (Haryana) India and RCY House, C-235, Defence Colony, New Delhi- 110024, India Telephone No.: (0124) 2382202; (0124) 2382203 Fax No.: (0124) 4034823 Mobile: +91 9971726980 E-mail: patents@rahulchaudhry.com; mail@rahulchaudhry.com;	mail@rahulchaudhry.com
71	DELHI	201917019009	27/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	rahul@lexorbis.com,mail@lexorbis.com
72	DELHI	201917040274	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
73	DELHI	201917047317	27/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560038, Karnataka, India	mahua.ray@remfry.com,remfry-sagar@remfry.com,ipo@knspartners.com
74	DELHI	202117009181	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM
75	DELHI	201817024395	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	remfry-sagar@remfry.com

76	DELHI	201817039476	27/04/2021 00:00:00	P.S.DAVAR & CO., N-220 GREATER KAILASH-1 NEW DELHI 110048 INDIA	psdavar@psdavar.com
77	DELHI	201917030877	27/04/2021 00:00:00	Singh & Associates Founder: Manoj K. Singh Advocates & Solicitors N-30, Malviya Nagar, New Delhi 110 017, India	suchi@singhassociates.in,newdelhi@singhassociates.in,ipr@singhassociates.in
78	DELHI	201917031839	27/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
79	DELHI	201817026458	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	remfry-sagar@remfry.com
80	DELHI	201617038057	27/04/2021 00:00:00	Anand And Anand B 41 NIZAMUDDIN EAST	email@anandandanand.com
81	DELHI	201917039975	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
82	DELHI	201917045655	27/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com
83	DELHI	174/DEL/2015	27/04/2021 00:00:00	PATENTWIRE CONSULTANTS PVT. LTD. B-10, Ground Floor, Vishwakarma Colony, M.B. Road, New Delhi-110044, India Mobile: 9811367838	desk@patentwire.co.in
84	DELHI	201917020136	27/04/2021 00:00:00	ZeusIP Advocates LLP C-4, Jangpura Extension, New Delhi-110014	nvarma@zeusip.com,info@zeusip.com
85	DELHI	201917037404	27/04/2021 00:00:00	OBHAN & ASSOCIATES N -94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA	essenese@obhans.com,email@obhans.com
86	DELHI	201814011879	27/04/2021 00:00:00	c/o Lall & Sethi, D-17, South Extension II, New Delhi 110 049 India	info@indiaip.com,akhanna@indiaip.com
87	DELHI	201917028283	27/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India	sna@sna-ip.com,docket.sna@gmail.com
88	DELHI	201911049057	27/04/2021 00:00:00	RAHUL THAREJA, A-177, SHIVALIK, MALVIYA NAGAR, NEW DELHI	rahulthegreat2001@gmail.com
89	DELHI	201914048501	27/04/2021 00:00:00	OBHAN & ASSOCIATES, N -94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI - 110017, INDIA	email@obhans.com
90	DELHI	201917043028	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
91	DELHI	202117007445	27/04/2021 00:00:00	S. S. Rana & Co. Advocates, Patent & Trademark Attorneys 317, Lawyers™ Chambers, High Court of Delhi, New Delhi 110003, India Telephone No. 011-40123000; Mobile No. 9810154485; Fax No. 011-40123010	patents@ssrana.com

92	DELHI	201611007099	27/04/2021 00:00:00	Ms. Kompal Bansal (Patent Agent No. IN/PA/1754) For Corporate Consultants # 5568, Sector 38 West , Chandigarh -160014	consultants.corporate@gmail.com,ipec@ennobleip.com
93	DELHI	201817042915	27/04/2021 00:00:00	K&S Partners Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA	ipo@knspartners.com,info@abhilashaip.com,abhilasha.ip.india@gmail.com
94	DELHI	202014001727	27/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India	patent@saikrishnaassociates.com
95	DELHI	201917011114	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
96	DELHI	201917016926	27/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road Sector 47, Gurgaon 122002 India	IPO@KNSPARTNERS.COM,ipo@knspartners.com
97	DELHI	201917045750	27/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector-47, Gurgaon - 122002	IPO@KNSPARTNERS.COM,ipo@knspartners.com
98	DELHI	201918033291	27/04/2021 00:00:00	De Penning & De Penning 2B, Ground Floor, Solitaire Plaza, MG Road , Gurgaon 122002	patent@depenning.com
99	DELHI	201714035835	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
100	DELHI	201717009513	27/04/2021 00:00:00	D-17, South Extension, II, New Delhi, 110 049	info@indiaip.com,akhanna@indiaip.com
101	DELHI	201917044578	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
102	DELHI	201917040574	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	r.mahesh@remfry.com,remfry-sagar@remfry.com
103	DELHI	201714029282	27/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, Central Square, Suite-328, Plaza III, 20 Manoharlal Khurana Marg, Bara Hindu Rao (off Rani Jhansi Road), Delhi-110006 (India)	sna@sna-ip.com,docket.sna@gmail.com
104	DELHI	201717039040	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys at Law Remfry House Millennium Plaza Sector 27 Gurgaon 122 009 India.	remfry-sagar@remfry.com
105	DELHI	202017021490	27/04/2021 00:00:00	PATENTWIRE A-199, Ground Floor, Defence Colony, New Delhi-110024, India	lalit.ambastha@patentwire.co.in
106	DELHI	202011003697	27/04/2021 00:00:00	MS. NITIKA G. PANWAR, HOUSE NO.-237, BEHIND SHIVALIK SHISHU SCHOOL, LANE NO. 3, ARYA NAGAR, HARIDWAR, UTTARAKHAND-249407	nitikaghosh21@gmail.com
107	DELHI	202017000422	27/04/2021 00:00:00	Rahul Bagga, IN/PA-2366, B2 /1050, Spaze iTech Park, Sohna Road, 122002, Gurgaon, Delhi NCR, India	rahulbagga@outlook.com,patent@adastraip.com

108	DELHI	201911009934	27/04/2021 00:00:00	Legasis Partners, B-105, ICC Trade Tower, Senapati Bapat Road, Pune - 411016, Maharashtra, India mobile no. 7030395511	ip@legasis.in
109	DELHI	201917053985	27/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com
110	DELHI	201917046595	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
111	DELHI	201917052689	27/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	joginder@lexorbis.com,mail@lexorbis.com
112	DELHI	202017011623	27/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India Tel: +91-124-4849700 Fax: +91-124-4849798 / 4849799 Mobile Nos.: +91 7042499356; 9205965311	sna@sna-ip.com
113	DELHI	201917045358	27/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	joginder@lexorbis.com,mail@lexorbis.com
114	DELHI	201911032458	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
115	DELHI	202117010462	27/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon - 122002, National Capital Region, IndiaTelephone No. +911244708700 Mobile No. +91 8130055293 Fax No. +911244708760 E-mail ID ipo@knspartners.com	ipo@knspartners.com
116	DELHI	201917035097	27/04/2021 00:00:00	INTTL ADVOCARE F-252 Lane W/5, Western Avenue, Sainik Farms, New Delhi 110 062, INDIA	ipcare@inttladvocare.com
117	DELHI	201814011884	27/04/2021 00:00:00	OBHAN & ASSOCIATES N - 94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI - 110017, INDIA	email@obhans.com
118	DELHI	201917015389	27/04/2021 00:00:00	Adastra IP B2-1050-Spaze iTech Park Sohna Road, 122002 Gurgaon, Delhi-NCR, India.	rahulbagga@outlook.com,patent@adastraip.com,rahulb@adastraip.com
119	DELHI	202017018613	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
120	DELHI	202017020628	27/04/2021 00:00:00	Singh & Associates, Founder: Manoj K. Singh, Advocates & Solicitors N-30, Malviya Nagar, New Delhi-110017 Telephone No. - 011-46667000 Fax No. - 011-46667001 E-mail ID - newdelhi@singhassociates.in; ipr@singhassociates.in	shrimant@singhassociates.in,newdelhi@singhassociates.in,ipr@singhassociates.in

121	DELHI	201918028131	27/04/2021 00:00:00	KAN AND KRISHME Attorneys at law, B-483, KNK House, Meera Bagh, Paschim Vihar, New Delhi-110063, India.	knk@kankrishme.com
122	DELHI	201714040375	27/04/2021 00:00:00	RNA, IP Attorneys 401-402, 4th Floor, Suncity Success Tower, Sector - 65, Golf Course Extension Road, Gurgaon - 122 005, National Capital Region (Haryana), India	patents@rnaip.com,patent@rnaip.com ,info@rnaip.com
123	DELHI	201911042447	27/04/2021 00:00:00	Name OBHAN & ASSOCIATES Postal Address N -94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA	email@obhans.com
124	DELHI	201817047562	27/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys, 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon 122002, National Capital Region, India	IPO@KNSPARTNERS.COM,ipo@knspartners.com
125	DELHI	201717046328	27/04/2021 00:00:00	OBHAN & ASSOCIATES N 94 SECOND FLOOR PANCHSHILA PARK NEW DELHI 110017 INDIA	email@obhans.com
126	DELHI	201917042869	27/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
127	DELHI	201917045439	27/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India	sna@sna-ip.com,docket.sna@gmail.com
128	DELHI	201817018739	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	remfry-sagar@remfry.com
129	DELHI	201917021419	27/04/2021 00:00:00	KAN AND KRISHME Attorneys at law, A-11, KNK House, Shubham Enclave, Paschim Vihar, New Delhi-110063, India.	kankrishmefer@gmail.com,knk@kankrishme.com
130	DELHI	201917039867	27/04/2021 00:00:00	DINESH JOTWANI (IN/PA 359) AGGARWAL ASSOCIATES N-17, Jangpura Extn., New Delhi-110014	contact@jotwani.com,info@aggarwalassociates.com
131	DELHI	201917044019	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
132	DELHI	201917047556	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
133	DELHI	2478/DEL/2015	27/04/2021 00:00:00	HEAD, IPM DIVISION, CSIR, NISCAIR BUILDING, 14, SATSANG VIHAR MARG, NEW DELHI-110 067, INDIA	csirfer.ipu@niscair.res.in,ipmd@vsnl.net
134	DELHI	202017033345	27/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg New Delhi - 110 001 India Tel: 91 11 2371 6565 Mobile No. 9811161518 Fax: 91 11 2371 6556	Siddharth@lexorbis.com,mail@lexorbis.com

135	DELHI	202011028287	27/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES, Advocates B-140, Sector 51, Noida-201301, Uttar Pradesh, India (+91) (120) 4633900 (100 Lines) 9821378432	patent@saikrishnaassociates.com,garima@saikrishnaassociates.com
136	DELHI	202017010263	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM
137	DELHI	201817008536	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys at Law Remfry House Millennium Plaza Sector 27 Gurgaon 122 009 India.	remfry-sagar@remfry.com
138	DELHI	201917020516	27/04/2021 00:00:00	D.P AHUJA & Co. DLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122 001 NCR, INDIA	PATENTS@DPAHAUJA.COM,PATENTS@DPAHUJA.IN
139	DELHI	201917022890	27/04/2021 00:00:00	KAN AND KRISHME Attorneys at Law, B-483, KNK House, Meera Bagh, Paschim Vihar, New Delhi-110063, India	kankrishmefer@gmail.com,knk@kankrishme.com
140	DELHI	201611011639	27/04/2021 00:00:00	MISHRA JAI PRAKASH THE CHIEF EXECUTIVE OFFICER INTELLECTUAL PROPERTY MANAGEMENT CENTRE, PCPGR BUILDING, G. B. PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY PANTNAGAR, DISTT: UDHAM SINGH NAGAR, UTTARAKHAND - 263145	jpmishra.jpm@gmail.com
141	DELHI	202017030370	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com
142	DELHI	202017027648	27/04/2021 00:00:00	LEX IP CARE LLP 212, B Block, Unitech Business Zone, Nirvana Country, Sector-50, Gurgaon - 122018, Haryana, INDIA Telephone No. 0124-4252014 Mobile No. +91-9650501331 Fax No. 0124-4205821	maria@lexipcare.com
143	DELHI	202017008324	27/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India Tel: +91-124-4849700 Fax: +91-124-4849798/799 Mobile Nos.: +91 9205965311	sna@sna-ip.com,docket.sna@gmail.com
144	DELHI	201917047291	27/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon - 122002, National Capital Region, India	IPO@KNSPARTNERS.COM,ipo@knspartners.com

145	DELHI	202111008927	27/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society Navrangpura, Ahmedabad 380 009 India	hkpatent@hkindia.com
146	DELHI	201817009067	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN And SRIDHARAN B6/10 Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
147	DELHI	201717024557	27/04/2021 00:00:00	Dinesh Jotwani JOTWANI ASSOCIATES 81 NATIONAL PARK LAJPAT NAGAR IV NEW DELHI 110024 Mobile: 9810018669	contact@jotwani.com
148	DELHI	201917025387	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
149	DELHI	201917041741	27/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 India	joginder@lexorbis.com,mail@lexorbis.com
150	DELHI	201917049803	27/04/2021 00:00:00	LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM,iprdel@lakshmisri.com
151	DELHI	201817017636	27/04/2021 00:00:00	REMFRY And SAGAR Attorneys at Law Remfry House Millennium Plaza Sector 27 Gurgaon 122 009 India.	remfry-sagar@remfry.com
152	DELHI	201817023281	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
153	DELHI	201817035884	27/04/2021 00:00:00	De Penning & De Penning 2B, Ground Floor, Solitaire Plaza MG Road Gurgaon 122002	patent@depenning.com,email@anandandanand.com
154	DELHI	202017030561	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com
155	DELHI	202017036133	27/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com
156	DELHI	201717035346	27/04/2021 00:00:00	Anand & Anand Advocates B 41 Nizamuddin East New Delhi 110013 India	email@anandandanand.com
157	DELHI	201917024730	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
158	DELHI	201917044005	27/04/2021 00:00:00	ZeusIP Advocates LLP C-4, Jangpura Extension New Delhi 110014 India	nvarma@zeusip.com,info@zeusip.com

159	DELHI	201917016733	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
160	DELHI	202017028886	27/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com,email@anandandanand.com
161	DELHI	201614045030	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	patents@remfry.com,remfry-sagar@remfry.com
162	DELHI	201914047235	27/04/2021 00:00:00	Dr. MEHTA, Ramesh Kumar and MEHTA, Ankush, Advocates & Patent Attorneys; NIROOLA, Abhilasha and MEHTA, Akshay, Advocates and MEHTA, Neelu, Patent Agent; all of Mehta & Mehta Associates Mehta House, B-474, Sushant Lok-I, Sector 27, GURGAON 122 002, NCR, INDIA	mehta@mehtaip.com
163	DELHI	201611036400	27/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys E-13, UPSIDC, Site-IV, Behind Grand Venice, Kasna Road, Greater Noida 201310, UP, National Capital Region, India.	docket@khuranaandkhurana.com,tarun@khuranaandkhurana.com
164	DELHI	202017035696	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com,remfry-sagar@remfry.com,patents@remfry.com
165	DELHI	201817033976	27/04/2021 00:00:00	KAN AND KRISHME ADVOCATES, PATENT AND TRADEMARK ATTORNEYS A-11 KNK HOUSE, SHUBHAM ENCLAVE, PASCHIM VIHAR, NEW DELHI-110063, INDIA	knk@kankrishme.com
166	DELHI	201817042693	27/04/2021 00:00:00	Name D.P AHUJA & Co. Postal Address DLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122 001 NCR, INDIA patents@dpahuja.com	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
167	DELHI	201917019550	27/04/2021 00:00:00	SHARAD VADEHRA, A-11, Shubham Enclave, Paschim Vihar, New Delhi-110063, INDIA	knk@kankrishme.com

168	DELHI	201917046366	27/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com
169	DELHI	201917027609	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
170	DELHI	201917031377	27/04/2021 00:00:00	PRISM IPR A1/306, Orris Carnation, Sector 85, Gurgaon, Haryana - 122004 India	filing@prismipr.com
171	DELHI	201717040418	27/04/2021 00:00:00	Anand & Anand Advocates B 41 Nizamuddin East New Delhi 110013 India Phone No: 0091 11 24355076 91 120 4059300 Fax No: 0091 11 24354243 91 120 4243056 58 E mail: email@anandandanand.com archana@anandandanand.com; Mobile No: +91 9717990240	email@anandandanand.com
172	DELHI	201917009064	27/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
173	DELHI	201811002463	27/04/2021 00:00:00	Patentwire A-199, Ground Floor, Defence Colony New Delhi-110024, India	desk@patentwire.co.in,patentwire@patentwire.co.in
174	DELHI	202017000304	27/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida- 201301, Uttar Pradesh, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com
175	DELHI	202017018724	27/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com,email@anandandanand.com
176	DELHI	202017028366	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com
177	DELHI	202018009515	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House, Millennium Plaza, Sector 27, Gurgaon-122 009, India	remfry-sagar@remfry.com
178	DELHI	201611036489	28/04/2021 00:00:00	DR. SHIKHA RASTOGI HEAD, INNOVATION PROTECTION UNIT (IPU), CSIR, NISCAIR BUILDING, 3RD FLOOR, 14 SATSANG VIHAR MARG NEW DELHI-110067, INDIA	head.ipu@niscair.res.in
179	DELHI	201917009962	28/04/2021 00:00:00	KAN AND KRISHME Attorneys at Law, A-11, Shubham Enclave, Paschim Vihar, New Delhi-110063, India	knk@kankrishme.com

180	DELHI	201914011517	28/04/2021 00:00:00	OBHAN & ASSOCIATES, N -94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA	email@obhans.com
181	DELHI	201617035667	28/04/2021 00:00:00	Lall Lahiri & Salhotra LLS House Plot No. B 28 Sector 32 Institutional Area GURGAON-122 001 (HARYANA) INDIA	gpo@lls.in,patents@rahulchaudhry.com
182	DELHI	201913042387	28/04/2021 00:00:00	RAHUL CHAUDHRY & PARTNERS RCY House, Plot No. B-28, Sector-32, Institutional Area, Gurgaon-122 001 (Haryana) India and RCY House, C-235, Defence Colony, New Delhi- 110024, India	patents@rahulchaudhry.com
183	DELHI	202017015280	28/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com
184	DELHI	201917041070	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House at Millennium Plaza, Sector 27 Gurgaon 122 009, India.	remfry-sagar@remfry.com
185	DELHI	201817041697	28/04/2021 00:00:00	KAN AND KRISHME Attorneys at Law, KNK House, A-11, Shubham Enclave, Paschim Vihar, New Delhi-110063, India	kankrishmefer@gmail.com
186	DELHI	201817026448	28/04/2021 00:00:00	KAN AND KRISHME Attorneys at Law, A-11, Shubham Enclave, Paschim Vihar, New Delhi-110063, India	knk@kankrishme.com
187	DELHI	201711007965	28/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com,vidisha@anandandanand.com,email@anandandanand.com
188	DELHI	202117004928	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM
189	DELHI	201717033426	28/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys 515 B Platinum Tower 5th Floor Sohna Road Sector 47 Gurgaon 122002 National Capital Region India	gurgaon@knspartners.com
190	DELHI	202017007903	28/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556	joginder@lexorbis.com

191	DELHI	202017040916	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM
192	DELHI	201817020241	28/04/2021 00:00:00	GROSER & GROSER, Patent and Trade Mark Attorneys, of D - 1/5 DLF Qutab Enclave, Phase I, Gurgaon, INDIA.	kevin@groserandgroser.com
193	DELHI	3931/DEL/2015	28/04/2021 00:00:00	PATENTWIRE CONSULTANTS PVT. LTD. B-10, Ground Floor, Vishwakarma Colony, M.B. Road, New Delhi-110044, India Mobile: 9811367838	desk@patentwire.co.in
194	DELHI	201611031949	28/04/2021 00:00:00	GAURAV KRISHNAN HEAD, INNOVATION PROTECTION UNIT (IPU), CSIR NISCAIR BUILDING, 3RD FLOOR, 14 SATSANG VIHAR MARG, NEW DELHI-110067, INDIA	head.ipu@niscair.res.in
195	DELHI	201917016964	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
196	DELHI	201917044368	28/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556	joginder@lexorbis.com,mail@lexorbis.com
197	DELHI	201917050845	28/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida- 201301, Uttar Pradesh, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com,lnchinta.ipo@nic.in
198	DELHI	201917048218	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
199	DELHI	202018004028	28/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	mail@lexorbis.com
200	DELHI	11688/DELNP/2015	28/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys 109 Sector 44 Gurgaon 122003 National Capital Region India	ipo@knspartners.com
201	DELHI	201611022621	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com,malathi.l@lakshmisri.com
202	DELHI	201817042697	28/04/2021 00:00:00	Name D.P AHUJA & Co. Postal Address DLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122 001 NCR, INDIA	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
203	DELHI	201917014378	28/04/2021 00:00:00	ANUATION 4th & 5th Floor, WZ 113/4, Meenakshi Garden, Tilak Nagar, New Delhi - 110018, INDIA	pujakr@gmail.com,info@anuation.com,vishal.bhardwaj@anuation.com
204	DELHI	201917052627	28/04/2021 00:00:00	RAHUL CHAUDHRY & PARTNERS RCY House, Plot No. B-28, Sector-32, Institutional Area, Gurgaon-122 001 (Haryana) India and RCY House, C-235, Defence Colony, New Delhi- 110024, India	mail@rahulchaudhry.com,Patents@rahulchaudhry.com

205	DELHI	201917045048	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
206	DELHI	201717027340	28/04/2021 00:00:00	BRIJ MOHAN BAGARIA WARD NO. 3, KRISHNA COLONY, PILANI, RAJASTHAN-333031	iamdrneeraj.gupta@gmail.com
207	DELHI	202017001621	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
208	DELHI	201917033383	28/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
209	DELHI	201917042482	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
210	DELHI	201917046185	28/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com
211	DELHI	201811016962	28/04/2021 00:00:00	S. MAJUMDAR & CO., G-48, LGF, Lajpat Nagar III, New Delhi 110 024, India	del@patentindia.com
212	DELHI	201717013354	28/04/2021 00:00:00	LAKSHMI KUMARAN & SRIDHARAN B6/10 Safdarjung Enclave New Delhi-110029	iprdel@lakshmisri.com
213	DELHI	201814040957	28/04/2021 00:00:00	OBHAN & ASSOCIATES N -94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA	email@obhans.com
214	DELHI	201817042254	28/04/2021 00:00:00	PERFEXIO LEGAL Attorneys-At-Law 9655, Sector-C, Pocket-9 Vasant Kunj, New Delhi-110 070, India Mobile No.: +91-9810404749	mail@perfexiolegal.com
215	DELHI	202017038615	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM
216	DELHI	202017039080	28/04/2021 00:00:00	DJS LEGAL ATTORNEYS AT LAW 302 NIRMAL TOWER BUILDING, 26 BARAKHAMBA ROAD, CONNAUGHT PLACE, NEW DELHI 110001, INDIA; PHONE: 9810441333	bhatla.durga@gmail.com
217	DELHI	202117007600	28/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com
218	DELHI	201917024211	28/04/2021 00:00:00	D.P AHUJA & Co. DLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122001 NCR, INDIA	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN

219	DELHI	201917025167	28/04/2021 00:00:00	219, 2ndFloor, DLF Tower A, Jasola District Center, New Delhi, India. Pin Code 110025.	rahulbagga@outlook.com,patent@adastraip.com,rahulb@adastraip.com
220	DELHI	201817023120	28/04/2021 00:00:00	D.P AHUJA & Co. Postal Address DLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122 001 NCR, INDIA	patents@dpahuja.com,PATENTS@DPAHUJA.IN
221	DELHI	201817046618	28/04/2021 00:00:00	OBHAN & ASSOCIATES N -94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA	essenese@obhans.com,email@obhans.com
222	DELHI	201914041769	28/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida- 201301, Uttar Pradesh, India	patent@saikrishnaassociates.com
223	DELHI	202014032529	28/04/2021 00:00:00	KAN AND KRISHME Attorneys at law, A-11, KNK House, Shubham Enclave, Paschim Vihar, New Delhi-110063, India.	knk@kankrishme.com,ip.status@kankrishme.com
224	DELHI	202017022678	28/04/2021 00:00:00	ANUATION 4th & 5th Floor, WZ 113/4, Meenakshi Garden, Tilak Nagar, New Delhi - 110018, INDIA Tel.: +91 9667 26 1200 Email: info@anuation.com	pujakr@gmail.com
225	DELHI	201917047509	28/04/2021 00:00:00	KAN AND KRISHME Attorneys at Law, A-11, Shubham Enclave, Paschim Vihar, New Delhi-110063, India	kankrishmefer@gmail.com,knk@kankrishme.com
226	DELHI	202011031033	28/04/2021 00:00:00	ENNOBLE IP, B-17, FIRST FLOOR, SECTOR 6, NOIDA-201301 (UP), INDIA.	ipec@ennobleip.com
227	DELHI	202017046779	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com,patents@remfry.com
228	DELHI	202111006557	28/04/2021 00:00:00	C-20/1,SECTOR-62,JSS ACADEMY OF TECHNICAL NOIDA,PIN-201301 (UTTAR PRADESH)	abhinaviitroorkee@gmail.com
229	DELHI	3861/DEL/2015	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 911242806100 Telefax No. 911242806101 E-mail: remfry-sagar@remfry.com patents@remfry.com	patents@remfry.com
230	DELHI	202017022641	28/04/2021 00:00:00	Rahul Bagga, IN/PA-2366, B2 /1050, Spaze iTech Park, Sohna Road, 122002, Gurgaon, Delhi NCR, India (INDIA).	rahulbagga@outlook.com
231	DELHI	201717044439	28/04/2021 00:00:00	De Penning & De Penning 2B, Ground Floor, Solitaire Plaza MG Road Gurgaon 122002	patent@depenning.com

232	DELHI	202117006467	28/04/2021 00:00:00	Singh & Associates, Founder: Manoj K. Singh, Advocates & Solicitors N-30, Malviya Nagar, New Delhi-l10017 Telephone No. 011-46667000 Fax No. 011-46667001 E-mail ID newdelhi@singhassociates.in;	aayush@singhassociates.in,newdelhi@singhassociates.in,ipr@singhassociates.in
233	DELHI	201611018428	28/04/2021 00:00:00	Raman Deep Singh, C/o Rucapillan Legal Services Pvt Ltd, Level 2, KLJ Tower North, B5 District Centre, Netaji Subhash Place, Wazirpur, New Delhi 110034, India.	ramandeep.2dec@gmail.com,tarun@khuranaandkhurana.com,docket@khuranaandkhurana.com,info@khuranaandkhurana.com
234	DELHI	201917049301	28/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com
235	DELHI	202017034815	28/04/2021 00:00:00	S. S. Rana & Co. Advocates, Patent & Trademark Attorneys 317, Lawyers™ Chambers, High Court of Delhi, New Delhi 110003, India Telephone No. 011-4012-3000 Mobile No. 9810154485 Fax No. 011-4012-3010	patents@ssrana.com
236	DELHI	201811034959	28/04/2021 00:00:00	Kalyan Jhabakh, Surana & Surana International Attorneys, International Law Center, No. 61-63, Dr. Radhakrishnan Salai, Mylapore, Chennai 600 004, Tamil Nadu, India	patents.iplaw@lawindia.com,iplaw@lawindia.com
237	DELHI	201817031507	28/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys E-13, UPSIDC, Site-IV, Behind Grand Venice, Kasna Road, Greater Noida 201310, UP, National Capital Region, India.	info@khuranaandkhurana.com
238	DELHI	201817035177	28/04/2021 00:00:00	D.P AHUJA & Co. Postal AddressDLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122 001 NCR, INDIA	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
239	DELHI	202011007613	28/04/2021 00:00:00	Vikas Asawat, Registered Patent Agent & Advocate, 3/183, Ganesh Talab, Basant, Vihar Kota, Rajasthan Pin 324009 India	vsasawat@gmail.com
240	DELHI	202011051064	28/04/2021 00:00:00	P.G.DEPARTMENT OF PHYSICS NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR,HAZRATBAL,SRINAGAR-190006(J&K) INDIA	ssrphy3812@gmail.com
241	DELHI	202017035851	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com
242	DELHI	202018022322	28/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India Mobile Nos.: +91 7042499356	sna@sna-ip.com,docket.sna@gmail.com

243	DELHI	201914043248	28/04/2021 00:00:00	OBHAN & ASSOCIATES N - 94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA	email@obhans.com
244	DELHI	201811010032	28/04/2021 00:00:00	DR. ANUSHRI GUPTA ANUSHRI GUPTA & ASSOCIATES Flat No.409, Block A, Sector 18B Dwarka New Delhi 110078 India	anushri.gupta@angipa.com
245	DELHI	201817039119	28/04/2021 00:00:00	LAKSHMIKUMARAN & SRIDHARAN B6/10, SAFDARJUNG ENCLAVE NEW DELHI 110029, INDIA	iprdel@lakshmisri.com
246	DELHI	201917053294	28/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	joginder@lexorbis.com,mail@lexorbis.com
247	DELHI	201617035006	28/04/2021 00:00:00	ANAND AND ANAND ADVOCATES B-41, NIZAMUDDIN EAST NEW DELHI 110013, INDIA	email@anandandanand.com
248	DELHI	201817032842	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
249	DELHI	202017047413	28/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon-122002, National Capital Region, India. Telephone No. +911244708700 Mobile No. +91 8130055293 Fax No. +911244708760 E-mail ID ipo@knspartners.com	ipo@knspartners.com
250	DELHI	201917007061	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
251	DELHI	201714031523	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	patents@remfry.com,remfry-sagar@remfry.com
252	DELHI	201917043379	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
253	DELHI	202017004862	28/04/2021 00:00:00	P.S. DAVAR & CO. N-220 GREATER KAILASH-1, NEW DELHI 110048 INDIA	psdavar@psdavar.com,patents@psdavar.com
254	DELHI	202014029240	28/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com
255	DELHI	202117006374	28/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon-122002, National Capital Region, India. Telephone No. +911244708700 Mobile No. +91 8130055293 Fax No. +911244708760 E-mail ID ipo@knspartners.com	ipo@knspartners.com
256	DELHI	201917044722	28/04/2021 00:00:00	De Penning & De Penning 2B, Ground Floor, Solitaire Plaza MG Road Gurgaon 122002	patent@depenning.com

257	DELHI	201814015161	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,	patents@remfry.com,remfry-sagar@remfry.com
258	DELHI	202111013605	28/04/2021 00:00:00	5319, St No 6, Malviya Nagar, Bathinda 151001	theakhilsinghal@gmail.com
259	DELHI	202017040129	28/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com
260	DELHI	201917025435	28/04/2021 00:00:00	RAHUL CHAUDHRY & PARTNERS RCY House, Plot No. B-28, Sector-32, Institutional Area, Gurgaon-122 001 (Haryana) India and RCY House, C-235, Defence Colony, New Delhi- 110024, India	mail@rahulchaudhry.com,patents@rahulchaudhry.com
261	DELHI	201917048122	28/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
262	DELHI	201817023828	28/04/2021 00:00:00	D.P AHUJA & Co. Postal Address - DLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122 001 NCR, INDIA	patents@dpahuja.com,PATENTS@DPAHUJA.IN
263	DELHI	201611006177	28/04/2021 00:00:00	DINESH JOTWANI (IN/PA-359) JOTWANI ASSOCIATES 81, NATIONAL PARK, LAJPAT NAGAR-IV NEW DELHI-110024	contact@jotwani.com
264	DELHI	202017048800	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com,patents@remfry.com,remfry-sagar@remfry.com
265	DELHI	201917049995	28/04/2021 00:00:00	OBHAN & ASSOCIATES N 94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI 110017, INDIA	essenese@obhans.com,email@obhans.com
266	DELHI	201717030761	28/04/2021 00:00:00	LALL LAHIRI & SALHOTRA RCY HOUSE Plot No. B 28 Sector 32 Institutional Area Gurgaon 122 001 (Haryana) India	gpo@lls.in,patents@rahulchaudhry.com
267	DELHI	201917019780	28/04/2021 00:00:00	KAN AND KRISHME Attorneys at Law, A-11, Shubham Enclave, Paschim Vihar, New Delhi-110063, India	kankrishmefer@gmail.com,knk@kankrishme.com
268	DELHI	202017046590	28/04/2021 00:00:00	J LAVANYA Wadhwa Law Offices 5th Floor, Tower 4B, DLF Corporate Park, DLF City Phase-3, MG Road, Gurugram, Haryana 122 002, India	patent@walaw.in
269	DELHI	201917018658	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com

270	DELHI	201917022611	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
271	DELHI	202017039181	28/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com
272	DELHI	202018027040	28/04/2021 00:00:00	De Penning & De Penning, 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com
273	DELHI	201711015413	28/04/2021 00:00:00	Dr. Dinesh Kumar Jubilant Generics Limited D-12, Sector-59, Noida-201301, Uttar Pradesh, India.	dinesh.kumar@jubl.com,umesh_zope@jubl.com
274	DELHI	201711027911	28/04/2021 00:00:00	Ideas2IPR, B-115 Chander Nagar, Janak Puri, New Delhi-110058	mail@ideas2ipr.com
275	DELHI	201917036402	29/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	joginder@lexorbis.com,mail@lexorbis.com
276	DELHI	202017000737	29/04/2021 00:00:00	MOHAN VIDHANI & RAHUL VIDHANI Patent Agents IN/PA-203 & 2540 VIDHANI ASSOCIATES 11/12, Upper Ground Floor, West Patel Nagar, New Delhi-110008.	ipr@vidhani.com
277	DELHI	201817035634	29/04/2021 00:00:00	Dubey & Partners - Advocates 601, Tower- A, DLF Towers Plot NO.10-11, DDA District Centre, Jasola, New Delhi- 110044, India	delhi@dubeypartners.com,ipr@dubeypartners.com
278	DELHI	202017025791	29/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
279	DELHI	202017000216	29/04/2021 00:00:00	ALG India Law Offices LLP, A-2, First Floor, Neeti Bagh, New Delhi 110049	ipo.patents@algindia.com
280	DELHI	201814040595	29/04/2021 00:00:00	Masilamani Law Partners B-25, Sector 92, NOIDA, Uttar Pradesh 201304, India	nitin.masilamani@mlpchambers.com
281	DELHI	201914032544	29/04/2021 00:00:00	OBHAN & ASSOCIATES N -94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA	email@obhans.com
282	DELHI	202017016762	29/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556	omana@lexorbis.com
283	DELHI	201617032187	29/04/2021 00:00:00	K & S Partners 515 B Platinum Tower 5th Floor Sohna Road Sector 47 Gurgaon 122002 National Capital Region India	ipo@knspartners.com
284	DELHI	201811001879	29/04/2021 00:00:00	Patentwire Consultants Pvt. Ltd. B-10, Ground Floor, Vishwakarma Colony M.B. Road, New Delhi-110044, India	desk@patentwire.co.in,patentwire@patentwire.co.in

285	DELHI	201911006646	29/04/2021 00:00:00	IPEXCEL SERVICES PVT. LTD. Indiqube Orion, 24th Main Rd, Garden Layout, Sector 2, HSR Layout, Bangalore-560102, Karnataka	filings@ipexcel.com
286	DELHI	201917018820	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
287	DELHI	201817003896	29/04/2021 00:00:00	KHURANA & KHURANA Advocates and IP Attorneys E 13 UPSIDC Site IV Behind Grand Venice Kasna Road Greater Noida 201310 UP National Capital Region India.	info@khuranaandkhurana.com,docket@khuranaandkhurana.com
288	DELHI	201917037506	29/04/2021 00:00:00	LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
289	DELHI	202017035017	29/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India Tel: +91-124-4849700 Fax: +91-124-4849798 / 4849799 Mobile Nos.: +91 7042499356; 9205965311	sna@sna-ip.com
290	DELHI	202017042799	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com
291	DELHI	201917041770	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
292	DELHI	202014013196	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com,email@anandandanand.com
293	DELHI	202017012251	29/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	gaurav.gupta@lakshmisri.com
294	DELHI	202017018380	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com,email@anandandanand.com

295	DELHI	202017037285	29/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg New Delhi - 110 001 India Tel: 91 11 2371 6565 Mobile No. 9811161518 Fax: 91 11 2371 6556	Siddharth@lexorbis.com,mail@lexorbis.com
296	DELHI	201817038643	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	ranjna.dutt@remfry.com,remfry-sagar@remfry.com
297	DELHI	201917049802	29/04/2021 00:00:00	LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM,iprdel@lakshmisri.com
298	DELHI	201617027896	29/04/2021 00:00:00	Anand and Anand Advocates B 41 Nizamuddin East New Delhi 110013 India	email@anandandanand.com
299	DELHI	201717039149	29/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN B6/10 Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
300	DELHI	202017018161	29/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India Tel: +91-120 4633900 (100 Lines) Mobile No.:9821378432 Fax: +91-120 4633999 e-mail: patent@saikrishnaassociates.com	garima@saikrishnaassociates.com
301	DELHI	202017010642	29/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556	omana@lexorbis.com,mail@lexorbis.com
302	DELHI	202017016756	29/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556	omana@lexorbis.com
303	DELHI	201917007312	29/04/2021 00:00:00	De Penning & De Penning 2B, Ground Floor, Solitaire Plaza MG Road Gurgaon 122002	patent@depenning.com
304	DELHI	202017009919	29/04/2021 00:00:00	DHINGRA & SINGH-Attorneys At Law E-103, Basement, Greater Kailash Enclave I, New Delhi, Delhi 110048 (INDIA) Telephone No. +91-011-46528200; Mobile No. 9811639365; E-mail ID mail@dslegal.com; mkumar@dslegal.com	drchandan.ipr@gmail.com
305	DELHI	202017012561	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com
306	DELHI	202011027557	29/04/2021 00:00:00	RNA, IP Attorneys 401-402, 4th Floor, Suncity Success Tower, Sector - 65, Golf Course Extension Road, Gurgaon - 122 005, National Capital Region (Haryana), India	patents@rnaip.com,info@rnaip.com

307	DELHI	201914013885	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
308	DELHI	201917027413	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
309	DELHI	201917029782	29/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 India	joginder@lexorbis.com,mail@lexorbis.com
310	DELHI	201817023012	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	remfry-sagar@remfry.com
311	DELHI	202017004829	29/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	joginder@lexorbis.com,mail@lexorbis.com
312	DELHI	2635/DEL/2015	29/04/2021 00:00:00	Anand & Anand Advocates B-41, Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,anandandanand@vsnl.com
313	DELHI	201817048350	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	ranjna.dutt@remfry.com,remfry-sagar@remfry.com
314	DELHI	201911035019	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	patents@remfry.com,remfry-sagar@remfry.com
315	DELHI	201817037497	29/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon - 122002, National Capital Region, India.	IPO@KNSPARTNERS.COM,ipo@knspartners.com
316	DELHI	201817043170	29/04/2021 00:00:00	KAnalysis Consultant (P.) Ltd KH-368/369, First and Second Floor, Sultanpur, M.G. Road, New Delhi-110030	neha.garg@kanalysisindia.com,docket@kanalysis.com
317	DELHI	202014026582	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com
318	DELHI	202017009157	29/04/2021 00:00:00	LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	gaurav.gupta@lakshmisri.com,iprdel@lakshmisri.com
319	DELHI	201917051026	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India	mahua.ray@remfry.com,remfry-sagar@remfry.com
320	DELHI	201917051803	29/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com
321	DELHI	201917015054	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
322	DELHI	201817035441	29/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon 122002, India	IPO@KNSPARTNERS.COM,ipo@knspartners.com

323	DELHI	201714042176	29/04/2021 00:00:00	GROSER & GROSER, Patent and Trade Mark Attorneys, of D - 1/5 DLF Qutab Enclave, Phase I, Gurgaon, INDIA. Telephone No. 0124 - 4660500 Fax No. 0124 4222364 and 4222365 Mobile No. 9811282273 E-mail. kevin@groserandgroser.com	kevin@groserandgroser.com
324	DELHI	201717042632	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys at Law Remfry House Millennium Plaza Sector 27 Gurgaon 122 009 India. Telephone No. 91 124 280 6100 Telefax No. 91 124 280 6101 E mail: remfry sagar@remfry.com patents@remfry.com	remfry-sagar@remfry.com
325	DELHI	202017030859	29/04/2021 00:00:00	KAN AND KRISHME Attorneys at law, A-11, KNK House, Shubham Enclave, Paschim Vihar, New Delhi-110063, India.	kankrishmefer@gmail.com,knk@kankrishme.com
326	DELHI	201817009404	29/04/2021 00:00:00	KAN AND KRISHME Attorneys at Law A 11 Shubham Enclave Paschim Vihar New Delhi 110063 India	knk@kankrishme.com
327	DELHI	201811004765	29/04/2021 00:00:00	MISHRA JAI PRAKASH PCPGR BUILDING, G.B PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY, PANTNAGAR DISTT.-UDHAM SINGH NAGAR, UTTARAKHAND-263145.	jpmishra.jpm@gmail.com
328	DELHI	202017000425	29/04/2021 00:00:00	Rahul Bagga, IN/PA-2366, B2 /1050, Spaze iTech Park, Sohna Road, 122002, Gurgaon, Delhi NCR, India	rahulbagga@outlook.com,patent@adastraip.com
329	DELHI	202017007959	29/04/2021 00:00:00	OBHAN & ASSOCIATES N 94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI 110017, INDIA Telephone No. +91 011 40200200 Mobile No. +91 9899601443 Fax. No. +91 011 40200299	essenese@obhans.com
330	DELHI	201817039996	29/04/2021 00:00:00	Level 5, Caddie Commercial Tower, Hospitality District, Aerocity, IGI Airport, New Delhi 110 037 India	nalandasingh.main@gmail.com,ID.nalandasingh.main@gmail.com
331	DELHI	201917031299	29/04/2021 00:00:00	KAN AND KRISHME Attorneys at law, A-11, KNK House, Shubham Enclave, Paschim Vihar, New Delhi-110063, India.	kankrishmefer@gmail.com,knk@kankrishme.com
332	DELHI	201917031438	29/04/2021 00:00:00	LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
333	DELHI	201817026756	29/04/2021 00:00:00	ANUATION 4th & 5th Floor, WZ 113/4, Meenakshi Garden, Tilak Nagar, New Delhi - 110018, INDIA	info@anuation.com,vishal.bhardwaj@anuation.com
334	DELHI	201714013180	29/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com,malathi.l@lakshmisri.com

335	DELHI	201814004773	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	patents@remfry.com,remfry-sagar@remfry.com
336	DELHI	201918018052	29/04/2021 00:00:00	RAHUL CHAUDHRY & PARTNERS RCY House, Plot No. B-28, Sector-32, Institutional Area, Gurgaon-122 001 (Haryana) India	patents@rahulchaudhry.com,mail@rahulchaudhry.com
337	DELHI	201917016299	29/04/2021 00:00:00	CIP LEGIT Intellectual Property Counsels 8-306, Dharampura, Bahadurgarh 124 507, Haryana, India	services@ciplegit.com
338	DELHI	202014014602	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
339	DELHI	202017010644	29/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556	omana@lexorbis.com
340	DELHI	202017029949	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com
341	DELHI	202017032150	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com,email@anandandanand.com
342	DELHI	201917028733	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
343	DELHI	201917053563	29/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida- 201301, Uttar Pradesh, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com
344	DELHI	201914007269	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	patents@remfry.com,remfry-sagar@remfry.com
345	DELHI	201814033730	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	patents@remfry.com,remfry-sagar@remfry.com
346	DELHI	1742/DEL/2014	29/04/2021 00:00:00	C/O LUTHRA & LUTHRA LAW OFFICES 103 ASHOKA ESTATE BARAKHAMBA ROAD NEW DELHI-110 001	delhi@luthra.com

347	DELHI	201914025232	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
348	DELHI	202017036762	29/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM
349	DELHI	201917048908	29/04/2021 00:00:00	KAN AND KRISHME Attorneys at Law, A-11, Shubham Enclave, Paschim Vihar, New Delhi-110063, India	kankrishmefer@gmail.com,knk@kankrishme.com
350	DELHI	201917011562	29/04/2021 00:00:00	Hans Registration Co. E-617; Street No. 11 & 12; West Vinod Nagar; New Delhi 110092; India	info@hansregistration.com
351	DELHI	201917032149	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
352	DELHI	201917030747	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
353	DELHI	201917050482	29/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	joginder@lexorbis.com,mail@lexorbis.com
354	DELHI	202017015180	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com
355	DELHI	201911011079	29/04/2021 00:00:00	DR. KALPANA CHAUHAN VILLAGE- ALINAGAR, POST-GIRORA, DISTT-BULANDSHAHR, UP.-203405, INDIA	kal_2312@rediffmail.com
356	DELHI	201817010586	29/04/2021 00:00:00	K And S PARTNERS 515 B Platinum Tower 5th Floor Sohna Road Sector 47 Gurgaon 122002 National Capital Region India	ipo@knspartners.com
357	DELHI	201817025978	29/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon 122002, National Capital Region, India	ipo@knspartners.com
358	DELHI	201914035287	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
359	DELHI	201917003023	29/04/2021 00:00:00	RAHUL CHAUDHRY & PARTNERS Plot No. B-28, Sector-32, Institutional Area, Gurgaon-122 001 (Haryana) India	mail@rahulchaudhry.com,patents@rahulchaudhry.com
360	DELHI	201717001643	29/04/2021 00:00:00	REMFRY & SAGAR ATTORNEYS-AT-LAW REMFRY HOUSE MILLENNIUM PLAZA SECTOR 27, GURGAON 122 009, INDIA.	remfry-sagar@remfry.com

361	DELHI	201614010137	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	patents@remfry.com
362	DELHI	201614020290	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	patents@remfry.com,remfry-sagar@remfry.com
363	DELHI	201917006388	29/04/2021 00:00:00	D.P AHUJA & Co. Postal Address DLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122 001 NCR, INDIA	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
364	DELHI	201917033148	29/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
365	DELHI	202017014883	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com
366	DELHI	201617035832	29/04/2021 00:00:00	K & S Partners 515 B Platinum Tower 5th Floor Sohna Road Sector 47 Gurgaon 122002 National Capital Region India	ipo@knspartners.com
367	DELHI	201717030139	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys at Law Remfry House Millennium Plaza Sector 27 Gurgaon 122009	remfry-sagar@remfry.com
368	DELHI	202017041281	29/04/2021 00:00:00	LEX IP CARE LLP, 212, B Block, Unitech Business Zone, Nirvana Country, Sector-50, Gurgaon - 122018, Haryana, INDIA Telephone No. 0124-4252014 Mobile No. +91-9650501331 Fax No. 0124-4205821	maria@lexipcare.com
369	DELHI	201917015037	29/04/2021 00:00:00	Sai & Mehta G-23/186, Sector-7 Rohini, New Delhi-110085 India	nishidh41@gmail.com,office@saiandmehta.com
370	DELHI	201817048690	29/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	rahul@lexorbis.com,mail@lexorbis.com
371	DELHI	201911034517	29/04/2021 00:00:00	Masilamani Law Partners B-25, Sector 92, NOIDA, Uttar Pradesh 201304, India	nitin.masilamani@mlpchambers.com
372	DELHI	201717038012	29/04/2021 00:00:00	PERFEXIO LEGAL Attorneys At Law 9655 Sector C Pocket 9 Vasant Kunj New Delhi 110 070 India	mail@perfexiolegal.com
373	DELHI	202017016236	29/04/2021 00:00:00	CIP LEGIT Intellectual Property Counsels 8-306, Dharampura, Bahadurgarh 124 507, Haryana, India	services@ciplegit.com

374	DELHI	201917045409	29/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon - 122002, National Capital Region, India	IPO@KNSPARTNERS.COM,ipo@knspartners.com
375	DELHI	201917046009	29/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM,iprdel@lakshmisri.com
376	DELHI	201917054195	29/04/2021 00:00:00	OBHAN & ASSOCIATES N 94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI 110017, INDIA	essenese@obhans.com,email@obhans.com
377	DELHI	202017014926	29/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi - 110 001 Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556	omana@lexorbis.com
378	DELHI	202017028716	30/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556	Siddharth@lexorbis.com
379	DELHI	201911005811	30/04/2021 00:00:00	HARPREET SINGH C/O AMARJIT SINGH ADESH NAGAR, STREET NO 2, OPPOSITE PEOPLE PETROL PUMP, KKP ROAD, SRI MUKTSAR SAHIB (TEH. AND DISTT.) PUNJAB-152026, INDIA	akalharpreet@gmail.com,1991.charanpreet@gmail.com
380	DELHI	201917032365	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
381	DELHI	201614024524	30/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
382	DELHI	201811047172	30/04/2021 00:00:00	Masilamani Law Partners B-25, Sector 92, NOIDA, Uttar Pradesh 201304, India	nitin.masilamani@mlpchambers.com
383	DELHI	202017011003	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM
384	DELHI	201917000419	30/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India	sna@sna-ip.com,docket.sna@gmail.com
385	DELHI	201917038727	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
386	DELHI	201717044550	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515 B Platinum Tower 5th Floor Sohna Road Sector 47 Gurgaon 122002 National Capital Region India.	ipo@knspartners.com
387	DELHI	201917006152	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com

388	DELHI	201917042174	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
389	DELHI	201917047201	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
390	DELHI	201717042516	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN B6/10 Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
391	DELHI	201717046527	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN B6/10 Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
392	DELHI	202117007535	30/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India Tel: +91-124-4849700 Fax: +91-124-4849798 / 4849799 Mobile Nos.: +91 7042499356; 9205965311	sna@sna-ip.com
393	DELHI	201714017166	30/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email @anandandanand.com
394	DELHI	202017017168	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM
395	DELHI	1357/DEL/2015	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	patents@remfry.com,remfry-sagar@remfry.com
396	DELHI	201917037394	30/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com
397	DELHI	201817042275	30/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	rahul@lexorbis.com,mail@lexorbis.com
398	DELHI	202117007655	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmiri.com
399	DELHI	202017055929	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon - 122002, National Capital Region, India Telephone No. 911244708700 Mobile No. +91 8130055293 Fax No. +911244708760 E-mail ID ipo@knspartners.com	ipo@knspartners.com
400	DELHI	202018005233	30/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India	sna@sna-ip.com,docket.sna@gmail.com
401	DELHI	202018009374	30/04/2021 00:00:00	LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com

402	DELHI	201811039471	30/04/2021 00:00:00	Vikas Asawat, Registered Patent Agent & Advocate, 3/183, Ganesh Talab, Basant, Vihar Kota, Rajasthan Pin 324009 India	vsasawat@gmail.com,vsasawat@yahoo.co.in
403	DELHI	201917049112	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
404	DELHI	201917026416	30/04/2021 00:00:00	GROSER & GROSER, Patent and Trade Mark Attorneys, of D - 1/5 DLF Qutab Enclave, Phase I, Gurgaon, INDIA.	kevin@groserandgroser.com
405	DELHI	201817033263	30/04/2021 00:00:00	K & S PARTNERS 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon - 122002, National Capital Region, India	ipo@knspartners.com
406	DELHI	201917008779	30/04/2021 00:00:00	D.P AHUJA & Co. Postal Address DLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122 001 NCR, INDIA	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
407	DELHI	201717019189	30/04/2021 00:00:00	LAKSHMI KUMARAN & SRIDHARAN B6/10 Safdarjung Enclave New Delhi 110029,India	iprdel@lakshmisri.com
408	DELHI	201917043269	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
409	DELHI	201917023751	30/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	joginder@lexorbis.com,mail@lexorbis.com
410	DELHI	201817033450	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon - 122002, National Capital Region, India	ipo@knspartners.com
411	DELHI	201717039109	30/04/2021 00:00:00	Anand & Anand Advocates B 41 Nizamuddin East New Delhi 110013 India E mail: email@anandandanand.com archana@anandandanand.com; Mobile No: +91 9717990240	email@anandandanand.com
412	DELHI	201717043267	30/04/2021 00:00:00	LEX IP CARE 212 B Block Unitech Business Zone Nirvana Country Sector 50 Gurgaon 122018 Haryana INDIA T: 0124 4252014 M: +91 8527735388	maria@lexipcare.com,calab@lexipcare.com
413	DELHI	202117005716	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House at Millennium Plaza, Sector 27 Gurgaon 122 009, India.	remfry-sagar@remfry.com
414	DELHI	202017042962	30/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com

415	DELHI	202011010990	30/04/2021 00:00:00	70/58, Patel Marg, Mansarovar, Jaipur, Rajasthan, India 302020	ipr.pkumar@gmail.com
416	DELHI	202017038500	30/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India Tel: +91-124-4849700 Fax: +91-124-4849798 / 4849799 Mobile Nos.: +91 7042499356; 9205965311	sna@sna-ip.com
417	DELHI	202018003199	30/04/2021 00:00:00	Shardul Amarchand Mangaldas & Co. Advocates & Solicitors Amarchand Towers 216, Okhla Industrial Estate, Phase-III, New Delhi-110020, India	dev.robinson@amsshardul.com
418	DELHI	201917028889	30/04/2021 00:00:00	IPR INTERNATIONAL SERVICES Block No. 8, Building No. 2, Ground Floor, Rajinder Nagar, New Delhi-110060, INDIA	docketing@ipr.in
419	DELHI	201917024968	30/04/2021 00:00:00	KAN AND KRISHME Attorneys at Law, B-483, KNK House, Meera Bagh, Paschim Vihar, New Delhi-110063, India	kankrishmefer@gmail.com,knk@kankrishme.com
420	DELHI	202011031009	30/04/2021 00:00:00	ENNOBLE IP, B-17, FIRST FLOOR, SECTOR 6, NOIDA-201301 (UP), INDIA.	ipec@ennobleip.com
421	DELHI	202017008405	30/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com
422	DELHI	202017035609	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM
423	DELHI	201817019534	30/04/2021 00:00:00	ALG India Law Offices LLP A-2, First Floor, Neeti Bagh, New Delhi 110049 India	patents@algindia.com,ipo.patents@algindia.com
424	DELHI	201817043544	30/04/2021 00:00:00	Name D.P AHUJA & Co. Postal Address DLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122 001 NCR, INDIA	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
425	DELHI	202117002855	30/04/2021 00:00:00	RAHUL CHAUDHRY & PARTNERS RCY House, C-235, Defence Colony, New Delhi- 110024, India and RCY House, Plot No. B-28, Sector-32, Institutional Area, Gurgaon-122 001 (Haryana) India	patents@rahulchaudhry.com
426	DELHI	201917006798	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road Sector 47, Gurgaon 122002	IPO@KNSPARTNERS.COM,ipo@knspartners.com

427	DELHI	201917010481	30/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
428	DELHI	201914035283	30/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
429	DELHI	202014035771	30/04/2021 00:00:00	KAN AND KRISHME Attorneys at law, A-11, KNK House, Shubham Enclave, Paschim Vihar, New Delhi-110063, India.	knk@kankrishme.com,ip.status@kankrishme.com
430	DELHI	201917049697	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
431	DELHI	201918028996	30/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
432	DELHI	201917016632	30/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India	sna@sna-ip.com
433	DELHI	202011004554	30/04/2021 00:00:00	AKSH IP ASSOCIATES Flat No-133, Kautilya apartments, Sector 14, Dwarka, New Delhi 110078	ipr@akshipassociates.com,deservingmonika24@gmail.com
434	DELHI	202017016880	30/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi - 110 001 Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556	omana@lexorbis.com
435	DELHI	202017024953	30/04/2021 00:00:00	India IP Partner WZ 113A, Top Floor, Near Subhash Nagar Metro, New Delhi - 110018, INDIA Tel.: +91 95996 69100 Email: vb@indiaippartner.com	pujakr@gmail.com
436	DELHI	202017029900	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com
437	DELHI	202017009266	30/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	omana@lexorbis.com,mail@lexorbis.com
438	DELHI	201917002374	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys, 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon 122002, National Capital Region, India	IPO@KNSPARTNERS.COM,ipo@knspartners.com
439	DELHI	201917017314	30/04/2021 00:00:00	Shardul Amarchand Mangaldas & Co. Amarchand Towers 216, Okhla Industrial Estate, Phase-III, New Delhi-110020, India	dev.robinson@AMSShardul.com,dev.robinson@amsshardul.com
440	DELHI	201817010543	30/04/2021 00:00:00	GROVERLAW ADVOCATES H 36 GREEN PARK EXTENSION NEW DELHI 110 016 INDIA	vivek.dahiya@groverlaw.in

441	DELHI	201917013673	30/04/2021 00:00:00	Bhatnagar & Associates Patent, Design & Trademark Attorneys 161, Vigyan Vihar Delhi - 110092 India	bhatnagarmp@yahoo.com,bhatnagar_associates@yahoo.com
442	DELHI	202014018203	30/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556	mail@lexorbis.com,manisha@lexorbis.com
443	DELHI	201817042213	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	ranjna.dutt@remfry.com,remfry-sagar@remfry.com
444	DELHI	201714038064	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com,malathi.l@lakshmisri.com
445	DELHI	201817033428	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon 122002, National Capital Region, India	ipo@knspartners.com,lnchinta.ipo@nic.in
446	DELHI	202117000104	30/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg New Delhi - 110 001 India Tel: 91 11 2371 6565 Mobile No. 9811161518 Fax: 91 11 2371 6556	Siddharth@lexorbis.com
447	DELHI	201817047252	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
448	DELHI	201817049833	30/04/2021 00:00:00	N -94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA	email@obhans.com
449	DELHI	201817015066	30/04/2021 00:00:00	REMFRY And SAGAR Attorneys at Law Remfry House Millennium Plaza Sector 27 Gurgaon 122 009 patents@remfry.com	remfry-sagar@remfry.com,patents@remfry.com
450	DELHI	201717015133	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys- at-Law, Remfry House, Millennium Plaza, Sector 27, Gurgaon-122009	remfry-sagar@remfry.com
451	DELHI	202017023225	30/04/2021 00:00:00	OBHAN & ASSOCIATES N -94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA Telephone No. +91 (011) 40200200 Mobile No. +91 9899601443 Fax. No. +91 011 40200299	essenese@obhans.com
452	DELHI	202017029395	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. - Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com
453	DELHI	201917044830	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009,India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
454	DELHI	202017033740	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM

455	DELHI	202017017382	30/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India Tel: +91-120 4633900 (100 Lines) Mobile No.:9821378432 Fax: +91-120 4633999 e-mail: patent@saikrishnaassociates.com	garima@saikrishnaassociates.com
456	DELHI	201917022903	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
457	DELHI	201911038765	30/04/2021 00:00:00	Name M/s. ipMetrix Consulting Group Postal Address No. 84, 1st Floor, 4th Cross, Panduranga Nagar, Bannerghatta Road, Bangalore - 560076	patent@ipmetrix.com
458	DELHI	201914023320	30/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
459	DELHI	201717044218	30/04/2021 00:00:00	Rohit Singh Abu Ghazaleh Intellectual Property TMP Agents India Pvt. Ltd. 3rd Floor H L Arcade Above Axis Bank Plot No. 14 Sector V (MLU) Dwarka New Delhi 110075 India	india@agip.com,rosingh@agip.com,arohra@agip.com
460	DELHI	3524/DEL/2015	30/04/2021 00:00:00	Ms. Kompal Bansal (Patent Agent No. IN/PA/1754) For Corporate Consultants # 5568, Sector 38 West , Chandigarh -160014	consultants.corporate@gmail.com,ipec@ennobleip.com
461	DELHI	202017030528	30/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India Tel: +91-124-4849700 Fax: +91-124-4849798 / 4849799 Mobile Nos.: +91 7042499356; 9205965311	sna@sna-ip.com
462	DELHI	201917043798	30/04/2021 00:00:00	RAHUL CHAUDHRY & PARTNERS RCY House, Plot No. B-28, Sector-32, Institutional Area, Gurgaon-122 001 (Haryana) India and RCY House, C-235, Defence Colony, New Delhi- 110024, India	mail@rahulchaudhry.com,patents@rahulchaudhry.com
463	DELHI	201917048661	30/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	joginder@lexorbis.com,mail@lexorbis.com
464	DELHI	201817042573	30/04/2021 00:00:00	Level 5, Caddie Commercial Tower, Hospitality District, Aerocity, IGI Airport, New Delhi 110 037 Telephone No. 011-66544999 Mobile No. +91-9810475229 Fax No. 011-66544966 E-mail ID. nalandasingh.main@gmail.com	nalandasingh.main@gmail.com,nalandasinigh.main@gmail.com
465	DELHI	201914009755	30/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India	patent@saikrishnaassociates.com

466	DELHI	201917016149	30/04/2021 00:00:00	L. S. DAVAR & CO., Patent and Trademarks Attorney, 5/1, (First Floor), Kalkaji Extension, New Delhi-110 019. India	MAILSDELHI@LSDAVAR.IN,delhi@lsdavar.in
467	DELHI	202017029148	30/04/2021 00:00:00	Shardul Amarchand Mangaldas & Co. Amarchand Towers 216, Okhla Industrial Estate, Phase-III, New Delhi-110020, India Tel: (91) (11) 41590700 / 40606060, 41000541 Fax: (91) (11) 26924900 Mobile: 91 98100 10435	dev.robinson@AMSShardul.com
468	DELHI	202017043695	30/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com
469	DELHI	201917015494	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM,iprdel@lakshmisri.com
470	DELHI	201711000370	30/04/2021 00:00:00	CHADHA & CHADHA, Advocates, F-46, HIMALAYA HOUSE, 23 KASTURBA GANDHI MARG, NEW DELHI-110001, INDIA.	info@iprattorneys.com,patents@iprattorneys.com
471	DELHI	202017019618	30/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India Tel: +91-120 4633900 (100 Lines) Mobile No.:9821378432 Fax: +91-120 4633999 e-mail: patent@saikrishnaassociates.com	garima@saikrishnaassociates.com
472	DELHI	202017004288	30/04/2021 00:00:00	P.S. DAVAR & CO. N-220 GREATER KAILASH-1, NEW DELHI 110048 INDIA	psdavar@psdavar.com
473	DELHI	201917037123	30/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com
474	DELHI	201917038659	30/04/2021 00:00:00	KAN AND KRISHME Attorneys at Law, A-11, Shubham Enclave, Paschim Vihar, New Delhi-110063, India	kankrishmefer@gmail.com,knk@kankrishme.com
475	DELHI	202018003263	30/04/2021 00:00:00	Shardul Amarchand Mangaldas & Co. Advocates & Solicitors Amarchand Towers 216, Okhla Industrial Estate, Phase-III, New Delhi-110020, India	dev.robinson@amsshardul.com
476	DELHI	202017041737	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM
477	DELHI	202111016928	30/04/2021 00:00:00	T21/1602, PARAS TIEREA, SECTOR 137, NOIDA 201301	info@lexgin.com
478	DELHI	202017019350	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM

479	DELHI	202014014274	30/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India Phone No: 0091-11-24355076, 91-120-4059300 Fax No: 0091-11-24354243, 91-120-4243056-58 E-mail: email@anandandanand.com, archana@anandandanand.com; Mobile No: +91 9717990240	archana@anandandanand.com,email@anandandanand.com
480	DELHI	201917034754	30/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
481	DELHI	201917032435	30/04/2021 00:00:00	MOHAMMAD YUNUS	vishal@valuoo-legal.com,sanaullah@analystip.com
482	DELHI	201917042372	30/04/2021 00:00:00	Shardul Amarchand Mangaldas & Co. Amarchand Towers 216, Okhla Industrial Estate, Phase-III, New Delhi-110020, India	dev.robinson@AMSShardul.com,dev.robinson@amsshardul.com
483	DELHI	201917049238	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	IPRDEL@LAKSHMISRI.COM,iprdel@lakshmisri.com
484	DELHI	202017000320	30/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com
485	DELHI	202018018702	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza, Sector 27, Gurgaon 122 009, India	remfry-sagar@remfry.com
486	DELHI	201917009029	30/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India	sna@sna-ip.com,docket.sna@gmail.com
487	DELHI	202014011967	30/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India Tel: +91-120 4633900 (100 Lines) Mobile No.:9821378432 Fax: +91-120 4633999	patent@saikrishnaassociates.com,garima@saikrishnaassociates.com
488	DELHI	201717038373	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515 B Platinum Tower 5th Floor Sohna Road Sector 47 Gurgaon 122002 National Capital Region India	ipo@knspartners.com
489	DELHI	202017014833	30/04/2021 00:00:00	KAN AND KRISHME A-11, KNK House, Shubham Enclave, Paschim Vihar, New Delhi-110063, India.	kankrishmefer@gmail.com,knk@kankrishme.com
490	DELHI	201917029738	30/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001 India	joginder@lexorbis.com,mail@lexorbis.com
491	DELHI	201917002568	30/04/2021 00:00:00	Pocket 40, House No. 57, II Floor, Chittaranjan Park, New Delhi 110019. India	veeraplus@gmail.com,Madhu@mrtechnollect.com
492	DELHI	201917044689	30/04/2021 00:00:00	LEX IP CARE LLP 212, B Block, Unitech Business Zone, Nirvana Country, Sector-50, Gurgaon - 122018, Haryana, INDIA	maria@lexipcare.com,chitra@lexipcare.com,calab@lexipcare.com

493	DELHI	3862/DEL/2014	30/04/2021 00:00:00	DR. INDRANI GHOSH SPS(CONTROLLING OFFICER), IPU, CSIR, NISCAIR BUILDING, 14, SATSANG VIHAR MARG, NEW DELHI-110 067, INDIA	csirfer.ipu@niscair.res.in,head.ipu@niscair.res.in
494	DELHI	201917053487	30/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	joginder@lexorbis.com,mail@lexorbis.com
495	DELHI	201917014019	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road, Sector 47, Gurgaon - 122002, National Capital Region, India.	IPO@KNSPARTNERS.COM,ipo@knspartners.com
496	DELHI	201917045688	30/04/2021 00:00:00	OBHAN & ASSOCIATES, N 94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI 110017, INDIA	essenese@obhans.com,email@obhans.com
497	DELHI	201917027600	30/04/2021 00:00:00	VUTTS & ASSOCIATES LLP, Advocates, No. 704, The Castle, Plot 36-A, Sector 56, Gurugram 122011 Haryana, INDIA	PRABHAKAR@VUTTS.COM,email@vutts.com
498	DELHI	201817001929	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys at Law Remfry House Millennium Plaza Sector 27 Gurgaon 122 009 India.	remfry-sagar@remfry.com
499	DELHI	201918028997	30/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com,email@anandandanand.com
500	DELHI	201917032991	30/04/2021 00:00:00	LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
501	DELHI	201814031377	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
502	DELHI	201814040910	30/04/2021 00:00:00	OBHAN & ASSOCIATES N -94, SECOND FLOOR, PANCHSHILA PARK, NEW DELHI-110017, INDIA	email@obhans.com
503	DELHI	201911021833	30/04/2021 00:00:00	The Director, ICAR-Central Institute of Post-harvest Engineering & Technology (CIPHET), PAU (PO), Ludhiana 141 004, Punjab	ciphet.icar@gmail.com,ciphetludhiana1989@gmail.com
504	DELHI	201917047686	30/04/2021 00:00:00	VUTTS & ASSOCIATES LLP, Advocates, No. 704, The Castle, Plot 36-A, Sector 56, Gurugram 122011 Haryana, INDIA	PRABHAKAR@VUTTS.COM,email@vutts.com
505	DELHI	201611010990	30/04/2021 00:00:00	MR. B.L. ARYA REGISTRAR AMITY UNIVERSITY UTTAR PRADESH SECTOR 125, NOIDA-201313, INDIA	registrar@amity.edu
506	DELHI	201617038131	30/04/2021 00:00:00	Remfry House Millenium Plaza Sec 27	remfry-sagar@remfry.com
507	DELHI	201917051634	30/04/2021 00:00:00	LAKSHMI KUMARAN & SRIDHARAN, B6/10, Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com

508	DELHI	202017007953	30/04/2021 00:00:00	MOHAN VIDHANI & RAHUL VIDHANI Patent Agents IN/PA-203 & 2540 VIDHANI ASSOCIATES 11/12, Upper Ground Floor, West Patel Nagar, New Delhi-110008. Tel. No. 011-45051551 Fax No. 011-25884140, 25884588 Mobile No. 09811545888 E-mails: ipr@vidhani.com patent@vidhani.com	ipr@vidhani.com
509	DELHI	201817007000	30/04/2021 00:00:00	c/o Lall & Sethi D 17 South Extension II New Delhi 110 049 India	info@indiaip.com,akhanna@indiaip.com
510	DELHI	201817025754	30/04/2021 00:00:00	RAHUL CHAUDHRY & PARTNERS RCY House, C-235, Defence Colony, New Delhi- 110024, India	patents@rahulchaudhry.com
511	DELHI	201917007380	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 515-B, Platinum Tower, 5th Floor, Sohna Road Sector 47, Gurgaon 122002	IPO@KNSPARTNERS.COM,ipo@knspartners.com
512	DELHI	201917052970	30/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida- 201301, Uttar Pradesh, India	garima@saikrishnaassociates.com,patent@saikrishnaassociates.com
513	DELHI	202017036486	30/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida- 201301, Uttar Pradesh, India (+91) (120) 4633900 (100 Lines) 9821378432 (+91) (120) 4633999	garima@saikrishnaassociates.com
514	DELHI	201717041927	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN B6/10 Safdarjung Enclave New Delhi 110029 India	iprdel@lakshmisri.com
515	DELHI	202017020730	01/05/2021 00:00:00	Ideas2IPR B-115 Chander Nagar, Janak Puri, New Delhi-110058.	mail@ideas2ipr.com
516	DELHI	202014009132	01/05/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	remfry-sagar@remfry.com,info@anovip.com,patents@remfry.com
517	DELHI	201917044069	01/05/2021 00:00:00	KAN AND KRISHME Attorneys at Law, A-11, Shubham Enclave, Paschim Vihar, New Delhi-110063, India	kankrishmefer@gmail.com,knk@kankrishme.com
518	DELHI	201917009443	01/05/2021 00:00:00	D.P AHUJA & Co. DLF STAR TOWER, OFFICE NO. 510, SECTOR-30, GURGAON 122 001 NCR, INDIA	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
519	DELHI	201817048379	01/05/2021 00:00:00	RAHUL CHAUDHRY & PARTNERS RCY House, C-235, Defence Colony, New Delhi- 110024, India	mail@rahulchaudhry.com
520	DELHI	201917004070	01/05/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India.	r.mahesh@remfry.com,remfry-sagar@remfry.com

521	DELHI	201917054430	01/05/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India	mahua.ray@remfry.com,remfry-sagar@remfry.com
522	DELHI	202014029430	01/05/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	archana@anandandanand.com
523	DELHI	202017007293	01/05/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law Remfry House Millennium Plaza Sector 27, Gurgaon 122 009, India. Telephone No. 91-124-280-6100 Telefax No. 91-124-280 6101 E-mail: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com,remfry-sagar@remfry.com,patents@remfry.com

WEEKLY ISSUED FER (MUMBAI)

SNO	LOCATION	APPLICATION NUMBER	FER DATE	ADDRESS FOR SERVICE	EMAIL
1	MUMBAI	201621014718	25/04/2021 00:00:00	MR. ANWAR WALI GUTTI FLAT NO.3, PREMIER APARTMENT, BHOIR COLONY, CHINCHWAD, PUNE-411033, MAHARASHTRA, INDIA.	anwargutti@gmail.com
2	MUMBAI	202021050673	25/04/2021 00:00:00	PSP-IP & ASSOCIATES 10, Gr. Floor, Bank of Baroda, Commercial Complex, Sector 28, Nigadi, PUNE, Maharashtra, INDIA	director@psp-ipassociates.com,director@pspipassociates.com,sjgawande@gmail.com,ashutosh@bliconsultancy.co.in
3	MUMBAI	201927036744	25/04/2021 00:00:00	PLOT No. 12, THANE BELAPUR ROAD, TURBHE, NAVI MUMBAI-400705, MAHARASHTRA, INDIA Mobile no.: +91 7506335637	indian.filing@basf.com
4	MUMBAI	202121000035	25/04/2021 00:00:00	BLI Consultancy Pvt. Ltd. R9, Eknath Puram, Amravati, Maharashtra, Pin 444607, India.	infobli100@gmail.com,sjgawande@gmail.com
5	MUMBAI	202021000458	26/04/2021 00:00:00	DR. VISHWANATH VITHAL BHOSALE, D.Y. PATIL EDUCATION SOCIETY (DEEMED TO BE UNIVERSITY),KOLHAPUR - 416 006, MAHARASHTRA, INDIA.	info@dypatilkolhapur.org
6	MUMBAI	201821025418	26/04/2021 00:00:00	Legasis Partners, B-105, ICC Trade Tower, Senapati Bapat Road, Pune - 411016, Maharashtra, India	ip@legasis.in
7	MUMBAI	201827024914	26/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	info@iprattorneys.com
8	MUMBAI	201928042256	26/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai-400079, India Telephone No. + 912249149700 Mobile No. +91 8130055293 Fax No. + 912249149701 E-mail ID ipo@knspartners.com	ipo@knspartners.com
9	MUMBAI	201621042662	26/04/2021 00:00:00	Khaitan & Co One Indiabulls Centre, 13th Floor 841 Senapati Bapat Marg Elphinstone Road Mumbai 400 013, Maharashtra, India	adheesh.nargolkar@khaitanco.com,mumpat@khaitanco.com,kcopatents@khaitanco.com
10	MUMBAI	201621030719	26/04/2021 00:00:00	R.K.Dewan & Co. Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001	dewan@rkdewanmail.com
11	MUMBAI	201921040375	26/04/2021 00:00:00	R.K.DEWAN & CO. PODAR CHAMBERS, S A. BRELVI ROAD, FORT, MUMBAI 400001 MAHARASHTRA INDIA	dewan@rkdewanmail.com,helpdesk@rkdewanmail.com

12	MUMBAI	201827044350	26/04/2021 00:00:00	K & S PARTNERS C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai-400079, India Telephone No. + 912249149700/ 727/ 777 Mobile No. +91 8130055293 Fax No. + 912249149701 E-mail ID ipo@knspartners.com	ipo@knspartners.com
13	MUMBAI	202027001035	26/04/2021 00:00:00	R.K.DEWAN & CO. PODAR CHAMBERS, S A. BRELVI ROAD, FORT, MUMBAI 400001 MAHARASHTRA INDIA	dewan@rkdewanmail.com
14	MUMBAI	201927041023	26/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society Navrangpura, Ahmedabad 380009 INDIA	hkpatent@hkindia.com,info@hkindia.com
15	MUMBAI	4387/MUM/2015	26/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys E-13, UPSIDC, Site-IV, Behind-Grand Venice, Kasna Road, Greater Noida 201310, UP, National Capital Region, India.	docket@khuranaandkhurana.com
16	MUMBAI	202027026575	26/04/2021 00:00:00	CHADHA & CHADHA IP, Regus Platina Level 9, G Block, Plot C-59 Bandra Kurla Complex, Bandra (E), Mumbai- 400 051, India.	info@candcip.in
17	MUMBAI	201921017190	26/04/2021 00:00:00	Khaitan & Co One Indiabulls Centre, 13th Floor 841, Senapati Bapat Marg, Elphinstone Road Mumbai 400013, Maharashtra, India	kcopatents@khaitanco.com,adheesh.nargolkar@khaitanco.com
18	MUMBAI	201927040578	26/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society Navrangpura, Ahmedabad 380009 INDIA	hkpatent@hkindia.com,info@hkindia.com
19	MUMBAI	3780/MUM/2014	26/04/2021 00:00:00	BHATE & PONKSHE 12, Venumadhav Apts., 104/7, Off Lane No. 14, Prabhat Road, Pune- 411 004. INDIA.	pwange@bhateponkshe.com,ipr@bhateponkshe.com
20	MUMBAI	201921039060	26/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001	mail@lexorbis.com,manisha@lexorbis.com
21	MUMBAI	201927001724	26/04/2021 00:00:00	K & S PARTNERS C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai -400079, India Telephone No. + 91 (22) 49149700/ 727/ 777 Mobile No. +91 8130055293 Fax No. + 91 (22) 49149701 E-mail ID ipo@knspartners.com	ipo@knspartners.com
22	MUMBAI	201827003693	26/04/2021 00:00:00	Legasis Partners B 105 ICC Trade Towers Senapati Bapat Road Pune 411016 Maharashtra India	ip@legasis.in

23	MUMBAI	201621019474	26/04/2021 00:00:00	M/S BHATE & PONKSHE 12, Venumadhav Apts, 104/7, Off Lane No.14, Prabhat Road, Pune-411 004, Maharashtra State, India	pwange@bhateponkshe.com,ipr@bhateponkshe.com
24	MUMBAI	201721025826	26/04/2021 00:00:00	ABHISHRUT PANBUDE PLOT NO.311, H. B. ESTATES, NAGPUR-440025, MAHARASHTRA, INDIA.	Abhishrut@Dypde.com
25	MUMBAI	201727028666	26/04/2021 00:00:00	StratJuris Partners #302 The Capital B • Wing Adjacent Regent Plaza Baner Pashan Link Road Pune 411045 MH India	sjinfo@startjuris.com,ip@stratjuris.com
26	MUMBAI	201927043116	26/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	chetan@iprattorneys.com,info@iprattorneys.com
27	MUMBAI	201821025758	26/04/2021 00:00:00	Legasis Partners, B-105, ICC Trade Tower, Senapati Bapat Road, Pune - 411016, Maharashtra, India	ip@legasis.in
28	MUMBAI	201921029190	26/04/2021 00:00:00	RAHUL SINGH, 602, RAJ ATLANTIS, NEAR SVPV SCHOOL, MIRA ROAD	sonukumars185@yahoo.com
29	MUMBAI	201827045044	26/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	chetan@iprattorneys.com,info@iprattorneys.com
30	MUMBAI	202027002016	27/04/2021 00:00:00	D.P AHUJA & Co. Postal Address 201D, TOWN SQUARE, NEW VIP ROAD, VIMAN NAGAR, PUNE - 411014, MAHARASHTRA, INDIA	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
31	MUMBAI	202027011750	27/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India. Email-chetan@iprattorneys.com	chetan@iprattorneys.com
32	MUMBAI	201921012647	27/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com,del@patentindia.com
33	MUMBAI	201727045824	27/04/2021 00:00:00	CHADHA & CHADHA Advocates Regus Business Center Level 2 Connaught Place Bund Garden Road Pune 411001 Maharashtra India.	info@iprattorneys.com,patents@iprattorneys.com
34	MUMBAI	202021053046	27/04/2021 00:00:00	A/44, SHALIGRAM OPP. JHANSI RANI STATUE, SHIVRANJINI, SATELLITEAHMEDABAD-380015, GUJARAT, INDIA	sneh.shah230@gmail.com
35	MUMBAI	202027009081	27/04/2021 00:00:00	R.K.Dewan & Co. Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001	dewan@rkdewanmail.com
36	MUMBAI	3650/MUM/2015	27/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	info@iprattorneys.com,patents@iprattorneys.com
37	MUMBAI	201921030370	27/04/2021 00:00:00	Legasis Partners, B-105, ICC Trade Tower, Senapati Bapat Road, Pune - 411016, Maharashtra, India	ip@legasis.in

38	MUMBAI	4600/MUM/2015	27/04/2021 00:00:00	R.K.Dewan & Co. Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001	dewan@rkdewanmail.com
39	MUMBAI	201927047408	27/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	chetan@iprattorneys.com,info@iprattorneys.com
40	MUMBAI	201727039755	27/04/2021 00:00:00	K&S Partners Intellectual Property Attorneys B1 601 6th Floor Marathon NextGen Innova Opposite Peninsula Corporate Park Off G. K. Marg Lower Parel Mumbai 400013 India Telephone No. + 91 (22) 49149700/ 727/ 777 Mobile No. +91 8130055293 Fax No. + 91 (22) 49149701 E mail ID ipo@knspartners.com	ipo@knspartners.com
41	MUMBAI	201927031857	27/04/2021 00:00:00	CHADHA & CHADHA IP, Regus Platina Level 9, G Block, Plot C-59 Bandra Kurla Complex, Bandra (E), Mumbai- 400 051, India.	info@candcip.in,patents@iprattorneys.com,info@iprattorneys.com
42	MUMBAI	201921011915	27/04/2021 00:00:00	K & S Partners 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560038, India	bangalore@knspartners.com
43	MUMBAI	201821019040	27/04/2021 00:00:00	The StartUp Zone No.5-B, 2nd floor, 10th Cross, RMV Extension, Sadashiv Nagar, Bangalore 560080 Karnataka, India	sharath@thestartupzone.in
44	MUMBAI	201927031151	27/04/2021 00:00:00	CHANDRAKANT M. JOSHI PATENT & TRADE MARK ATTORNEYS, 5th & 6th Floor VISHWANANAK, CHAKALA ROAD, ANDHERI (EAST), MUMBAI - 400 099. TEL. NO. +91-22-28380848 FAX. NO. +91-22-28380737 EMAIL. patents@cmjoshi.com	patents@cmjoshi.com
45	MUMBAI	202121012331	27/04/2021 00:00:00	Prafulla Wange M/S BHATE & PONKSHE 12, Venumadhav Apts, 104/7, Off Lane No.14, Prabhat Road, Pune-411 004, Maharashtra State, India	ipr@bhateponkshe.com
46	MUMBAI	201821041904	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, 2nd floor, B&C Wing, Cnergy IT Park Appa Saheb Marathe Marg Prabhadevi, Mumbai Maharashtra 400025 India	iprdel@lakshmisri.com
47	MUMBAI	201927011322	27/04/2021 00:00:00	R.K.Dewan & Co. 5th Floor Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001	dewan@rkdewanmail.com
48	MUMBAI	201721046246	27/04/2021 00:00:00	MARWADI UNIVERSITY RAJKOT-MORBI ROAD, AT & POST: GAURIDAD, RAJKOT-360003, GUJARAT, INDIA.	registrar@marwadieducation.edu.in,ansariimtiyaz888@gmail.com

49	MUMBAI	201921041762	27/04/2021 00:00:00	BananaIP Counsels No.40,2nd Floor, 3rd Main Road, JC Industrial Estate, Kanakapura Road Bangalore-62. Landmark Near Metro	patent@bananaip.com
50	MUMBAI	201621026468	27/04/2021 00:00:00	VE COMMERCIAL VEHICLES LTD. 102, INDUSTRIAL AREA 1, PITHAMPUR-454775, DISTRICT DHAR, M.P., INDIA	aashah@vecv.in
51	MUMBAI	202027018350	27/04/2021 00:00:00	CHADHA & CHADHA IP, Regus Platina Level 9, G Block, Plot C-59 Bandra Kurla Complex, Bandra (E), Mumbai- 400 051, India.	info@candcip.in
52	MUMBAI	201821046687	27/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys E-13, UPSIDC, Site-IV, Behind Grand Venice, Kasna Road, Greater Noida 201310, UP, National Capital Region, India.	info@khuranaandkhurana.com,tarun@khuranaandkhurana.com
53	MUMBAI	201827024147	27/04/2021 00:00:00	R.K.Dewan & Co. 5th Floor Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001	dewan@rkdewanmail.com
54	MUMBAI	201721015701	27/04/2021 00:00:00	MILIND V SATHE UNICHEM LABORATORIES LIMITED., PLOT NO. 12-14, PILERNE INDUSTRIAL ESTATE, PILERNE, BARDEZ, GOA-403511, INDIA.	milindsathe@unichemlabs.com,info@khuranaandkhurana.com,docket@khuranaandkhurana.com
55	MUMBAI	201927051104	27/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	chetan@iprattorneys.com,info@iprattorneys.com
56	MUMBAI	201727038792	27/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys B1 601 6th Floor Marathon NextGen Innova Opposite Peninsula Corporate Park Off. G.K. Marg Lower Parel Mumbai 400 013India	ipo@knspartners.com
57	MUMBAI	201927033149	27/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society Navrangpura, Ahmedabad 380009 INDIA	hkpatent@hkindia.com,info@hkindia.com
58	MUMBAI	201927013358	27/04/2021 00:00:00	Krishna & Saurastri Associates LLP 74/F, Venus, Worli Sea Face Mumbai 400 018 India 91 (22) 2200 6322 9820169046, 7045996755, 7045996754 91 (22) 2200 6326 info@krishnaandsaurastri.com	Patentgroupnl@unilever.com,info@krishnaandsaurastri.com,patent@krishnaandsaurastri.com
59	MUMBAI	201927017542	27/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society Navrangpura, Ahmedabad 380009 INDIA	hkpatent@hkindia.com,info@hkindia.com

60	MUMBAI	201821022718	27/04/2021 00:00:00	De Penning & De Penning, Alaknanda Building, 16 Nepean Sea Road, Mumbai - 400036	patent@depenning.com
61	MUMBAI	202027023715	27/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Emaar Digital Greens, Tower B, 15th floor, Unit no. 9 and 10, Golf Course Extension Road, Sector - 61, Gurugram, Haryana 122011, India patents@iprattorneys.com	chetan@iprattorneys.com
62	MUMBAI	201821006193	27/04/2021 00:00:00	Q.No-1995, B-Type, E-Sector,Berkhera, BHEL, Bhopal (M.P.)India	rajputvikram022@gmail.com
63	MUMBAI	202021030408	27/04/2021 00:00:00	AM LEGAL ASSOCIATES # 05, 3rd Floor, DSK KARTIK, Bafna Tata Motors-CCD Lane, Apex Colony, ShantiShila Society, Law College Road, Erandwane, Pune 411004, M.S. India	amlegal.ipr@gmail.com
64	MUMBAI	201724025505	28/04/2021 00:00:00	R.K.Dewan & Co. Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001	dewan@rkdewanmail.com,mailroom @rkdewanmail.com
65	MUMBAI	201621009485	28/04/2021 00:00:00	Kavita Gupta M/s. Katariya & Associates, Sharada Apartments, Opp. Gate No. 5, Abhimanshree Society, Aundh, PUNE 411007, Maharashtra. Email:Allison@katariyaassociates.com Mobile: 9423035602	allison@katariyaassociates.com
66	MUMBAI	201821036395	28/04/2021 00:00:00	LEXORBIS 709/710, Tolstoy House 15-17 Tolstoy Marg New Delhi 110 001 India.	mail@lexorbis.com,ramani.neha@gmail.com
67	MUMBAI	201921036501	28/04/2021 00:00:00	SANJAY KESHARWANI, B-303, EMGEE GREENS C. H. S. LTD., INDIA STEEL COMPOUND, M.T.V. ROAD, WADALA (EAST), MUMBAI - 400037, MAHARASHTRA - INDIA.	kesharwani.sanjay@gmail.com,sanjay @patentkraft.com
68	MUMBAI	202027010712	28/04/2021 00:00:00	D.P AHUJA & Co. 201D, TOWN SQUARE, NEW VIP ROAD, VIMAN NAGAR, PUNE 411014, MAHARASHTRA, INDIA.	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
69	MUMBAI	201627026298	28/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys B1 601 6th Floor Marathon NextGen Innova Opposite Peninsula Corporate Park Off G. K. Marg Lower Parel Mumbai 400013 India	ipo@knspartners.com
70	MUMBAI	201927018634	28/04/2021 00:00:00	Legasis Partners B-105, ICC Trade Towers, Senapati Bapat Road, Pune 411016, India	ip@legasis.in
71	MUMBAI	202027037506	28/04/2021 00:00:00	CHADHA & CHADHA, The Capital, 7th Floor, B-Wing, Plot No. C-70, G-Block, Bandra Kurla Complex, Behind ICICI Bank, Bandra (East) Mumbai, Maharashtra - 400051, India.	chetan@iprattorneys.com,info@iprattorneys.com

72	MUMBAI	201921042182	28/04/2021 00:00:00	ANJAN SEN & ASSOCIATES 17, CHAKRABERIA ROAD SOUTH, KOLKATA 700 025, WEST BENGAL, INDIA	info@ipindiaasa.com,anjanonline@bsnl.in
73	MUMBAI	201927042590	28/04/2021 00:00:00	Legasis Partners B-105, ICC Trade Towers, Senapati Bapat Road, Pune 411016, India	ip@legasis.in
74	MUMBAI	201921040779	28/04/2021 00:00:00	Swapnil Gawande, BLI Consultancy Pvt. Ltd. R9, Harshnil, Eknath Puram, Near Yogakshem Colony, Amravati, 444607, (M.S.), India.	sjgawande@gmail.com,infobli100@gmail.com
75	MUMBAI	201921019076	28/04/2021 00:00:00	R.K.Dewan & Co. 5th Floor Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001	dewan@rkdewanmail.com,mailroom@rkdewanmail.com
76	MUMBAI	201927048616	28/04/2021 00:00:00	R.K.DEWAN & CO. PODAR CHAMBERS, S A. BRELVI ROAD, FORT, MUMBAI 400001 MAHARASHTRA INDIA	dewan@rkdewanmail.com
77	MUMBAI	201821034979	28/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai 400 079, India.	mumbai@knspartners.com
78	MUMBAI	201727002200	28/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys B1 601 6th Floor Marathon NextGen Innova Opposite Peninsula Corporate Park Off G. K. Marg Lower Parel Mumbai 400013 India	ipo@knspartners.com
79	MUMBAI	201621019308	28/04/2021 00:00:00	ANJAN SEN & ASSOCIATES. 17, CHAKRABERIA ROAD, SOUTH; KOLKATA - 700 025, WEST BENGAL, INDIA.	anjanonline@vsnl.net,info@ipindiaasa.com
80	MUMBAI	201821044486	28/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai 400 079, India.	bangalore@knspartners.com,ipo@knspartners.com
81	MUMBAI	202027023299	28/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	chetan@iprattorneys.com
82	MUMBAI	201927036584	28/04/2021 00:00:00	R.K.Dewan & Co. Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001	dewan@rkdewanmail.com
83	MUMBAI	201827000583	28/04/2021 00:00:00	K And S PARTNERS Intellectual Property Attorneys B1 601 6th Floor Marathon NextGen Innova Opposite Peninsula Corporate Park Off. G.K. Marg Lower Parel Mumbai 400 013India Telephone No. 02249149700/727/777 Mobile No. +91 8130055293 Fax No. + 91 22 49149701 E mail ID ipo@knspartners.com	ipo@knspartners.com

84	MUMBAI	201921040001	28/04/2021 00:00:00	RAHUL MADHUKAR PETHE, E-38, NANDANVAN COLONY, NAGPUR-440009, MAHARASHTRA, INDIA.	rahul2480@gmail.com
85	MUMBAI	201621008494	28/04/2021 00:00:00	RUDRA NARAIN NEVATIA 137, MARINE DRIVE, MUMBAI-400020, MAHARASHTRA, INDIA.	rudra.nevatia@gmail.com
86	MUMBAI	201927037693	28/04/2021 00:00:00	Name D.P AHUJA & Co. Postal Address 201D, TOWN SQUARE, NEW VIP ROAD, VIMAN NAGAR, PUNE ,¬ 411014, MAHARASHTRA, INDIA Telephone No. 91(33)40177100 Mobile No. +919831360050 Fax No. 91(33)40088262 E-mail ID patents@dpahuja.com	PATENTS@DPAHAUJA.COM,PATENTS@DPAHUJA.IN
87	MUMBAI	202027012693	28/04/2021 00:00:00	K&S Partners Intellectual Property Attorneys C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai-400079, India Telephone No. + 912249149700/ 727/ 777 Mobile No. +91 8130055293 Fax No. + 912249149701 E-mail ID ipo@knspartners.com	ipo@knspartners.com
88	MUMBAI	201721021315	28/04/2021 00:00:00	ANIL MAHADEV NAIK CENTAUR HOUSE, NEAR GRAND HYATT, SHANTI NAGAR, VAKOLA, SANTACRUZ (E), MUMBAI-400055, MAHARASHTRA, INDIA.	anil@centaurchem.com
89	MUMBAI	201727023940	28/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys B1 601 6th Floor Marathon NextGen Innova Opposite Peninsula Corporate Park Off G. K. Marg Lower Parel Mumbai 400013 India	ipo@knspartners.com
90	MUMBAI	201927020502	28/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	chetan@iprattorneys.com,patents@iprattorneys.com,info@iprattorneys.com
91	MUMBAI	201927041691	28/04/2021 00:00:00	Krishna & Saurastri Associates LLP 74/F, Venus, Worli Sea Face Mumbai 400 018 India	info@krishnaandsaurastri.com,Patentgroupnl@unilever.com
92	MUMBAI	202024027621	28/04/2021 00:00:00	KRISHNA & SAURASTRI ASSOCIATES LLP 74/F, Venus, Worli Sea Face Mumbai 400 018, Maharashtra, India	info@krishnaandsaurastri.com,patent@krishnaandsaurastri.com
93	MUMBAI	2587/MUM/2015	28/04/2021 00:00:00	De Penning & De Penning Alaknanda Building 16 Nepean Sea Road Mumbai 400036	patent@depenning.com
94	MUMBAI	201827025921	28/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	info@iprattorneys.com

95	MUMBAI	201927048880	28/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	chetan@iprattorneys.com,info@iprattorneys.com
96	MUMBAI	202021000150	28/04/2021 00:00:00	Ketana Laljibhai Babaria, B 137, Harisiddha Park, Nr. Nav Sarjan School, Ranip Ahmedabad 382480, Gujarat, India	b_ketana@babariaip.com,babariaket@gmail.com
97	MUMBAI	202027005262	28/04/2021 00:00:00	R.K.Dewan & Co. Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001, Maharashtra, India	dewan@rkdewanmail.com
98	MUMBAI	201727023594	28/04/2021 00:00:00	Nishith Desai Associates 93 B Mittal Court Nariman Point Mumbai 400021 INDIA	patents@nishithdesai.com
99	MUMBAI	201827019756	28/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society Navrangpura, Ahmedabad 380009 INDIA	hkpatent@hkindia.com,info@hkindia.com
100	MUMBAI	201927028805	28/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	chetan@iprattorneys.com,info@iprattorneys.com
101	MUMBAI	201927038239	28/04/2021 00:00:00	ROYZZ & CO. 2A/54 KALPATARU ESTATE, JV LINK ROAD ANDHERI EAST, MUMBAI-400093, INDIA	patent@royzz.com
102	MUMBAI	201827020131	28/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society Navrangpura, Ahmedabad 380009 INDIA	hkpatent@hkindia.com,info@hkindia.com
103	MUMBAI	4969/MUM/2015	28/04/2021 00:00:00	Saikrishna & Associates Advocates B-140, Sector 51, Noida- 201301, Uttar Pradesh, India	patent@saikrishnaassociates.com,garima@saikrishnaassociates.com
104	MUMBAI	201721003405	29/04/2021 00:00:00	R.K.Dewan & Co. Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001	dewan@rkdewanmail.com,mailroom@rkdewanmail.com
105	MUMBAI	201821007607	29/04/2021 00:00:00	M/s. ipMetrix Consulting Group No. 84, 1st Floor, 4th Cross, Panduranga Nagar, Bannerghatta Road, Bangalore - 560 0076	patent@ipmetrix.com
106	MUMBAI	202021008502	29/04/2021 00:00:00	MR. VIKRAM SUBHASHRAO SUVARNKAR, DR. D.Y. PATIL INSTITUTE OF TECHNOLOGY, PIMPRI,PUNE-411018,MAHARASHTRA,INDIA	vikram.suvarnkar@gmail.com
107	MUMBAI	201827020819	29/04/2021 00:00:00	LEX IP CARE LLP INTELLECTUAL PROPERTY ATTORNEYS 212, B BLOCK, UNITECH BUSINESS ZONE, NIRVANA COUNTRY, SECTOR 50, GURGAON -122018, India.	maria@lexipcare.com,info@iprattorneys.com,chitra@lexipcare.com,calab@lexipcare.com

108	MUMBAI	201921018986	29/04/2021 00:00:00	DR. DAVINDER SINGH RATHEE, A1-304 SHRIYANS SOCIETY PUNAWALE, PUNE-411033	ramachandrahvjspm@gmail.com
109	MUMBAI	201827034341	29/04/2021 00:00:00	PLOT No. 12, THANE BELAPUR ROAD, TURBHE, NAVI MUMBAI-400705, MAHARASHTRA, INDIA Mobile no.: +91 7506335637	indian.filing@basf.com
110	MUMBAI	201821013257	29/04/2021 00:00:00	Legasis Partners, B-105, ICC Trade Tower, Senapati Bapat Road, Pune - 411016, Maharashtra, India	ip@legasis.in
111	MUMBAI	201921027906	29/04/2021 00:00:00	STRATJURIS LAW PARTNERS, Office 203 & 204, Supreme Headquarters, Above Tata Motors Showroom, Mumbai-Pune Highway, Mohan Nagar, Baner, Pune-411045, Maharashtra, India.	ip@stratjuris.com,priyank.gupta@stratjuris.com
112	MUMBAI	201827023142	29/04/2021 00:00:00	KRISHNA & SAURASTRI ASSOCIATES LLP 74/F, Venus, Worli Sea Face Mumbai 400 018	info@krishnaandsaurastri.com
113	MUMBAI	201927050235	29/04/2021 00:00:00	R.K.Dewan & Co. Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001	dewan@rkdewanmail.com
114	MUMBAI	4857/MUM/2015	29/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society, Navrangpura, Ahmedabad 380009 INDIA	hkpatent@hkindia.com,info@hkindia.com
115	MUMBAI	201921030389	29/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai - 400 079, India	ipo@knspartners.com
116	MUMBAI	202128010231	29/04/2021 00:00:00	PLOT No. 12, THANE BELAPUR ROAD, TURBHE, NAVI MUMBAI-400705, MAHARASHTRA, INDIA Mobile : +91 7506335637	indian.filing@basf.com
117	MUMBAI	201727033438	29/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys B1 601 6th Floor Marathon NextGen Innova Opposite Peninsula Corporate Park Off G. K. Marg Lower Parel Mumbai 400013 India Telephone No. + 91 (22) 49149700 Mobile No. +91 8130055293 Fax No. + 91 (22) 49149701 E mail ID ipo@knspartners.com	ipo@knspartners.com
118	MUMBAI	201927052091	29/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society Navrangpura, Ahmedabad 380009 INDIA	hkpatent@hkindia.com
119	MUMBAI	201824023052	29/04/2021 00:00:00	LEX ORBIS 709/710, Tolstoy House 15-17, Tolstoy Marg New Delhi 110 001 India	mail@lexorbis.com,sarang.khadilkar@gmail.com

120	MUMBAI	201624017940	29/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys B1-601,6th Floor,Marathon NextGen Innova, Opposite Peninsula Corporate Park, Off. G.K. Marg, Lower Parel Mumbai-400 013India Mobile No. +91 8130055293	ipo@knspartners.com
121	MUMBAI	201927052135	29/04/2021 00:00:00	KRISHNA & SAURASTRI ASSOCIATES LLP 74/F, Venus Worli Sea Face Mumbai 400 018 Maharashtra, India	info@krishnaandsaurastri.com
122	MUMBAI	201921000903	29/04/2021 00:00:00	Swapnil Gawande, BLI Consultancy Pvt. Ltd. R9, Harshnil, Eknath Puram, Near Yogakshem Colony, Amravati, 444607, (M.S.), India.	sjgawande@gmail.com,ashutosh@bliconsultancy.co.in,infobli100@gmail.com
123	MUMBAI	201921015123	29/04/2021 00:00:00	Khaitan & Co One Indiabulls Centre, 13th Floor 841, Senapati Bapat Marg, Elphinstone Road Mumbai 400013, Maharashtra, India	kcopatents@khaitanco.com,adheesh.nargolkar@khaitanco.com
124	MUMBAI	201927040711	29/04/2021 00:00:00	K & S PARTNERS C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai-400079, India	ipo@knspartners.com,lnchinta.ipo@nic.in
125	MUMBAI	201921017974	29/04/2021 00:00:00	SOURAV PANDURANG BHOYAR, NEAR HANUMAN TEMPLE, BINBA ROAD, BINBA WARD, CHANDRAPUR-442402, MAHARASHTRA, INDIA	Souravbhoyar01@gmail.com,Vipuldeshpande16@gmail.com
126	MUMBAI	202027008248	29/04/2021 00:00:00	K & S PARTNERS C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai -400079, India	ipo@knspartners.com
127	MUMBAI	3699/MUM/2014	29/04/2021 00:00:00	MS. PALLAVI KHARKAR IPRAM INTELLECTUAL PROPERTY SERVICES FLAT 23, AGASTHA, GODREJ GARDEN ENCLAVE, PIROJSHANAGAR, VIKHROLI EAST, MUMBAI 400079, MAHARASHTRA, INDIA	pallavi@ipram.net
128	MUMBAI	202027008143	29/04/2021 00:00:00	R.K.Dewan & Co. Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001	dewan@rkdewanmail.com
129	MUMBAI	202027011225	29/04/2021 00:00:00	HIRAL CHANDRAKANT JOSHI CHANDRAKANT M. JOSHI PATENT & TRADE MARK ATTORNEYS, 501, VISHWANANAK , CHAKALA ROAD, ANDHERI (EAST), MUMBAI - 400 099. TEL. NO. 91-22-28380848/91-22-28886856. MOBILE NO. 91-9867017993. FAX NO. 91-22-28380737. E-MAIL ID-patents@cmjoshi.com	patents@cmjoshi.com

130	MUMBAI	201827008542	29/04/2021 00:00:00	K And S PARTNERS Intellectual Property Attorneys B1 601 6th Floor Marathon NextGen Innova Opposite Peninsula Corporate Park Off G. K. Marg Lower Parel Mumbai 400013 India Telephone No. + 91 (22) 49149700/ 727/ 777 Mobile No. +91 8130055293 Fax No. + 91 (22) 49149701 E mail ID ipo@knspartners.com	ipo@knspartners.com
131	MUMBAI	202121015118	30/04/2021 00:00:00	PANASIAN IP SERVICES 213, DDA SFS, Pocket-1, Phase -1, Sector 22, Dwarka, Delhi 110077, India	ip@panasianipservices.com
132	MUMBAI	202021004595	30/04/2021 00:00:00	HIREN P THAKKAR Advocate, Patent & Trademark Attorney 603B CENTRAL BUSINESS SPACE OPP. FORTUNE LANDMARK HOTEL, NR. PARTH RESIDENCY ,USMANPURA, AHMEDABAD 380013, GUJARAT, INDIA	hirenpthakkar@gmai.com,hirenpthakkar@outlook.com
133	MUMBAI	201927022282	30/04/2021 00:00:00	CHANDRAKANT M. JOSHI PATENT & TRADE MARK ATTORNEYS, 5th & 6th Floor VISHWANANAK, CHAKALA ROAD, ANDHERI (EAST), MUMBAI - 400 099. TEL. NO. +91-22-28380848 FAX. NO. +91-22-28380737 EMAIL. patents@cmjoshi.com	patents@cmjoshi.com
134	MUMBAI	201921022109	30/04/2021 00:00:00	Khaitan & Co One Indiabulls Centre, 13th Floor 841, Senapati Bapat Marg, Elphinstone Road Mumbai 400013, Maharashtra, India	kcopatents@khaitanco.com,adheesh.nargolkar@khaitanco.com
135	MUMBAI	201727038789	30/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys B1 601 6th Floor Marathon NextGen Innova Opposite Peninsula Corporate Park Off G. K. Marg Lower Parel Mumbai 400013 India	ipo@knspartners.com
136	MUMBAI	201927017989	30/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society Navrangpura, Ahmedabad 380009 INDIA	hkpatent@hkindia.com,info@hkindia.com
137	MUMBAI	201927044273	30/04/2021 00:00:00	PLOT No. 12, THANE BELAPUR ROAD, TURBHE, NAVI MUMBAI-400705, MAHARASHTRA, INDIA Mobile no.: +91 7506335637	indian.filing@basf.com
138	MUMBAI	202027005162	30/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society Navrangpura, Ahmedabad 380009 INDIA	hkpatent@hkindia.com

139	MUMBAI	201921034690	30/04/2021 00:00:00	Legasis Partners, B-105, ICC Trade Tower, Senapati Bapat Road, Pune - 411016, India Mobile No.: 7030395511	ip@legasis.in
140	MUMBAI	201921013051	30/04/2021 00:00:00	Swapnil Gawande, BLI Consultancy Pvt. Ltd. R9, Harshnil, Eknath Puram, Near Yogakshem Colony, Amravati, 444607, (M.S.), India.	sjgawande@gmail.com,infobli100@gmail.com,ashutosh@bliconsultancy.co.in
141	MUMBAI	202027022411	30/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	chetan@iprattorneys.com
142	MUMBAI	202028041009	30/04/2021 00:00:00	K&S Partners Intellectual Property Attorneys C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai-400079, India Telephone No. + 91 (22) 49149700 Mobile No. +91 8130055293 Fax No. + 91 (22) 49149701 E-mail ID ipo@knspartners.com	ipo@knspartners.com
143	MUMBAI	201921036168	30/04/2021 00:00:00	Sanjaykumar Patel EXCELON IP 832, Gala Empire, Drive In Rd, Nilmani Society, Thaltej, Ahmedabad, Gujarat 380052	ipr@excelonip.com,excelonip@gmail.com
144	MUMBAI	201927046556	30/04/2021 00:00:00	SUBRAMANIAM & ASSOCIATES, Attorneys - at law, 7th Floor, M3M Cosmopolitan, Sector 66, Golf Course Extension Road, Gurugram 122001, National Capital Region, India Tel: +91-124-4849700 Fax: +91-124-4849798 / 4849799 Mobile Nos.: +91 7042499356; 9205965311	sna@sna-ip.com
145	MUMBAI	201721004980	30/04/2021 00:00:00	Adv. Swapnil Gawande R-9, Harshnil, Eknathpuram, Near Yogakshem Colony, Amravati - 444607 (M.S)	sjgawande@gmail.com,ashutosh@bliconsultancy.co.in,infobli100@gmail.com
146	MUMBAI	202027024049	30/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Emaar Digital Greens, Tower B, 15th floor, Unit no. 9 and 10, Golf Course Extension Road, Sector - 61, Gurugram, Haryana 122011, India	info@iprattorneys.com,chetan@iprattorneys.com
147	MUMBAI	201927006686	30/04/2021 00:00:00	HIRAL CHANDRAKANT JOSHI CHANDRAKANT M. JOSHI PATENT & TRADE MARK ATTORNEYS, 501, VISHWANANAK , CHAKALA ROAD, ANDHERI (EAST), MUMBAI - 400 099. 91-22-28380848 91-9324282651 91-22-28380737 patents@cmjoshi.com	patents@cmjoshi.com
148	MUMBAI	201821008842	30/04/2021 00:00:00	Swapnil Gawande R9, Harshnil, Eknathpuram, Near Yogakshem Colony, Amravati, 444607, (M.S.), India.	sjgawande@gmail.com,ashutosh@bliconsultancy.co.in,infobli100@gmail.com

149	MUMBAI	201927001615	30/04/2021 00:00:00	HIRAL CHANDRAKANT JOSHI CHANDRAKANT M. JOSHI PATENT & TRADE MARK ATTORNEYS, 501, VISHWANANAK , CHAKALA ROAD, ANDHERI (EAST), MUMBAI - 400 099. 91-22-28380848 91-9324282651 91-22-28380737 patents@cmjoshi.com	cmjoshi@bom3.vsnl.net.in,patents@cmjoshi.com
150	MUMBAI	3986/MUM/2013	30/04/2021 00:00:00	L.S.DAVAR & CO. 32, RADHA MADHAB DUTTA GARDEN LANE, KOLKATA-700 010	davar@cal2.vsnl.net.in,kolkatapatent@Lsdavar.in
151	MUMBAI	202027051832	30/04/2021 00:00:00	KRISHNA & SAURASTRI ASSOCIATES LLP 74/F, Venus, Worli Sea Face, Mumbai 400 018, Maharashtra, India	info@krishnaandsaurastri.com,info@krishnaandsaurashtri.com
152	MUMBAI	202027054930	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai-400079, India Telephone No. + 91 2249149700 Mobile No. +91 8130055293 Fax No. + 91 2249149701 E-mail ID ipo@knspartners.com	ipo@knspartners.com
153	MUMBAI	201821048854	30/04/2021 00:00:00	Mr. Ranjit Bhattacharya Jai Shastri Nagar, No. 7 Building, Flat No.127,First Floor, Mulund Colony, Mulund (West), Mumbai-400082, Maharashtra, India. Tel: 9820559624	ranjitbhattacharya@rediffmail.com
154	MUMBAI	201827001081	30/04/2021 00:00:00	Anjan Sen & Associates, Patent & Trade Mark Attorneys, 17, Chakraberia Road South, Kolkata - 700 025, India.	info@ipindiaasa.com,anjanonline@bsnl.in
155	MUMBAI	202021005460	30/04/2021 00:00:00	DR. VISHWANATH VITHAL BHOSALE, D.Y.PATIL EDUCATION SOCIETY (DEEMED TO BE UNIVERSITY), KASABA BAWADA, KOLHAPUR-416 006, MAHARASHTRA, INDIA.	info@dypatilkolhapur.org
156	MUMBAI	201727017051	30/04/2021 00:00:00	CHADHA & CHADHA Advocates Regus Business Center Level 2 Connaught Place Bund Garden Road Pune 411001 Maharashtra India.	info@iprattorneys.com,patents@iprattorneys.com
157	MUMBAI	201727040639	30/04/2021 00:00:00	StratJuris Partners #302 The Capital B • Wing Adjacent Regent Plaza Baner Pashan Link Road Pune 411045 MH India Phone no. 7888041660/70	ip@stratjuris.com
158	MUMBAI	201821008621	30/04/2021 00:00:00	Legasis Partners, B-105, ICC Trade Tower, Senapati Bapat Road, Pune - 411016, India	ip@legasis.in

159	MUMBAI	201921022074	30/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys E-13, UPSIDC, Site-IV, Behind Grand Venice, Kasna Road, Greater Noida 201310, UP, National Capital Region, India info@khuranaandkhurana.com	tarun@khuranaandkhurana.com,info@khuranaandkhurana.com
160	MUMBAI	201921025070	30/04/2021 00:00:00	1802 Siddhachal Phase V Pokhran Road no.2	sameer.walimbe@vednim.com
161	MUMBAI	201927014905	30/04/2021 00:00:00	ProdyoVidhi, C/o Mr. K. Pradeep 101 Tilak Path, CMR Point # 101 Narayan Bagh Chaurah INDORE 452007 MP INDIA +91 8989 460 762 ipo@prodyovidhi.com	patent.india@prodyovidhi.com,ipo@prodyovidhi.com
162	MUMBAI	201821044209	30/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys B1- 601, 6th Floor, Marathon NextGen Innova, Opposite Peninsula Corporate Park, Off G. K. Marg, Lower Parel, Mumbai- 400013, India Telephone No. 912249149700/ 727/ 777 Mobile No. +91 8130055293 Fax No. + 91 (22) 49149701 E-mail ID ipo@knspartners.com	IPO@KNSPARTNERS.COM,ipo@knspartners.com
163	MUMBAI	201827033186	30/04/2021 00:00:00	KRISHNA & SAURASTRI ASSOCIATES LLP 74/F, Venus, Worli Sea Face Mumbai 400 018	info@krishnaandsaurastri.com,info@groserandgroser.com
164	MUMBAI	201921037625	30/04/2021 00:00:00	B2 /1050, Spaze iTech Park, Sohna Road, 122002, Gurgaon, Delhi NCR, India	patent@adastraip.com
165	MUMBAI	201927044278	30/04/2021 00:00:00	PLOT No. 12, THANE BELAPUR ROAD, TURBHE, NAVI MUMBAI-400705, MAHARASHTRA, INDIA Mobile no.: +91 7506335637	indian.filing@basf.com
166	MUMBAI	202021023603	30/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society Navrangpura, Ahmedabad 380 009 India	hkpatent@hkindia.com
167	MUMBAI	201722005577	30/04/2021 00:00:00	K & S PARTNERS |Intellectual Property Attorneys; 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA. Mob: +91 7349778249	ipo@knspartners.com
168	MUMBAI	201927052940	30/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	chetan@iprattorneys.com,info@iprattorneys.com
169	MUMBAI	202021034118	30/04/2021 00:00:00	Nidhi Jain B503, MontVertDieu, Behind Balaji Temple, SusPashan Road, Pashan, Pune, Maharashtra Pin: 411021.	nidhijain1704@gmail.com,nidhi.jain@bharatividyapeeth.edu

170	MUMBAI	201827038681	30/04/2021 00:00:00	R.K.Dewan & Co. 5th Floor Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001	dewan@rkdewanmail.com
171	MUMBAI	201621018222	30/04/2021 00:00:00	BHATE & PONKSHE 12, Venumadhav Apts, 104/7, Off. Lane No. 14,Prabhat Road, Pune- 411 004.	pwange@bhateponkshe.com,ipr@bhateponkshe.com
172	MUMBAI	201927046135	30/04/2021 00:00:00	PLOT No. 12, THANE BELAPUR ROAD, TURBHE, NAVI MUMBAI-400705, MAHARASHTRA, INDIA Mobile no.: +91 7506335637	indian.filing@basf.com
173	MUMBAI	201921028358	30/04/2021 00:00:00	Shuchi Agarwal, SS Intellectual Property Neeti Consultancy LLP D-40(basement), SECTOR-52, NOIDA, 201301, Uttar Pradesh	email@ipneeti.com,shuchi@ipneeti.com
174	MUMBAI	202021042674	30/04/2021 00:00:00	PATEL SHRUTI DILIPBHAI, SHREE H.L. PATEL SARASWATI VIDHYALAY, 33, MODASA-MALPUR ROAD, HARIOM SOCIETY, ITI AREA, MODASA, GUJARAT-383315, INDIA.	shrutipatel71003@gmail.com,hlpsv@yahoo.co.in
175	MUMBAI	202121016926	30/04/2021 00:00:00	ARTEMIS LAW ASSOCIATES 124, 1ST FLOOR, SARITA ESTATE, A WING, NEAR TOLL NAKA, DAHISAR (E), MUMBAI-400068	pooja@artemislaw.in,info@artemislaw.in
176	MUMBAI	201621026427	30/04/2021 00:00:00	Adv. Swapnil Gawande, C/O Adv. Rahul Khade, 22- shantiniketan colony, Ranapratap nagar, Nagpur 440022	sjgawande@gmail.com,ashutosh@bliconsultancy.co.in,infobli100@gmail.com
177	MUMBAI	202027022193	30/04/2021 00:00:00	CHADHA & CHADHA, Advocates, Regus Business Center, Level 2, Connaught Place, Bund Garden Road, Pune 411001, Maharashtra, India.	chetan@iprattorneys.com
178	MUMBAI	202027041873	30/04/2021 00:00:00	Dr. Rajeshkumar H. Acharya Law Office of H K ACHARYA & COMPANY Advocates, Patent & Trademark Agents HK Avenue, 19, Swastik Society Navrangpura, Ahmedabad 380009 INDIA	hkpatent@hkindia.com
179	MUMBAI	201927039903	30/04/2021 00:00:00	K & S PARTNERS C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai-400079, India Telephone No. + 912249149700/ 727/ 777 Mobile No. +91 8130055293 Fax No. + 912249149701 E-mail ID ipo@knspartners.com	ipo@knspartners.com
180	MUMBAI	201927042231	30/04/2021 00:00:00	K&S Partners Intellectual Property Attorneys C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai - 400079, India Telephone No. + 91 (22) 49149700/ 727/ 777 Mobile No. +91 8130055293 Fax No. + 91 (22) 49149701 E-mail ID ipo@knspartners.com	ipo@knspartners.com

181	MUMBAI	201821028886	01/05/2021 00:00:00	Mr. Dipak Sayaji Kokane B 703, Pratik Corner, Plot no 49, Sector 8A, Airoli, Navi Mumbai 400708, Maharashtra, India	ipr@optimisticip.com,dipakkokane2004@gmail.com
182	MUMBAI	201927040696	01/05/2021 00:00:00	K&S Partners Intellectual Property Attorneys C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai-400079, India	ipo@knspartners.com
183	MUMBAI	201828000094	01/05/2021 00:00:00	W. S. KANE & CO. MERCHANT CHAMBERS, 6TH FLOOR, 41, SIR VITHALDAS THACKERSAY MARG, OPP. PATKAR HALL, CHURCHGATE, MUMBAI 400020. MAHARASHTRA, INDIA	hwk@wskaneandco.com
184	MUMBAI	201927001582	01/05/2021 00:00:00	K & S PARTNERS C-915, Kailas Business Park, Hiranandani Link Road, Parksite, Vikhroli (West), Mumbai-400079, India Telephone No. + 912249149700/ 727/ 777 Mobile No. +91 8130055293 Fax No. + 912249149701 E-mail ID ipo@knspartners.com	ipo@knspartners.com

WEEKLY ISSUED FER (CHENNAI)

SNO	LOCATION	APPLICATION NUMBER	FER DATE	ADDRESS FOR SERVICE	EMAIL
1	CHENNAI	201847013258	25/04/2021 00:00:00	376-B, (OLD NO.202), AVVAI SHANMUGAM SALAI, GOPALAPURAM, CHENNAI - 600 086.	remfry-sagar@remfry.com
2	CHENNAI	201741040353	25/04/2021 00:00:00	Vedula Seeta Ramachandra Murry, 7-54/ 11 /B, Bala Saraswathi Nagar, Malkajgiri, Hyderabad, Telangana, India, Pin Code-500 047.	seetaramachandramurty@gmail.com
3	CHENNAI	201941011552	25/04/2021 00:00:00	M/s. R.K.Dewan & Co. Dare House Annexe, 4th Floor, No 44, 2nd Line Beach, Chennai - 600001.	dewan@rkdewanmail.com,mailroom@rkdewanmail.com
4	CHENNAI	201741009533	25/04/2021 00:00:00	InvnTree IP Services, 399, 15th Cross, 5th Main, Sector:6, HSR Layout, Bangalore: 560102, Karnataka, INDIA Mobile: 9845173455	ipo@invntree.com,contact@invntree.com
5	CHENNAI	202148002844	25/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road Guindy , Chennai 600 032	patent@depenning.com
6	CHENNAI	201941026178	25/04/2021 00:00:00	SHRI. SAI SRINIVAS SRIPERUMBUDUR, 12-13-464, STREET NO 1, TARNAKA, HYDERABAD-500017, TELANGANA, INDIA. rudramm@yahoo.com	rudramm@yahoo.com
7	CHENNAI	201841040539	25/04/2021 00:00:00	BananaIP Counsels No.40,2nd Floor, 3rd Main Road, JC Industrial Estate, Kanakapura Road Bangalore-62. Landmark Near Metro	patent@bananaip.com,nitin@bananaip.com
8	CHENNAI	202148003780	25/04/2021 00:00:00	120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com
9	CHENNAI	201644001093	25/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com
10	CHENNAI	201941038241	25/04/2021 00:00:00	Dr.G.PUTHILIBAI Professor, Department of Chemistry, Sri Sairam Engineering College, West Tambaram, Chennai-600044, Tamilnadu, India vasu_sbm@yahoo.com	vasu_sbm@yahoo.com
11	CHENNAI	201947038449	25/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
12	CHENNAI	201947038485	25/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law First Floor, Block-B, Chaitanya Imperial Building, 610, Anna Salai, Teyanampetai, Chennai-600 018, India. Tel/Fax: +91-44-42637392 Email: remfry-sagar@remfry.com patents@remfry.com	remfry-sagar@remfry.com,patents@remfry.com,mahua.ray@remfry.com

13	CHENNAI	201947002484	25/04/2021 00:00:00	Remfry & Sagar Attorneys-at-Law First Floor, Block-B, Chaitanya Imperial Building, 610, Anna Salai, Teynampetai, Chennai-600 018, India. remfryandsagar@gmail.com	r.mahesh@remfry.com,remfryandsagar@gmail.com
14	CHENNAI	201947037926	25/04/2021 00:00:00	Signify Innovations India Ltd. Prasad Narasimha 5th Floor, Green Heart-MMTP Phase IV, Manyata Tech Park, Nagavara, Bangalore- 560045, India. Mobile No.+91-9980836239	prasad.narasimha@signify.com,ip.india@signify.com
15	CHENNAI	201741011803	25/04/2021 00:00:00	S Afsar IN/PA No.- 1073 Krishna and Saurastri Associates LLP, 2801 Hemavathy, Nandi Enclave, Banashankari III Stage, Bangalore 560085, Karnataka, India.	afsar@krishnaandsaurastri.com,blr@krishnaandsaurastri.com,info@krishnaandsaurastri.com
16	CHENNAI	201847008915	25/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
17	CHENNAI	201847025817	25/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032.	patent@depenning.com
18	CHENNAI	201947037589	25/04/2021 00:00:00	4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA.	ramya.rao@knspartners.com,ipo@knspartners.com
19	CHENNAI	201947027769	25/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
20	CHENNAI	201941001575	26/04/2021 00:00:00	SNS COLLEGE OF TECHNOLOGY, SNS KALVI NAGAR, SATHY MAIN ROAD, VAZHIYAMPALAYAM, COIMBATORE, TAMILNADU, INDIA - 641 035.	wtd.sns@gmail.com
21	CHENNAI	201847025638	26/04/2021 00:00:00	Dr. T.V. Ravi Philips Intellectual Property & Standards Philips India Limited Philips Innovation Campus, MFAR, Manyata Tech Park, Manyata Nagar, Nagavara, Bangalore - 560045. Telephone No: 08041892407 Fax No : 08041892415 E - mail : ip.administration.india@philips.com	ip.administration.india@philips.com
22	CHENNAI	201847022809	26/04/2021 00:00:00	De Penning & De Penning, 120 Velachery Main Road, Guindy , Chennai 600 032.	patent@depenning.com
23	CHENNAI	201847041750	26/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032. 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
24	CHENNAI	201947001095	26/04/2021 00:00:00	Law Firm of Naren Thappeta #7, Sigma Soft Tech Park, 5th Floor, Beta Block, Whitefield Main Road, Varthur Kodi, Bangalore, Karnataka, PIN: 560 066 Mobile: +919686207117; Fax: 080-66886198 Email: ipo@iphorizons.com	ipo@iphorizons.com

25	CHENNAI	202047007060	26/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
26	CHENNAI	201947017751	26/04/2021 00:00:00	DR. T.V. RAVI PHILIPS INTELLECTUAL PROPERTY & STANDARDS PHILIPS INDIA LIMITED, MANYATA TECH PARK, NAGAVARA, BANGALORE-560045 Telephone No: 08041892407 Fax No : 08041892415 E - mail : ip.administration.india@philips.com	ravi.tumkur@philips.com,ip.administration.india@philips.com
27	CHENNAI	201947035772	26/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 109, Sector 44, Gurgaon 122003, National Capital Region, India. +91-80-40427900 7349778249 +91-80-40427901 ipo@knspartners.com	ramya.rao@knspartners.com,ipo@knspartners.com,lnchinta.ipo@nic.in
28	CHENNAI	202141008608	26/04/2021 00:00:00	JALAN Hemant, Nucon Aerospace Pvt. Ltd Plot No.: 1/1 & 1/2, Nadergul Industrial Park, Nadergul, Saroor Nagar, Hyderabad - 501510 Telangana, INDIA	hemantjalan@nuconaerospace.com,uditjalan@nuconaerospace.com
29	CHENNAI	201741028257	26/04/2021 00:00:00	Dr.B.Deepa, 29/9 Ekambaram Street, Old washermen pet, Chennai - 600021	intellpat@gmail.com
30	CHENNAI	6111/CHE/2015	26/04/2021 00:00:00	THE SENIOR MANAGER(DEVELOPMENT), HINDUSTAN AERONAUTICS LTD, FOUNDRY AND FORGE DIVISION, BANGALORE COMPLEX, VIMANAPURA POST, BANGALORE - 560 017, INDIA, devp.fnf@hal-india.com	devp.fnf@hal-india.com
31	CHENNAI	202047047018	26/04/2021 00:00:00	Signify Innovations India Ltd. 5th Floor, Green Heart -MMTP Phase IV, Manyata Tech Park, Nagavara, Bangalore - 560045, India. Mobile No.: +91-9880131183 Email ID: ip.india@signify.com	ip.india@signify.com
32	CHENNAI	202147004558	26/04/2021 00:00:00	Signify Innovations India Ltd. 5th Floor, Green Heart -MMTP Phase IV, Manyata Tech Park, Nagavara, Bangalore - 560045, India. Mobile No.: +91-9880131183 Email ID: ip.india@signify.com	ip.india@signify.com
33	CHENNAI	201744027066	26/04/2021 00:00:00	De Penning & De Penning, 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com
34	CHENNAI	201947017672	26/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com

35	CHENNAI	201847041115	26/04/2021 00:00:00	KAN AND KRISHME, ADVOCATES, PATENT AND TRADEMARK ATTORNEYS, KNK House, A-11, Shubham Enclave, Paschim Vihar, New Delhi-11 0063, India Telephone #: 91-11-43776666 (100 Lines) Facsimile # : 91-11-43776676, 43776677 E·mail: knk@kankrishme.com;kankrishmefer@gmail.com	knk@kankrishme.com,ipo@knspartners.com
36	CHENNAI	201941019826	26/04/2021 00:00:00	M/s. ipMetrix Consulting Group No. 84, 1st Floor, 4th Cross, Panduranga Nagar, Bannerghatta Road, Bangalore - 560 076	patent@ipmetrix.com
37	CHENNAI	201641023078	26/04/2021 00:00:00	DR.JOANNA P.S DEPARTMENT OF CIVIL ENGINEERING, HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE P.O.BOX NO.1, RAJIV GANDHI SALAI(OMR), PADUR, (VIA) KELAMBAKKAM, CHENNAI-603103	ipcell@hindustanuniv.ac.in
38	CHENNAI	201847028548	26/04/2021 00:00:00	Anand & Anand Advocates Flat GA, AR Villa, New No. 31 (Old No. 13) 3rd main Road, Gandhi Nagar, Adyar,Chennai-60020 (India) Phone No: 91-44-43443777, 120-4059300 Fax No: 120-4243056, 91-44-43504232 E-mail: email@anandandanand.com / chennaianandandanand@yahoo.co.in/ archana@anandandanand.com Mobile No: +91 9717990240	archana@anandandanand.com,email@anandandanand.com
39	CHENNAI	202041056386	26/04/2021 00:00:00	IPEXCEL, INDIQUBE ORION, 24TH MAIN RD, GARDEN LAYOUT, SECTOR 2, HSR LAYOUT, BANGALORE - 560102, KARNATAKA	filings@ipexcel.com
40	CHENNAI	201847001371	26/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
41	CHENNAI	201847039363	26/04/2021 00:00:00	REMFRY & SAGAR, Attorneys-at-Law, First Floor, Block-B, Chaitanya Imperial Building, 610, Anna Salai, Teyanampetai, Chennai, Tamil Nadu, India, Pin Code-600 018.	ranjna.dutt@remfry.com,remfry-sagar@remfry.com
42	CHENNAI	202047025749	26/04/2021 00:00:00	Anand & Anand Advocates Flat GA, AR Villa, New No. 31 (Old No. 13) 3rd main Road, Gandhi Nagar, Adyar,Chennai-60020 (India) Phone No: 91-44-43443777, 120-4059300 Fax No: 120-4243056, 91-44-43504232 E-mail: email@anandandanand.com / chennaianandandanand@yahoo.co.in/ archana@anandandanand.com Mobile No: +91 9717990240	archana@anandandanand.com
43	CHENNAI	202147010566	26/04/2021 00:00:00	T. Karthikeyan Patspace IP service 82 F2 Shrudi Sai Nagar Madambakkam, Chennai Tamil Nadu, India 600126	patspaceip@gmail.com

44	CHENNAI	201644003795	26/04/2021 00:00:00	K&S PARTNERS, Intellectual Property Attorneys, New Door No. 15 (Old No. 3), Postal Colony 4th Street, West Mambalam, Chennai 600033, Tamil Nadu, India. T: +91 (124) 4708 700 F: +91 (124) 4708 760 M. +91 8130055293 E-mail: ipo@knspartners.com	ipo@knspartners.com,ipo@iphorizons.com
45	CHENNAI	201741023090	26/04/2021 00:00:00	Design Department, Godrej & Boyce Manufacturing Company Limited, # 4N, KIADB Industrial Area, Dabaspet, Bangalore 562 111, Karnataka, India. ipr@singhwal.com	ipr@singhwal.com
46	CHENNAI	201941027784	26/04/2021 00:00:00	ALMT Legal, No.2, Lavelle Road, Bangalore, Karnataka, INDIA-560001	rprabhu@almtlegal.com
47	CHENNAI	201847028630	26/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, s 2, Wallace garden, 2nd Street, Chennai - 600 006 India	iprdel@lakshmisri.com
48	CHENNAI	201847015930	26/04/2021 00:00:00	Global IP Services Pvt. Ltd. 198F, 27th Cross, 3rd Block, Jayanagar, Bangalore - 560011, Karnataka, India	docketing@globalipservices.com
49	CHENNAI	202041017016	26/04/2021 00:00:00	Asha P. Hole, Flat no 1, above Om hospital, SK traders building, Opposite Bhekrainagar bus stop, Pune, Maharashtra 412308. Mobile No. 7709356642 E-mail ID ashahole21@gmail.com	ashahole21@gmail.com,kdeo35@yahoo.com
50	CHENNAI	201741014856	26/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, 2, Wallace garden, 2nd Street, Chennai - 600 006 India	iprdel@lakshmisri.com,malathi.l@lakshmisri.com
51	CHENNAI	202047002762	26/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
52	CHENNAI	201941019469	26/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, 2, Wallace garden, 2nd Street, Chennai - 600 006 India	iprdel@lakshmisri.com
53	CHENNAI	201947016434	26/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai-600 032	patent@depenning.com
54	CHENNAI	201947043472	26/04/2021 00:00:00	KAN AND KRISHME, ADVOCATES, PATENT AND TRADEMARK ATTORNEYS, KNK House, A-11, Shubham Enclave, Paschim Vihar, New Delhi-110063, India. Telephone #: 91-11-43776666 (100 Lines) Facsimile # : 91-11-43776676, 43776677 E-mail: knk@kankrishme.com	knk@kankrishme.com
55	CHENNAI	202044041829	26/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys New Door No. 15 (Old No.3) Postal Colony 4th Street, West Mambalam, Chennai 600033, Tamil Nadu, India	ipo@knspartners.com
56	CHENNAI	202047028603	26/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 – 42213402	patent@depenning.com

57	CHENNAI	201941019156	26/04/2021 00:00:00	8-2-703/4/1, ANANTHVILLA, BANJARA HILLS, ROAD NO. 12, HYDERABAD, TELANGANA - 500 034, INDIA. ranjeettokala@yahoo.com	ranjeettokala@yahoo.com
58	CHENNAI	201941049461	26/04/2021 00:00:00	11/1, ARCHUNAN SALAI, GOVINDASAMY NAGAR, AHABATHARANAPURAM, VADALUR - 607 303, CUDDALORE DT., arivuazhagan001@gmail.com	arivuazhagan001@gmail.com
59	CHENNAI	201947012005	26/04/2021 00:00:00	Global IP Services Pvt. Ltd., 198F, 27th Cross, 3rd Block, Jayanagar, Bangalore - 560011, Karnataka, India	docketing@globalipservices.com
60	CHENNAI	201947040297	26/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
61	CHENNAI	201947053499	26/04/2021 00:00:00	S&H PARTNERS, Office No.0A 126, 43, Galaxy, Residency Road, Bangalore - 560025, India Email: patent@sandhpartners.com, samuel@sandhpartners.com M: +91 8073108490, +91-7899909460	samuel@sandhpartners.com,patent@sandhpartners.com
62	CHENNAI	201847022992	26/04/2021 00:00:00	DR. T.V. RAVI PHILIPS INTELLECTUAL PROPERTY & STANDARDS PHILIPS INDIA LIMITED, MANYATA TECH PARK, NAGAVARA, BANGALORE-560045	ip.administration.india@philips.com
63	CHENNAI	201847026058	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law 376 B (Old No. 202), Avvai Shanmugam Salai,Gopalapuram Chennai - 600 086.	patents@remfry.com
64	CHENNAI	201941042614	26/04/2021 00:00:00	LENINPUGALHANTHI.P, ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRICAL AND ELECTRONICS, ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY, KOVAIPUDUR, COIMBATORE - 641042. leninpugal@skct.edu.in	leninpugal@skct.edu.in
65	CHENNAI	201741031416	26/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal.	lsdavar@ca12.vsnl.net.in,kolkatapatent@Lsdavar.in
66	CHENNAI	201841043457	26/04/2021 00:00:00	K & S PARTNERS INTELLECTUAL PROPERTY ATTORNEYS, DOOR NO:15 (OLD NO:3) POSTAL COLONY 4TH STREET, WEST MAMBALAM, CHENNAI-600 033, TAMIL NADU, INDIA. Tel.: +91 (44) 49317777 Fax.: +91 (44) 49317788 E-mail: chennai@knspartners.com	chennai@knspartners.com,deanicsr@iitm.ac.in

67	CHENNAI	201844003030	26/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
68	CHENNAI	201847040372	26/04/2021 00:00:00	Puthran & Associates B-3, Kesavan Orchid 5/7, North Mada Street Sri Nagar Colony Saidapet, Chennai 600015 Tamil Nadu, India	ipr@puthrans.com
69	CHENNAI	201947016054	26/04/2021 00:00:00	De Penning & De Penning, 120 Velachery Main Road, Guindy , Chennai 600 032.	patent@depenning.com
70	CHENNAI	202047020176	26/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
71	CHENNAI	201948039590	26/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, 2, Wallace garden, 2nd Street, Chennai - 600 006 India	iprdel@lakshmisri.com
72	CHENNAI	201847038791	26/04/2021 00:00:00	VKnow Patent Services, B-108, Eastern Business District, LBS Marg, Bhandup (W), Mumbai 400078, India.	diptiv@vknowpats.com
73	CHENNAI	202047017741	26/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA. Telephone no.: +91-80-40427900 Mobile no.: +91-7349778249 Fax no.: +91-80-40427901 Email id: bangalore@knspartners.com	cnaveen@knspartners.com,bangalore@knspartners.com
74	CHENNAI	202147002356	26/04/2021 00:00:00	Signify Innovations India Ltd. 5th Floor, Green Heart -MMTP Phase IV, Manyata Tech Park, Nagavara, Bangalore - 560045, India. Mobile No.: +91-9880131183 Email ID: ip.india@signify.com	ip.india@signify.com
75	CHENNAI	202147011119	26/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
76	CHENNAI	201847034385	26/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law 376 B (Old No. 202), Avvai Shanmugam Salai,Gopalapuram Chennai - 600 086 Tel/Fax: +91-44-42637392 Email: remfry-sagar@remfry.com patents@remfry.com	remfry-sagar@remfry.com
77	CHENNAI	201941015375	26/04/2021 00:00:00	Mission Legal Advocates No.12, Canal Bank Road, Gandhi Nagar, Adyar Chennai, 600020 Tamil Nadu, India	info@missionlegal.com
78	CHENNAI	201847043042	26/04/2021 00:00:00	Anand & Anand Advocates, Flat GA, AR Villa, New No. 31 (Old No. 13), 3rd main Road, Gandhi Nagar, Adyar, Chennai, Tamil Nadu, India, Pin Code-60020.	archana@anandandanand.com,email@anandandanand.com

79	CHENNAI	202047031067	26/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560038, India Mobile No.7349778249 Telephone No. +91 (080) 40427900 Fax No. +91 (080) 40427901	nikhil@knspartners.com
80	CHENNAI	201941020927	26/04/2021 00:00:00	M/s. ipMetrix Consulting Group, No. 84, 1st Floor, 4th Cross, Panduranga Nagar, Bannerghatta Road, Bangalore - 560 076	patent@ipmetrix.com
81	CHENNAI	201941049389	26/04/2021 00:00:00	Dr.S. SREEKANTH Sreenivasa Instiute Of Technology And Management Studies(autonomous), ,Murukambattu(Post),Chittoor(Dist), Andhra Pradesh-517127	Yesarun1810@gmail.com,pranavsree_2000@rediffmail.com
82	CHENNAI	202047026329	26/04/2021 00:00:00	HASAN AND SINGH, No. 04, Sree Nilayam, Plot No. 12, Camelot Layout, Kondapur, Hyderabad-500084, India Phone: +91-8121388786 / +91-40-23019786 / Cell: +91-9492033581 Fax : +91-40-23013786 E-Mail : afzal@hasanandsingh.com / hasan@hasanandsingh.com	afzal@hasanandsingh.com,hasan@hasanandsingh.com
83	CHENNAI	201847038095	26/04/2021 00:00:00	Anand & Anand Advocates Flat GA, AR Villa, New No. 31 (Old No. 13) 3rd main Road, Gandhi Nagar, Adyar,Chennai-60020 (India)	archana@anandandanand.com,email@anandandanand.com
84	CHENNAI	201847047861	26/04/2021 00:00:00	KAN AND KRISHME, ADVOCATES PATENT AND TRADEMARK ATTORNEYS, KNK HOUSE, A-11, SHUBHAM ENCLAVE, PASCHIM VIHAR, NEW DELHI·110063, INDIA. Telephone #: 91-11-43776666 (1 00 Lines) Facsimile #: 91-11-43776676, 43776677 E-mail: knk@kankrishme.com;kankrishmefer@gmail.com	knk@kankrishme.com
85	CHENNAI	202047022629	26/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
86	CHENNAI	202047016826	27/04/2021 00:00:00	K&S PARTNERS, 101, Ivy Terrace, Plot. No. 119, Road no. 44, Kavuri Hills, Madhapur, Hyderabad - 500 033, India; Telephone No.: +91 40 47484950; Mobile No.: +91 9618422400; Fax No.: +91 40 40165212	hyderabad@knspartners.com
87	CHENNAI	202147000529	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com

88	CHENNAI	201947009232	27/04/2021 00:00:00	Puthran & Associates B-3, Kesavan Orchid 5/7, North Mada Street Sri Nagar Colony, Saidapet, Chennai 600015, Tamil Nadu, India.	ipr@puthrans.com
89	CHENNAI	4526/CHE/2015	27/04/2021 00:00:00	NAVEEN N, 13/2/14, SOUTH STREET, BOOTHIPURAM(PO), BODINAYAKANUR(TK), THENI(DT) - 625 531, TAMIL NADU, INDIA,	navin010294@gmail.com
90	CHENNAI	201741029052	27/04/2021 00:00:00	Anand & Anand Advocates B-41,Nizamuddin East New Delhi 110013, India	email@anandandanand.com,archana@anandandanand.com
91	CHENNAI	201741045313	27/04/2021 00:00:00	Kausalya Santhanam 128/129 Phase I, Royal Enclave, Jakkur Post, Srirampura, Bangalore 560064, India.	santhanam.kausalya@gmail.com,ksanthanam@scivistaip.com
92	CHENNAI	201747020968	27/04/2021 00:00:00	Anand & Anand Advocates Flat GA AR Villa New No. 31 (Old No. 13) 3rd main Road Gandhi Nagar Adyar Chennai 60020 (India)	archana@anandandanand.com
93	CHENNAI	201747036619	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600-032 9144 42213444 8939824355 9144 42213402	patent@depenning.com
94	CHENNAI	201741034571	27/04/2021 00:00:00	Arun Kishore Narasani Patent Agent M/s. ipMetrix Consulting Group No. 84, 1st Floor, 4th Cross, Panduranga Nagar, Bannerghatta Road, Bangalore - 560 076	patent@ipmetrix.com
95	CHENNAI	201847016481	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
96	CHENNAI	201947018518	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402 p	patent@depenning.com
97	CHENNAI	202047039957	27/04/2021 00:00:00	Signify Innovations India Ltd., 5th Floor, Green Heart- MMTP Phase IV, Manyata Tech Park, Nagavara, Bangalore- 560045, India. Mobile No.+91-9980836239	ip.india@signify.com
98	CHENNAI	202047035293	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
99	CHENNAI	201641024363	27/04/2021 00:00:00	PATNMARKS 451, 2ND CROSS, 3RD BLOCK, 3RD STAGE, BASAVESHWARANAGAR, BANGALORE 560 079, KARNATAKA STATE, INDIA.	office@patnmarks.com,iprtvs@tvsmotor.com
100	CHENNAI	201941042433	27/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys E-13, UPSIDC, Site-IV, Behind Grand Venice, Kasna Road, Greater Noida 201310, UP, National Capital Region, India.	info@khuranaandkhurana.com

101	CHENNAI	202047005396	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
102	CHENNAI	201941051192	27/04/2021 00:00:00	DR.A.RAJA ASSISTANT PROFESSOR, DEPARTMENT OF MICROBIOLOGY, DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS), THURAIYUR ROAD, PERAMBALUR, TAMILNADU, INDIA, PIN: 621212.	rajajmcmicro@yahoo.co.in
103	CHENNAI	201947000115	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
104	CHENNAI	201841003477	27/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560038, Karnataka, India	bangalore@knspartners.com
105	CHENNAI	201947031269	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
106	CHENNAI	201741001980	27/04/2021 00:00:00	L&T Technology Services Pvt. Ltd. Mohammed Faisal (Ext: 1888; Dept: TSIC) Head, 1 PR Dept. DLF IT SEZ Park, 2nd Floor-Block 3 1/124, Mount Poonamallee Road Ramapuram, Chennai -600 089, INDIA	mohammed.faisal@ltts.com
107	CHENNAI	201947043641	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
108	CHENNAI	201941010944	27/04/2021 00:00:00	House no. 13-1/46, Street no. 2, Veenapani Nagar, Malkajgiri, Secunderabad, Telangana, India.	es17btech11022@iith.ac.in,vanumu@gmail.com,mahidhar@fusiontech.in,vsmahidhar@gmail.com
109	CHENNAI	202141007293	27/04/2021 00:00:00	LEXORBIS, 709/710, Tolstoy House 15-17, Tolstoy Marg New Delhi 110 001, India. Telephone No. 91 1123716565 Mobile No. 9811161518 Fax No. 91 11 23716556 mail@lexorbis.com	mail@lexorbis.com,patent@depenning.com
110	CHENNAI	202147001071	27/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys A-001, Nitesh Central Park, Near Bagalur Crossing, Off Bellary Road, Bengaluru - 560064, India.	Info@khuranaandkhurana.com
111	CHENNAI	202147007969	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 – 42213402	patent@depenning.com

112	CHENNAI	201847047116	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
113	CHENNAI	201941020620	27/04/2021 00:00:00	MaxVal IP Services (P) Ltd Indialand Techpark, 4th Floor, CHIL SEZ, Keeranatham Road Coimbatore - 641 035 INDIA	indiafiling@maxval.com,shankar@maxval.com
114	CHENNAI	201847023326	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032.	patent@depenning.com
115	CHENNAI	201847008005	27/04/2021 00:00:00	Dr. T.V. Ravi PHILIPS INTELLECTUAL PROPERTY & STANDARDS PHILIPS ELECTRONICS INDIA LIMITED, MANYATA TECH PARK, NAGAVARA, BANGALORE - 560 045.	ravi.tumkur@philips.com
116	CHENNAI	201847048708	27/04/2021 00:00:00	PATENTS AND LICENSING DEPARTMENT Novozymes South Asia Pvt. Ltd. Plot No. 32, 47-50 EPIP Area, Whitefield Bangalore 560066 KARNATAKA, INDIA	patentsin@novozymes.com
117	CHENNAI	202141017166	27/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys, E-13, UPSIDC, Site-IV, Behind Grand Venice, Kasna Road, Greater Noida 201310, UP, National Capital Region, India. Telephone No. 0120-4296878 Mobile No. 9810617992 E-mail ID : tarun@khuranaandkhurana.com, info@khuranaandkhurana.com	raghuchandhra@gmail.com,garimella raghuchandra@gmail.com
118	CHENNAI	3180/CHE/2014	27/04/2021 00:00:00	MR. THANGAKUMAR J, ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE, P.O. BOX NO. 1, RAJIV GANDHI SALAI (OMR), PADUR, (VIA), KELAMBAKKAM, CHENNAI - 603 103.	tkumar@hindustanuniv.ac.in
119	CHENNAI	201947036181	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402 patent@depenning.com	patent@depenning.com
120	CHENNAI	201947051651	27/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA. +91-80-40427900 7349778249 +91-80-40427901 ipo@knspartners.com	madhusudan@knspartners.com,ipo@knspartners.com,lnchinta.ipo@nic.in

121	CHENNAI	201847041928	27/04/2021 00:00:00	K & S PARTNERS New Door No. 15 (Old No. 3) Postal Colony 4th Street, West Mambalam, Chennai 600033, Tamil Nadu, India Telephone No. + 91 (44) 49317777 Mobile No. +91 8130055293 Fax No. + 91 (44) 49317788 E-mail ID ipo@knspartners.com	ipo@knspartners.com
122	CHENNAI	201947034951	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402 patent@depenning.com	patent@depenning.com
123	CHENNAI	202047044538	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
124	CHENNAI	201744043107	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com
125	CHENNAI	201947048633	27/04/2021 00:00:00	PATENTS AND LICENSING DEPARTMENT Novozymes South Asia Pvt. Ltd. Plot No. 32, 47-50 EPIP Area, Whitefield Bangalore 560066 KARNATAKA, INDIA	patentsin@novozymes.com,patentin@novozymes.com
126	CHENNAI	201941041868	27/04/2021 00:00:00	K&S Partners, Intellectual Property Attorneys, 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore - 560038, Karnataka Telephone No: +91-80- 40427900 Fax No: +91-80-404-27901 Mob: 7349778249 Email: ipo@knspartners.com	ipo@knspartners.com,patent@depenning.com
127	CHENNAI	201947002000	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
128	CHENNAI	201947035378	27/04/2021 00:00:00	M/s. De Penning & De Penning, 120 Velachery Main Road, Guindy, Chennai 600 032. 9144 - 42213444 8939824355 9144 – 42213402	patent@depenning.com
129	CHENNAI	202147003924	27/04/2021 00:00:00	Signify Innovations India Ltd. 5th Floor, Green Heart -MMTP Phase IV, Manyata Tech Park, Nagavara, Bangalore - 560045, India. Mobile No.: +91-9880131183 Email ID: ip.india@signify.com	ip.india@signify.com
130	CHENNAI	201847015245	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 – 42213402	patent@depenning.com

131	CHENNAI	201947015686	27/04/2021 00:00:00	HASAN AND SINGH, Flat No. 04, Sree Nilayam Apartment, Plot No. 12, Camelot Layout (Near Chirec Public School), Kondapur, Hyderabad-500084, India Phone: +91-8121388786 / +91-40-23019786 / Cell: +91-9492033581 Fax: +91-40-23013786 E-mail: afzal@hasanandsingh.com / hasan@hasanandsingh.com	afzal@hasanandsingh.com,hasan@hasanandsingh.com
132	CHENNAI	201644002808	27/04/2021 00:00:00	KAnalysis Consultant (P.) Ltd KH-368/369, First and Second Floor, Sultanpur M.G. Road, New Delhi-110030 Tel: 91-11-26808990 Mobile: 9811336990 docket@kanalysis.com	docket@kanalysis.com
133	CHENNAI	202041044985	27/04/2021 00:00:00	R.K.Dewan & Co. Podar Chambers, S A. Brelvi Road, Fort, Mumbai 400001, Maharashtra, India	dewan@rkdewanmail.com
134	CHENNAI	201947018684	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai-600 032	patent@depenning.com
135	CHENNAI	201947035908	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
136	CHENNAI	201841002045	27/04/2021 00:00:00	B 403, BRINDHAVAN APARTMENT, 67, CROSS ROAD, NEW WASHERMEN PET, CHENNAI, TAMIL NADU, INDIA, 600081 rdravikumar@yahoo.com	rdravikumar@yahoo.com,nizaam.mohd@gmail.com
137	CHENNAI	201641033823	27/04/2021 00:00:00	Lexorbis 606-607, 6th Floor, Gamma Block, Sigma Soft Tech Park, No.7, Whitefield Main Road, Varthur Hobli, Bengaluru-560066, Karnataka	shivani@lexorbis.com,manisha@lexorbis.com
138	CHENNAI	201947003269	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, 2, Wallace garden, 2nd Street, Chennai - 600 006, India.	IPRDEL@LAKSHMISRI.COM,iprdel@lakshmisri.com
139	CHENNAI	202147016198	27/04/2021 00:00:00	Anand & Anand Advocates Flat GA, AR Villa, New No. 31 (Old No. 13) 3rd main Road, Gandhi Nagar, Adyar,Chennai-60020 (India) Phone No: 91-44-43443777, 120-4059300 Fax No: 120-4243056, 91-44-43504232 E-mail: email@anandandanand.com / chennaianandandanand@yahoo.co.in/ archana@anandandanand.com Mobile No: +91 9717990240	archana@anandandanand.com
140	CHENNAI	202041008965	27/04/2021 00:00:00	Legasis Partners, B-105, ICC Trade Tower, Senapati Bapat Road, Pune - 411016, Maharashtra, India. ip@legasis.in	ip@legasis.in
141	CHENNAI	201841049822	27/04/2021 00:00:00	R.K.Dewan & Co. Dare House Annexe, 4th Floor, No 44, 2nd Line Beach, Chennai - 600001.	dewan@rkdewanmail.com

142	CHENNAI	201941003481	27/04/2021 00:00:00	InvnTree IP Services, 399, 15th Cross, 5th Main, Sector:6, HSR Layout, Bangalore, Karnataka, India, Pin Code-560 102.	ipo@invntree.com,contact@invntree.com
143	CHENNAI	201947022854	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
144	CHENNAI	201947004862	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai-600 032	patent@depenning.com
145	CHENNAI	201947047226	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, 2, Wallace garden, 2nd Street, Chennai - 600 006 India.	srinivasan.t@lakshmisri.com,iprdel@lakshmisri.com
146	CHENNAI	201847025252	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032. 9144 - 42213444	patent@depenning.com
147	CHENNAI	202047011887	27/04/2021 00:00:00	De Penning & De Penning, 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
148	CHENNAI	201747034055	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road Guindy Chennai 600 032	patent@depenning.com
149	CHENNAI	201741037416	27/04/2021 00:00:00	Anuvind Nagaraje Urs, Formulateip Technolegal Solutions Private Limited, #758, 3rd Floor, 19th Main, Dollar Scheme Layout, 2nd Sector, HSR Layout, Bangalore - 560102, Karnataka, India	rprabhu@almtlegal.com,india@formulateip.com
150	CHENNAI	201741044490	27/04/2021 00:00:00	LexOrbis, Unit No. 606 & 607, 6th Floor, Gamma Block, Sigma Soft-Tech Park, No.7, Whitefield Main Road, Ramagondanahalli Village, Varthur Hobli, Bangalore- 560066	shivani@lexorbis.com
151	CHENNAI	201747027736	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy,Chennai-600032.	patent@depenning.com
152	CHENNAI	202147016724	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
153	CHENNAI	5932/CHE/2015	27/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN 2, Wallace garden, 2nd Street, Chennai - 600 006 India	lsmds@lakshmisri.com,IPRDEL@LAKSHMISRI.COM
154	CHENNAI	201744009571	27/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
155	CHENNAI	202047033441	27/04/2021 00:00:00	InvnTree IP Services 399, 15th Cross, 5th main, Sector-6, HSR Layout, Bengaluru: 560102, Karnataka, INDIA	ipo@invntree.com

156	CHENNAI	201944048945	28/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys A-001, Nitesh Central Park, Near Bagalur Crossing, Off Bellary Road, Bengaluru - 560064, India. info@khuranaandkhurana.com	info@khuranaandkhurana.com
157	CHENNAI	201947015027	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402 patent@depenning.com	patent@depenning.com
158	CHENNAI	201947025583	28/04/2021 00:00:00	CANTWELL & CO 120 Velachery Main Road, Guindy , Chennai 600032 9144 - 42213409 8939824355 9144 - 42213402 / 22350783	patent@cantwellandco.com,patent@depenning.com
159	CHENNAI	201847023588	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032.	patent@depenning.com
160	CHENNAI	201847027535	28/04/2021 00:00:00	Remfry & Sagar, Attorneys-at-Law, First Floor, Block-B Chaitanya Imperial Building, 610, Anna Salai, Teynampettai, Chennai - 600018, India, Phone: +91-44-48514474 Fax No: +91-44-48514474 remfry-sagar@remfry.com	remfry-sagar@remfry.com,bpo.mail@ge.com
161	CHENNAI	201847031965	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law 376 B (Old No. 202), Avvai Shanmugam Salai,Gopalapuram Chennai - 600 086	remfry-sagar@remfry.com
162	CHENNAI	201847049972	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032.	patent@depenning.com
163	CHENNAI	202047032330	28/04/2021 00:00:00	K&S PARTNERS, Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA Tel: 08040427900; Mob: 7349778249; Fax: 08040427901	shiva@knspartners.com
164	CHENNAI	201847026005	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032.	patent@depenning.com
165	CHENNAI	201747040494	28/04/2021 00:00:00	Puthran & Associates, B 3, Kesavan Orchid, 5/7 North Mada Street,Sri Nagar Colony Saidapet, Chennai 600015, Tamil Nadu, India.	ipr@puthrans.com
166	CHENNAI	4570/CHE/2015	28/04/2021 00:00:00	Krishna Singhania [IN/PA- 1243] / Chaitanya Wingkar [IN/PA -1532] C/o General Electric India Technology Centre Pvt Ltd. John F. Welch Technology Center, 122, EPIP Phase 2, Hoodi Village, Whitefield Road, Bangalore 560066, INDIA. Email: GEHC_IN_IP-docketroom@ge.com	GEHC_IN_IP-docketroom@ge.com,arun.rajendran@ge.com

167	CHENNAI	201841020397	28/04/2021 00:00:00	DR.C.CHELLASWAMY 22, HARI AVENUE, MANGADU, CHENNAI-600122, TAMILNADU, INDIA.	chella_info@yahoo.co.in
168	CHENNAI	201847034195	28/04/2021 00:00:00	Dr. T.V. Ravi Philips Intellectual Property & Standards Philips India Limited Philips Innovation Campus, MFAR, Manyata Tech Park, Manyata Nagar, Nagavara, Bangalore - 560045 Telephone No: 08041892407 Fax No : 08041892415 E - mail : ip.administration.india@philips.com	ip.administration.india@philips.com
169	CHENNAI	202047005394	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
170	CHENNAI	201847043156	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402 patent@depenning.com	patent@depenning.com
171	CHENNAI	202047018941	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
172	CHENNAI	201947002578	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
173	CHENNAI	201847032151	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law 376 B (Old No. 202), Avvai Shanmugam Salai,Gopalapuram Chennai - 600 086 Tel/Fax: +91-44-42637392 Email: remfry-sagar@remfry.com patents@remfry.com	remfry-sagar@remfry.com
174	CHENNAI	201941002210	28/04/2021 00:00:00	RAVISHANKAR. S.S. 330, II-E-MAIN, OMBR LAYOUT BHUVANAGIRI, BANGALORE - 560 043. ravifeb12345@gmail.com	ravifeb12345@gmail.com
175	CHENNAI	201847017755	28/04/2021 00:00:00	KAndS Partners Intellectual Property Attorneys New Door No. 15 (Old No. 3) Postal Colony 4th Street West Mambalam Chennai 600033 Tamil Nadu India	ipo@knspartners.com
176	CHENNAI	201947051772	28/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys A-001, Nitesh Central Park, Near Bagalur Crossing, Off Bellary Road, Bengaluru - 560064, India.	Info@khuranaandkhurana.com,info@khuranaandkhurana.com
177	CHENNAI	202047013666	28/04/2021 00:00:00	M/s. De Penning & De Penning, 120 Velachery Main Road, Guindy , Chennai 600 032. 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
178	CHENNAI	201947006641	28/04/2021 00:00:00	Puthran & Associates, B-3, Kesavan Orchid, 5/7, North Mada Street, Sri Nagar Colony, Saidapet, Chennai, Tamil Nadu, India, Pin Code-600 015.	ipr@puthrans.com

179	CHENNAI	201847025890	28/04/2021 00:00:00	DR. T.V. RAVI PHILIPS INTELLECTUAL PROPERTY & STANDARDS PHILIPS INDIA LIMITED, MANYATA TECH PARK, NAGAVARA, BANGALORE-560045 Telephone No: 08041892407 Fax No : 08041892415 E - mail : ip.administration.india@philips.com	ip.administration.india@philips.com
180	CHENNAI	201941008092	28/04/2021 00:00:00	PLOT NO. 28, JAGAJEEVA RAM NAGAR, SELAI YUR (POST), CHENNAI - 600 073, TAMIL NADU, INDIA. murudurai@gmail.com	murudurai@gmail.com
181	CHENNAI	202148012726	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road Guindy Chennai 600 032	patent@depenning.com
182	CHENNAI	202047000744	28/04/2021 00:00:00	Signify Innovations India Ltd. Prasad Narasimha 5th Floor, Green Heart-MMTP Phase IV, Manyata Tech Park, Nagavara, Bangalore- 560045, India. Mobile No.+91-9980836239	prasad.narasimha@signify.com,ip.india@signify.com
183	CHENNAI	201847016959	28/04/2021 00:00:00	REMFRY & SAGAR REMFRY HOUSE AT THE MILLENNIUM PLAZA, SECTOR 27, GURGAON - 122 002. NEW DELHI NATIONAL CAPITAL REGION.	remfryandsagar@gmail.com
184	CHENNAI	201741016807	28/04/2021 00:00:00	HASAN AND SINGH, Flat No. 04, Sree Nilayam Apartment, Plot No. 12, Camelot Layout (Near Chirec Public School), Kondapur, Hyderabad-500084, India.	afzal@hasanandsingh.com,hasan@hasanandsingh.com
185	CHENNAI	201941004289	28/04/2021 00:00:00	NO-9, SECOND MAIN ROAD, LAKSHMIPURAM EXTENSION, WEST TAMBARAM, CHENNAI-600 045, TAMIL NADU, INDIA. balajee2000@gmail.com	balajee2000@gmail.com
186	CHENNAI	202141012133	28/04/2021 00:00:00	Ms.K.JAYANTHI, DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, MEPCO SCHLENK ENGINEERING COLLEGE, MEPCO ENGINEERING COLLEGE POST, VIRUDHUNAGAR (VIA) - 626 005. kjayanthi@mepcoeng.ac.in	kjayanthi@mepcoeng.ac.in
187	CHENNAI	6110/CHE/2015	28/04/2021 00:00:00	THE SENIOR MANAGER(DEVELOPMENT), HINDUSTAN AERONAUTICS LTD, FOUNDRY AND FORGE DIVISION, BANGALORE COMPLEX, VIMANAPURA POST, BANGALORE - 560 017, INDIA, devp.fnf@hal-india.com	devp.fnf@hal-india.com
188	CHENNAI	201847048727	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, 2, Wallace garden, 2nd Street, Chennai - 600 006. India.	srinivasan.t@lakshmisri.com,iprdel@lakshmisri.com
189	CHENNAI	201747035455	28/04/2021 00:00:00	Global IP Services Pvt. Ltd. 198F 27th Cross 3rd Block Jayanagar Bangalore 560011 Karnataka INDIA	docketing@globalipservices.com

190	CHENNAI	201947051088	28/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys A-001, Nitesh Central Park, Near Bagalur Crossing, Off Bellary Road, Bengaluru - 560064, India.	Info@khuranaandkhurana.com,info@khuranaandkhurana.com
191	CHENNAI	202148006946	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
192	CHENNAI	201847040867	28/04/2021 00:00:00	K&S PARTNERS, 101, Ivy Terrace, Plot. No. 119, Road no. 44, Kavuri Hills, Madhapur, Hyderabad - 500 033, Telangana, India.	hyderabad@knspartners.com
193	CHENNAI	201841017109	28/04/2021 00:00:00	TVS MOTOR COMPANY LIMITED JAYALAKSHMI ESTATES, 29, (OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006. iprtvs@tvsmotor.com	iprtvs@tvsmotor.com
194	CHENNAI	202142014245	28/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys E-13, UPSIDC, Site-IV, Behind Grand Venice, Kasna Road, Greater Noida 201310, UP, National Capital Region, India.	info@khuranaandkhurana.com
195	CHENNAI	201747035838	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN 2, Wallace garden, 2nd Street, Chennai - 600 006 India.	iprdel@lakshmisri.com
196	CHENNAI	201947017755	28/04/2021 00:00:00	DR. T.V. RAVI PHILIPS INTELLECTUAL PROPERTY & STANDARDS PHILIPS INDIA LIMITED, MANYATA TECH PARK, NAGAVARA, BANGALORE-560045 Telephone No: 08041892407 Fax No : 08041892415 E - mail : ip.administration.india@philips.com	ravi.tumkur@philips.com,ip.administration.india@philips.com
197	CHENNAI	201947029487	28/04/2021 00:00:00	De Penning & De Penning, No. 120, Velachery Main Road, Guindy, Chennai 600 032, India	patent@depenning.com
198	CHENNAI	201747036065	28/04/2021 00:00:00	No 7, Sigma Soft Tech Park, Beta Block, 5th Floor, Opp Varthur Kodi, Whitefield Main Rd, Varthur Kodi, Bangalore, Karnataka, PIN: 560 066	ipo@iphorizons.com
199	CHENNAI	201841032120	28/04/2021 00:00:00	UMA PARAMESWARAN Regd. Patent agent IN/PC-2115, Scitech Patent Art Services Pvt Ltd, Plot No. 17 & 22, APIIC Tech Park, IDA, Nacharam, Hyderabad 500 076, India.	deanicsr@iitm.ac.in
200	CHENNAI	201847025640	28/04/2021 00:00:00	DR. T.V. RAVI PHILIPS INTELLECTUAL PROPERTY & STANDARDS PHILIPS INDIA LIMITED, MANYATA TECH PARK, NAGAVARA, BANGALORE-560045 Telephone No: 08041892407 Fax No : 08041892415 E - mail : ip.administration.india@philips.com	ip.administration.india@philips.com

201	CHENNAI	201947046527	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
202	CHENNAI	202047027938	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
203	CHENNAI	201641024366	28/04/2021 00:00:00	PATNMARKS 451, 2ND CROSS, 3RD BLOCK, 3RD STAGE, BASAVESHWARANAGAR, BANGALORE 560 079	office@patnmarks.com,iprtvs@tvsmotor.com
204	CHENNAI	201644035377	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai-600 032.	patent@depenning.com
205	CHENNAI	201741014163	28/04/2021 00:00:00	M/s. MOHAN ASSOCIATES, Advocates, Patent & Trade Mark Attorneys, Ceebros Building, D-4, IIIrd Floor, New no. 32(old No.11), Cenotaph Road, Teynampet, Chennai - 600 018, India.	brinda@iprightsindia.com
206	CHENNAI	201741023649	28/04/2021 00:00:00	Puthran & Associates, B-3, Kesavan Orchid, 5/7, North Mada Street, Sri Nagar Colony, Saidapet, Chennai 600015, Tamil Nadu, India.	ipr@puthrans.com
207	CHENNAI	201741036838	28/04/2021 00:00:00	Dr. SUKUMAR PUHAN, PACE INSTITUTE OF TECHNOLOGY AND SCIENCES, VALLURU, ONGOLE, ANDHRA PRADESH - 523 272 INDIA. sukumar_p@pace.ac.in	sukumar_p@pace.ac.in
208	CHENNAI	201941023864	28/04/2021 00:00:00	135-138, FIRST FLOOR SRINIVASA RAGHAVAN ROAD, R.S.PURAM COIMBATORE-641002, TAMILNADU gowthayyapan@gmail.com	gowthayyapan@gmail.com
209	CHENNAI	201941032469	28/04/2021 00:00:00	S. SRINATH AND S. BALACHANDRAN PATENT ATTORNEYS L.R.SWAMI CO. 3, PLAYGROUND VIEW STREET, NANDANAM EXTENSION, CHENNAI - 600035	PATENT@LRSWAMI.COM,patent@Lrswami.com,patent@lrswami.com
210	CHENNAI	201941034539	28/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA. +91-80-40427900 +91 7349778249 +91-80-40427901 ipo@knspartners.com	ipo@knspartners.com,bangalore@knspartners.com
211	CHENNAI	201941037136	28/04/2021 00:00:00	D. Moses Jeyakaran Advocate & Patent Agent, IN/PA 369, 245/105, Mettu street, Ayanavaram, Chennai-600 023	arun.may8@gmail.com

212	CHENNAI	202041013008	28/04/2021 00:00:00	DETERMINDS IP SERVICES Plot No.43, Flat No.202, Sai Leela Apartment, Sai Leela Enclave Layout, Ashok Colony, Kapra, A.S.Rao Nagar, Hyderabad-500062, Telangana, India Phone: 8885406788, 8374451281 Email: anilkumarvipr@gmail.com, ruchi.tejpal@gmail.com	anilkumarvipr@gmail.com,ruchi.tejpal@gmail.com
213	CHENNAI	201844017047	28/04/2021 00:00:00	De Penning & De Penning, 120 Velachery Main Road, Guindy, Chennai 600 032.	patent@depenning.com
214	CHENNAI	202044011142	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
215	CHENNAI	2987/CHE/2015	28/04/2021 00:00:00	248, 6th Cross Indiranagar I Stage Bangalore - 560038.	pmarur@yahoo.com
216	CHENNAI	201947019424	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
217	CHENNAI	201947038484	28/04/2021 00:00:00	Remfry & Sagar Attorneys-at-Law First Floor, Block-B, Chaitanya Imperial Building, 610, Anna Salai, Teynampetai Chennai-600 018, India Tel & Fax: 91-44-48514474 Email: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com,patents@remfry.com,remfry-sagar@remfry.com
218	CHENNAI	201847031096	28/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys New Door No 15 (Old No 3) Postal Colony 4th Street, West Mambalam Chennai 600 033 Tamil Nadu, India Tele. No. + 91 (44) 49317777 Mobile No. +91 8130055293 Fax No. + 91 (44) 49317788 E-mail ID ipo@knspartners.com	ipo@knspartners.com
219	CHENNAI	201947019357	28/04/2021 00:00:00	Global IP Services Pvt. Ltd., 198F, 27th Cross, 3rd Block, Jayanagar, Bangalore - 560011, Karnataka, India	docketing@globalipservices.com
220	CHENNAI	201847024841	28/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys, New Door No. 15 (Old No. 3) Postal Colony, 4th Street, West Mambalam, Chennai 600033, Tamil Nadu, India.	ipo@knspartners.com
221	CHENNAI	201941042420	28/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal. PHONE: 91-33-23571010/ 23571215 FAX: 91-33-23571018/ 23571019 E-MAIL:kolkatapatent@Lsdavar.in	kolkatapatent@Lsdavar.in

222	CHENNAI	201847008705	28/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys New Door No. 15 (Old No. 3) Postal Colony 4th Street, West Mambalam, Chennai 600033, Tamil Nadu, India	ipo@knspartners.com
223	CHENNAI	201941002293	28/04/2021 00:00:00	Anuvind Nagaraje Urs and Pallavi Oraon, at FormulateIP Technolegal Solutions Private Limited, Indiqube Orion, First Floor, 24th Main Road, Garden Layout, Sector 2, HSR Layout, Bengaluru 560102, India. (email Id: n.anuvind@formulateip.com, patents@formulateip.com)	n.anuvind@formulateip.com,bm.shruthi@formulateip.com
224	CHENNAI	201847039030	28/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys New Door No. 15 (Old No. 3) Postal Colony 4th Street, West Mambalam, Chennai 600033, Tamil Nadu, India Telephone No. 91 (44) 49317777 Mobile No. +91 8130055293 Fax No. 91 (44) 49317788 E-mail ID ipo@knspartners.com	ipo@knspartners.com
225	CHENNAI	201947051689	28/04/2021 00:00:00	CANTWELL & CO 120 Velachery Main Road, Guindy, Chennai 600032 9144 - 42213409 8939824355 9144 - 42213402 / 22350783	patent@cantwellandco.com
226	CHENNAI	201747013572	28/04/2021 00:00:00	Dr. T.V. Ravi Philips Intellectual Property & Standards Philips India Limited Philips Innovation Campus, MFAR, Manyata Tech Park, Manyata Nagar, Nagavara, Bangalore - 560045.	ravi.tumkur@philips.com
227	CHENNAI	202148018351	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com
228	CHENNAI	201947007256	28/04/2021 00:00:00	De Penning & De Penning, 120 Velachery Main Road, Guindy, Chennai, Tamil Nadu, India, Pin Code-600 032.	patent@depenning.com
229	CHENNAI	201941009550	28/04/2021 00:00:00	S. JANAKI, SITE NO: 7, THIRD PHASE PLS NAGAR, CHINNIAMPALAYAM, COIMBATORE-641062. janakis.cbe@gmail.com	janakis.cbe@gmail.com
230	CHENNAI	201741038179	28/04/2021 00:00:00	DR.SHOBHANA.S THE LIGHT EYE HOSPITAL, 39D, BYPASS ROAD, DHARMAPURI 636701.	shobhanaparikumar@gmail.com
231	CHENNAI	201841027703	28/04/2021 00:00:00	18/2044 B, VALUMMEL ROAD, THOPPUMPADY, KOCHI - 682 005, KERALA. tm.jpls@gmail.com	tm.jpls@gmail.com
232	CHENNAI	201741035819	28/04/2021 00:00:00	LEXORBIS, 709/710, Tolstoy House 15- 17, Tolstoy Marg, New Delhi 110 001, Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556 E-mail ID mail@lexorbis.com	mail@lexorbis.com,ip.bangalore@foxmandal.com

233	CHENNAI	201947045390	28/04/2021 00:00:00	BananaIP counsels No.40, 1st and 2nd Floor, 3rd Main Road, JC Industrial Estate, Kanakapura Road Bangalore-560062 Landmark - Near Metro Cash & carry	patent@bananaip.com
234	CHENNAI	201941041421	28/04/2021 00:00:00	Dr.J.RENE BEULAH, SAVEETHA SCHOOL OF ENGINEERING, SAVEETHA INSTITUTE OF MEDICAL & TECHNICAL SCIENCES,SAVEETHA NAGAR, THANDALAM, CHENNAI - 602105 renebeulah@gmail.com	renebeulah@gmail.com
235	CHENNAI	202047003734	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
236	CHENNAI	202047031183	28/04/2021 00:00:00	K&S PARTNERS, Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA Tel: 08040427900; Mob: 7349778249; Fax: 08040427901	shiva@knspartners.com
237	CHENNAI	201847006996	28/04/2021 00:00:00	Krishna & Saurastri Associates LLP, 2801 Hemavathy, Nandi Enclave, Banashankari III Stage, Bangalore 560085, India	info@krishnaandsaurastri.com
238	CHENNAI	201744007173	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032.	patent@depenning.com
239	CHENNAI	201947015001	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
240	CHENNAI	202043039391	28/04/2021 00:00:00	QUADRIGA, 'MANAS', Plot 47 & 48, Krishnaveni Nagar, North Street, Mugalivakkam, Chennai - 600125, Tamil Nadu	pramesh.kannan@rediffmail.com,viswanath.venkatesh@gmail.com
241	CHENNAI	202044000207	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
242	CHENNAI	202047026446	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
243	CHENNAI	201741011818	28/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal. PHONE: 91-33-23571010/ 23571215 FAX: 91-33-23571018/ 23571019 E-MAIL:lsdavar@ca12.vsnl.net.in	lsdavar@ca12.vsnl.net.in,lsdavar@ndf.vsnl.net.in,kolkatapatent@Lsdavar.in
244	CHENNAI	201941050457	28/04/2021 00:00:00	Eeva IP & IT Services Pvt Ltd, 1st Floor, HIG 139, Bharat Nagar Colony, Moosapet, Hyderabad-500018, Telangana, India.	srinivas@eevatech.com

245	CHENNAI	201947048022	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
246	CHENNAI	201841037958	28/04/2021 00:00:00	FOX MANDAL & ASSOCIATES, FM HOUSE, 6/12, PRIMROSE ROAD, BANGALORE-560 025, KARNATAKA, INDIA. Mail ID: ip.bangalore@foxmandal.in	ip.bangalore@foxmandal.in,sounthark umar@gmail.com
247	CHENNAI	201947053578	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, 2, Wallace garden, 2nd Street, Chennai - 600 006 India	srinivasan.t@lakshmisri.com,iprdel@l akshmisri.com
248	CHENNAI	202044025863	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
249	CHENNAI	202047025709	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
250	CHENNAI	201641009266	28/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys New Door No. 15 (Old No. 3) Postal Colony 4th Street, West Mambalam, Chennai 600033, Tamil Nadu, India	ipo@knspartners.com
251	CHENNAI	202047039432	28/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys A-001, Nitesh Central Park, Near Bagalur Crossing, Off Bellary Road, Bengaluru - 560064, India.	Info@khuranaandkhurana.com
252	CHENNAI	201947021191	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402 patent@depenning.com	patent@depenning.com
253	CHENNAI	202047017841	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
254	CHENNAI	202047011293	28/04/2021 00:00:00	Law Firm of Naren Thappeta #7, Sigma Soft Tech Park, 5th Floor, Beta Block, Whitefield Main Road, Varthur Kodi, Bangalore, Karnataka, PIN: 560 066 Mobile: +919686207117; Fax: 080-66886198 Email: ipo@iphorizons.com	ipo@iphorizons.com
255	CHENNAI	201641022010	28/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN 2, Wallace garden, 2nd Street, Chennai - 600 006 India	lsmds@lakshmisri.com,IPRDEL@LA KSHMISRI.COM
256	CHENNAI	201947038704	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law 376 B (Old No. 202), Avvai Shanmugam Salai,Gopalapuram Chennai - 600 086 Tel/Fax: +91-44-42637392 Email: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com,patents@rem fry.com

257	CHENNAI	201947008889	28/04/2021 00:00:00	De Penning & De Penning, 120 Velachery Main Road, Guindy, Chennai 600 032.	patent@depenning.com
258	CHENNAI	201947020642	28/04/2021 00:00:00	Remfry & Sagar Attorneys-at-Law First Floor, Block-B, Chaitanya Imperial Building, 610, Anna Salai, Teynampetai, Chennai-600 018, India Tel & Fax: 91-44-48514474 Email: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com,remfry-sagar@remfry.com
259	CHENNAI	202041006196	28/04/2021 00:00:00	THIAGARAJAR POLYTECHNIC COLLEGE, PB. NO.523, JUNCTION MAIN ROAD,SALEM - 636 005, TAMIL NADU, INDIA. tptprincipal@gmail.com ., faridoffical3@gmail.com	tptprincipal@gmail.com
260	CHENNAI	201747036138	28/04/2021 00:00:00	Anand & Anand Advocates Flat GA AR Villa New No. 31 (Old No. 13) 3rd main Road Gandhi Nagar Adyar Chennai 60020 (India) Mobile No: +91 9717990240	email@anandandanand.com
261	CHENNAI	201847013664	28/04/2021 00:00:00	REMFRY HOUSE AT THE MILLENNIUM PLAZA, SECTOR 27, GURGAON - 122 002. NEW DELHI NATIONAL CAPITALREGION.	remfry-sagar@remfry.com
262	CHENNAI	201847049978	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032.	patent@depenning.com
263	CHENNAI	202141011345	28/04/2021 00:00:00	Prometheus Patent Services Pvt Ltd, Plot No. 34B, Sai Dwaraka Sinman, 1st Floor, HUDA Heights, Near Lotus Pond, MLA Colony, Road No. 12, Banjarahills, Hyderabad-500034, Telangana, India.	patentagent@prometheusip.com
264	CHENNAI	202048025765	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com
265	CHENNAI	201747045847	28/04/2021 00:00:00	Dr. T.V. Ravi Philips Intellectual Property & Standards Philips India Limited Philips Innovation Campus, MFAR, Manyata Tech Park, Manyata Nagar, Nagavara, Bangalore - 560045 Telephone No: 080 41892407 Fax No : 080 41892415 E - mail : ravi.tumkur@philips.com	ravi.tumkur@philips.com
266	CHENNAI	201847032345	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law 376 B (Old No. 202), Avvai Shanmugam Salai,Gopalapuram Chennai - 600 086	remfry-sagar@remfry.com
267	CHENNAI	201747039783	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys at Law 376-B, (Old No. 202), Avvai Shanmugam Salai, Gopalapuram, Chennai 600 086 Tel/Fax: +91 44 42637392 Email: remfry sagar@remfry.com patents@remfry.com	remfry-sagar@remfry.com

268	CHENNAI	201947045534	28/04/2021 00:00:00	Anand & Anand Advocates Flat GA, AR Villa, New No. 31 (Old No. 13) 3rd main Road, Gandhi Nagar, Adyar,Chennai-60020 Phone No: 91-44-43443777, 120-4059300 Fax No: 120-4243056, 91-44-43504232 E-mail: email@anandandanand.com / chennaianandandanand@yahoo.co.in/ archana@anandandanand.com No: +91 9717990240	archana@anandandanand.com,email@anandandanand.com
269	CHENNAI	201641042390	28/04/2021 00:00:00	Vure Prasad, Flat no- 002, SLS Royale Nest, Bhandaru Layout, Near Nizampet Village Bus Stop, Nizampet, Hyderabad-500090 Telangana, India Email id:	vureprasad@gmail.com,vureprasad@rediffmail.com
270	CHENNAI	201741037626	28/04/2021 00:00:00	Nalini Kant Pandey House No.10-C/5, Sector-10, Vasundhara, Ghaziabad-201012, Uttar Pradesh	ipr.mips@gmail.com,nalinikant.pandey@gmail.com
271	CHENNAI	201941033488	28/04/2021 00:00:00	Mr. BALAMURALI. K, POST GRADUATE STUDENT, DEPARTMENT OF CIVIL ENGINEERING, SRI KRISHNA COLLAGE OF TECHNOLOGY, COIMBATORE, TAMILNADU, INDIA, PINCODE-641042. balakmurali31@gmail.com	balakmurali31@gmail.com
272	CHENNAI	202044001026	28/04/2021 00:00:00	K&S PARTNERS, Intellectual Property Attorneys, 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA.	ipo@knspartners.com,bangalore@knspartners.com
273	CHENNAI	202047035674	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
274	CHENNAI	202147008867	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
275	CHENNAI	201941002436	28/04/2021 00:00:00	InvnTree IP Services, 399, 15th Cross, 5th Main, Sector:6, HSR Layout, Bangalore, Karnataka, India, Pin Code-560 102.	ipo@invntree.com,contact@invntree.com
276	CHENNAI	201947021094	28/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law First Floor, Block-B, Chaitanya Imperial Building, 610, Anna Salai, Teyanampetai, Chennai-600 018, India.	mahua.ray@remfry.com,remfry-sagar@remfry.com
277	CHENNAI	201947021192	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
278	CHENNAI	201941002459	28/04/2021 00:00:00	Unicita Consulting Private Limited, 44/1, 1st Floor, Sri Ram Mandir Road, Basavanagudi, Bangalore - 560 004 Karnataka, India.	gosakan@unicitaconsulting.com

279	CHENNAI	201947005847	28/04/2021 00:00:00	Arindam Paul, De Penning & De Penning, 120 Velachery Main Road, Guindy, Chennai, Tamil Nadu, India, Pin Code-600 032.	patent@depenning.com
280	CHENNAI	201947018750	28/04/2021 00:00:00	Global IP Services Pvt. Ltd., 198F, 27th Cross, 3rd Block, Jayanagar, Bangalore - 560011, Karnataka, India.	docketing@globalipservices.com
281	CHENNAI	202048054502	28/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
282	CHENNAI	202141000231	29/04/2021 00:00:00	HL NARENDRA BHATTA C/O INTELLOCOPIA IP SERVICES 120, 4TH FLOOR, 1ST MAIN,NEXT TO HDFC BANK, DR.RAJKUMAR ROAD, RAJAJINAGAR, BANGALORE-560010	bhatta@ipcopia.com,info@ipcopia.com
283	CHENNAI	201941018030	29/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA.	bangalore@knspartners.com
284	CHENNAI	201847019164	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law 376 B (Old No. 202), Avvai Shanmugam Salai, Gopalapuram Chennai - 600 086 Tel/Fax: +91-44-42637392 Email: remfry-sagar@remfry.com	remfry-sagar@remfry.com
285	CHENNAI	201947018402	29/04/2021 00:00:00	Anand & Anand Advocates Flat GA, AR Villa, New No. 31 (Old No. 13) 3rd main Road, Gandhi Nagar, Adyar,Chennai-60020 (India)	archana@anandandanand.com,email@anandandanand.com
286	CHENNAI	201847026617	29/04/2021 00:00:00	Remfry House, Millenium Plaza, Sec-27	remfry-sagar@remfry.com
287	CHENNAI	201947004872	29/04/2021 00:00:00	KAnalysis Consultant (P.) Ltd KH-368/369, First and Second Floor, Sultanpur M.G. Road, New Delhi-110030 Tel: 91-11-26808990 Mobile: 9811336990 E-mail: docket@kanalysis.com	docket@kanalysis.com,bpo.mail@ge.com,DOCKET@KANALYSIS.COM
288	CHENNAI	3523/CHE/2015	29/04/2021 00:00:00	LEXORBIS, 709/710, Tolstoy House 15-17, Tolstoy Marg, New Delhi 110 001, Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556 E-mail ID mail@lexorbis.com	mail@lexorbis.com,ip.bangalore@foxmandal.in
289	CHENNAI	201941042129	29/04/2021 00:00:00	M/s. BIOROOT EXPLORATION INDIA PVT.LTD, BHAVANA, FELIX ROAD, THAMMANAM POST, COCHIN-682 032, KERALA, SOUTH INDIA. busicat3384@gmail.com	busicat3384@gmail.com
290	CHENNAI	201941050413	29/04/2021 00:00:00	ALTACIT GLOBAL C2-A, Industrial Estate, Guindy, Chennai - 600 032	ip@altacit.com
291	CHENNAI	201948038900	29/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com

292	CHENNAI	201941020013	29/04/2021 00:00:00	C/O S. VISWANATHA SASTRY, DOOR NO: 2-159/1, ANJANEYA NAGAR, ROAD NO-3, APSP (PO), KAKINADA-533005, ANDHRA PRADESH, INDIA.	sramasree79@gmail.com
293	CHENNAI	201941045181	29/04/2021 00:00:00	R.K.DEWAN & CO. PODAR CHAMBERS, S A. BRELVI ROAD, FORT, MUMBAI 400001 MAHARASHTRA	dewan@rkdewanmail.com,helpdesk@rkdewanmail.com
294	CHENNAI	201941014079	29/04/2021 00:00:00	M. MEENAKSHI, 41, STREET NO.9, TATABAD, COIMBATORE, TAMIL NADU, INDIA - 641 012. svswcbe@gmail.com	svswcbe@gmail.com
295	CHENNAI	201947011892	29/04/2021 00:00:00	M.S. DEVI, K&S PARTNERS Intellectual Property Attorneys, 101, Ivy Terrace, Plot. No. 119, Road no. 44, Kavuri Hills, Madhapur, Hyderabad, Telangana, India, Pin Code-500 033.	hyderabad@knspartners.com
296	CHENNAI	201841042069	29/04/2021 00:00:00	1.IN/PN/ 1049 2.IN/PN/2633 1. Arun Kishore Narasani 2. Syed Murtuza M/s. ipMetrix Consulting Group No. 84, 1st Floor, 4th Cross, Panduranga Nagar, Bannerghatta Road, Bangalore - 560 076	patent@ipmetrix.com
297	CHENNAI	202047028220	29/04/2021 00:00:00	Signify Innovations India Ltd., 5th Floor, Green Heart- MMTP Phase IV, Manyata Tech Park, Nagavara, Bangalore- 560045, India. Mobile No.+91-9980836239	prasad.narasimha@signify.com,ip.india@signify.com
298	CHENNAI	201947030169	29/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, 2, Wallace garden, 2nd Street, Chennai - 600 006 India iprdel@lakshmisri.com	srinivasan.t@lakshmisri.com,iprdel@lakshmisri.com
299	CHENNAI	201947021222	29/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys Door No. 15 (Old No. 3) Postal Colony 4th Street, West Mambalam, Chennai 600033, Tamil Nadu, India	chennai@knspartners.com
300	CHENNAI	201947041475	29/04/2021 00:00:00	SELVAM AND SELVAM OLD NO.9, VALLIAMMAL STREET, FIRST FLOOR, KILPAUK, CHENNAI-600 010 TAMILNADU patents@selvams.com	patents@selvams.com
301	CHENNAI	201941016854	29/04/2021 00:00:00	Eeva IP & IT Services Pvt Ltd, 1st Floor, HIG 139, Bharat NagarColony, Moosapet, Hyderabad- 500018, Telangana, India.	srinivas@eevatech.com,info@eevatech.com
302	CHENNAI	201847032609	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law 376 B (Old No. 202), Avvai Shanmugam Salai,Gopalapuram Chennai - 600 086 Tel/Fax: +91-44-42637392 Email: remfry-sagar@remfry.com patents@remfry.com	remfry-sagar@remfry.com

303	CHENNAI	201947018187	29/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
304	CHENNAI	201741004668	29/04/2021 00:00:00	InvnTree IP Services, 399, 15th Cross, 5th Main, Sector:6, HSR Layout, Bangalore: 560102, Karnataka, INDIA	ipo@invntree.com,contact@invntree.com
305	CHENNAI	201848039603	29/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, 2, Wallace garden, 2nd Street, Chennai - 600 006 India	iprdel@lakshmisri.com
306	CHENNAI	202041010825	29/04/2021 00:00:00	G. Arun Kumar K&S PARTNERS Intellectual Property Attorneys Door No. 15 (Old No. 3), Postal Colony 4th Street, West Mambalam, Chennai 600033, Tamil Nadu, India	ipo@knspartners.com,arunkumar@knspartners.com
307	CHENNAI	201947019157	29/04/2021 00:00:00	K&S PARTNERS 101, Ivy Terrace, Plot. No. 119, Road no. 44, Kavuri Hills, Madhapur, Hyderabad - 500 033, India hyderabad@knspartners.com	hyderabad@knspartners.com
308	CHENNAI	201941032289	29/04/2021 00:00:00	Dr.K.SRINIVASAN PROFESSOR & HOD-EEE, TAGORE ENGINEERING COLLEGE, RATHINA MANGALAM, CHENNAI-600 127, TAMILNADU, INDIA. omsrivas@yahoo.co.in	omsrivas@yahoo.co.in
309	CHENNAI	201747033626	29/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys Door No. 15 (Old No. 3),Postal Colony 4th Street, West Mambalam,Chennai 600033, Tamil Nadu,India. Tel: + 91 (44) 49317777 Fax No.: 91 (44) 49317788 Mobile: +91 9566000740	chennai@knspartners.com
310	CHENNAI	201841017524	29/04/2021 00:00:00	BananaIP Counsels No.40,2nd Floor, 3rd Main Road, JC Industrial Estate, Kanakapura Road Bangalore-62. Landmark Near Metro	patent@bananaip.com,nitin@bananaip.com
311	CHENNAI	201741009376	29/04/2021 00:00:00	K&S Partners Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA Phone: +91-80-40427900 Fax No. +91-80-40427901 Mob No.: +91 7349778249 E-mail: bangalore@knspartners.com	bangalore@knspartners.com,ip.bangalore@foxmandal.com
312	CHENNAI	201947030271	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law First Floor, Block-B, Chaitanya Imperial Building, 610, Anna Salai, Teyanampetai, Chennai-600 018, India Tel/Fax: +91-44-42637392 Email: remfry-sagar@remfry.com patents@remfry.com	mahua.ray@remfry.com,remfry-sagar@remfry.com

313	CHENNAI	202047018830	29/04/2021 00:00:00	Anand & Anand Advocates Flat GA, AR Villa, New No. 31 (Old No. 13) 3rd main Road, Gandhi Nagar, Adyar,Chennai-60020 (India) Phone No: 91-44-43443777, 120-4059300 Fax No: 120-4243056, 91-44-43504232 E-mail: email@anandandanand.com / chennaianandandanand@yahoo.co.in/ archana@anandandanand.com Mobile No: +91 9717990240	archana@anandandanand.com,email@anandandanand.com
314	CHENNAI	202047029319	29/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
315	CHENNAI	202141001705	29/04/2021 00:00:00	No 157, 5th Cross, South Avenue L/O Gottigere Sankar Nag Road Bangalore 560083, Karnataka, India	dbasu@oneon.in,debjit_basu@yahoo.com,parulchaturvedi@yahoo.com
316	CHENNAI	201941042631	29/04/2021 00:00:00	De Penning & De Penning , 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com
317	CHENNAI	201847042414	29/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
318	CHENNAI	201841043507	29/04/2021 00:00:00	M/s. ipMetrix Consulting Group No. 84, 1st Floor, 4th Cross, Panduranga Nagar, Bannerghatta Road, Bangalore - 560 0076	patent@ipmetrix.com
319	CHENNAI	201841044218	29/04/2021 00:00:00	Ideas2IPR, B-115 Chander Nagar, Janak Puri, New Delhi-110058.	mail@ideas2ipr.com
320	CHENNAI	202041028310	29/04/2021 00:00:00	QUADRIGA, 'MANAS', Plot 47 & 48, Krishnaveni Nagar, North Street, Mugalivakkam, Chennai - 600125, Tamil Nadu. pramesh.kannan@rediffmail.com	pramesh.kannan@rediffmail.com,viswanath.venkatesh@gmail.com
321	CHENNAI	201747010220	29/04/2021 00:00:00	K & S PARTNERS, Intellectual Property Attorneys, New Door No. 15 (Old No. 3), Postal Colony 4th Street, West Mambalam, Chennai 600033, Tamil Nadu, India.	ipo@knspartners.com
322	CHENNAI	201848039602	29/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, 2, Wallace garden, 2nd Street, Chennai - 600 006 India	iprdel@lakshmisri.com,malathi.l@lakshmisri.com
323	CHENNAI	201741032089	29/04/2021 00:00:00	BananaIP Counsels No.40,2nd Floor, 3rd Main Road, JC Industrial Estate, Kanakapura Road Bangalore-62. Landmark Near Metro	patent@bananaip.com,nitin@bananaip.com
324	CHENNAI	201847013221	29/04/2021 00:00:00	Anand & Anand Advocates Flat GA, AR Villa, New No. 31 (Old No. 13) 3rd main Road, Gandhi Nagar, Adyar,Chennai-60020 (India) Phone No: 91-44-43443777, 120-4059300 Fax No: 120-4243056, 91-44-43504232 E-mail: email@anandandanand.com / chennaianandandanand@yahoo.co.in/ archana@anandandanand.com Mobile No: +91 9717990240	email@anandandanand.com

325	CHENNAI	201947002640	29/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA. Telephone no.: +91-80-40427900 Mobile no.: +91-7349778249 Fax no.: +91-80-40427901	cnaveen@knspartners.com,ipo@knspartners.com
326	CHENNAI	201841025021	29/04/2021 00:00:00	BHUPATHIRAJU VSSRK RAJU Flat No. 501, Plot No. F3, Sri Sai Style, CMC Layout, Kondapur, Hyderabad - 500084	bhupathi.raju@hotmail.com,patentagent@prometheusip.com
327	CHENNAI	201944020918	29/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law 376 B (Old No. 202), Avvai Shanmugam Salai,Gopalapuram Chennai - 600 086 Tel/Fax: +91-44-42637392 Email: remfry-sagar@remfry.com patents@remfry.com	patents@remfry.com,remfry-sagar@remfry.com
328	CHENNAI	201947002635	29/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
329	CHENNAI	201947010107	29/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
330	CHENNAI	202047000107	29/04/2021 00:00:00	De Penning & De Penning, No. 120, Velachery Main Road, Guindy, Chennai 600 032, India	patent@depenning.com
331	CHENNAI	201941050483	29/04/2021 00:00:00	Einfolge Technologies Pvt. Ltd., Ground Floor, Creator Building, International Technology Park, Whitefield, Bengaluru 560066, India. ipr@einfolge.com	ipr@einfolge.com
332	CHENNAI	201847015397	29/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032.	patent@depenning.com
333	CHENNAI	201741020855	29/04/2021 00:00:00	LEXORBIS, 709/710, Tolstoy House 15- 17, Tolstoy Marg, New Delhi 110 001, Telephone No. 91 11 23716565 Mobile No. 9811161518 Fax No. 91 11 23716556 E-mail ID mail@lexorbis.com	mail@lexorbis.com,ip.bangalore@foxmandal.com
334	CHENNAI	201741002104	29/04/2021 00:00:00	ZAHIR SALIM SIYO, CHALANKARA, VAVAD (P.O), KOZHIKODE, KERALA-673 572, INDIA.	siyologics@gmail.com
335	CHENNAI	201947002797	29/04/2021 00:00:00	Remfry & Sagar Attorneys-at-Law First Floor, Block-B, Chaitanya Imperial Building, 610, Anna Salai, Teynampetai, Chennai-600 018, India Tel & Fax: 91-44-48514474 Email: remfry-sagar@remfry.com patents@remfry.com	r.mahesh@remfry.com,patents@remfry.com

336	CHENNAI	202047029512	29/04/2021 00:00:00	HASAN AND SINGH, No. 04, Sree Nilayam, Plot No. 12, Camelot Layout, Kondapur, Hyderabad-500084, India Phone: +91-8121388786 / +91-40-23019786 / Cell: +91-9492033581 Fax : +91-40-23013786 E-Mail : afzal@hasanandsingh.com / hasan@hasanandsingh.com	afzal@hasanandsingh.com
337	CHENNAI	202044012420	29/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com
338	CHENNAI	202141008126	29/04/2021 00:00:00	P. ILANANGAI No.5/3, 2-B, Kantha Ramaniyam, RK Nagar First Cross Street, Mandaveli, Chennai-600 028	ilanangai_ilan@yahoo.co.in
339	CHENNAI	202047010034	29/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
340	CHENNAI	201841012335	29/04/2021 00:00:00	Shri. BaskaranDharmar Dean, Faculty of Food Sciences, College of Food and Dairy Technology, Tamil Nadu Veterinary and Animal Sciences University, Alamathi - Koduveli, Chennai - 600 052, TamilNadu, India.	baskaran.d@tanuvas.ac.in,dharmabas@gmail.com
341	CHENNAI	201941005695	29/04/2021 00:00:00	SAIKRISHNA & ASSOCIATES ADVOCATES B-140, Sector 51, Noida-201301, NCR, India Tel: +91-120 4633900 (100 Lines) Mobile No.:9821378432 Fax: +91-120 4633999	patent@saikrishnaassociates.com,garima@saikrishnaassociates.com
342	CHENNAI	202041016361	29/04/2021 00:00:00	Metayage IP Strategy Consulting LLP, No. 501A, E Block, 4th Floor, PSG STEP, PSG College of Technology, Peelamedu, Coimbatore - 641004, Tamilnadu, India.	ipo@myipstrategy.com,arjun@myipstrategy.com
343	CHENNAI	201947038044	29/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA.	ramya.rao@knspartners.com,ipo@knspartners.com
344	CHENNAI	201741011714	29/04/2021 00:00:00	De Penning & De Penning, 120 Velachery Main Road, Guindy , Chennai-600 032	patent@depenning.com
345	CHENNAI	201947043038	29/04/2021 00:00:00	SHARAD VADEHRA, A-11, Shubham Enclave, Paschim Vihar, New Delhi-110063, INDIA	knk@kankrishme.com
346	CHENNAI	201941050388	30/04/2021 00:00:00	PLOT NO. 28, JAGAJEEVA RAM NAGAR, SELAI YUR (POST), CHENNAI - 600 073, TAMIL NADU, INDIA. murudurai@gmail.com	murudurai@gmail.com
347	CHENNAI	202041054179	30/04/2021 00:00:00	V. RAJESHWARA PRASAD, House No: 2-4-118, Ramnagar street, Hanamkonda Town, Warangal (Urban) District, Telangana State, INDIA PIN Code: (506001)	vooradi.rajeshwar@gmail.com

348	CHENNAI	201941046330	30/04/2021 00:00:00	Dr.SUNEETHA VUPPU VELLORE INSTITUTE OF TECHNOLOGY, GORBACHEV ROAD, VELLORE, TAMILNADU, INDIA-632014. patent.ip@eattributes.com	patent.ip@eattributes.com
349	CHENNAI	202041037376	30/04/2021 00:00:00	FRANCIS XAVIER ENGINEERING COLLEGE, 103/G2, BYPASS ROAD, VANNARPETTAI, TIRUNELVELI-627003, TAMIL NADU, INDIA. principal@francisxavier.ac.in	principal@francisxavier.ac.in
350	CHENNAI	201747001973	30/04/2021 00:00:00	#7, SIGMA SOFT TECH PARK, 5TH FLOOR, BETA BLOCK, WHITEFIELD MAIN ROAD, OPP TO VARTHUR LAKE, VARTHUR KODI, BANGALORE - 560 066.	debasgis.dash@aurobindo.com
351	CHENNAI	201947027219	30/04/2021 00:00:00	K&S Partners | Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Ext.), Bangalore 560038, India T: +91 80 4042 7900	cnaveen@knspartners.com,ipo@knspartners.com
352	CHENNAI	201947041503	30/04/2021 00:00:00	Anand & Anand Advocates Flat GA, AR Villa, New No. 31 (Old No. 13) 3rd main Road, Gandhi Nagar, Adyar,Chennai-60020 (India) Phone No: 91-44-43443777, 120-4059300 Fax No: 120-4243056, 91-44-43504232 E-mail: email@anandandanand.com / chennaianandandanand@yahoo.co.in/ archana@anandandanand.com Mobile No: +91 9717990240	archana@anandandanand.com,email@anandandanand.com
353	CHENNAI	201847003586	30/04/2021 00:00:00	Dr. T.V. Ravi Philips Intellectual Property & Standards Philips India Limited Philips Innovation Campus, MFAR, Manyata Tech Park, Manyata Nagar, Nagavara, Bangalore - 560 045.	ravi.tumkur@philips.com
354	CHENNAI	201947051508	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
355	CHENNAI	201744025238	30/04/2021 00:00:00	De Penning & De Penning, 120 Velachery Main Road, Guindy, Chennai-600 032. 8939824355	patent@depenning.com
356	CHENNAI	202147005374	30/04/2021 00:00:00	FormulateIP Technolegal Solutions Private Limited, Indiqube Orion, First Floor, 24th Main Road, Garden Layout, Sector 2, HSR Layout, Bangalore - 560102 Karnataka, India	bm.shruthi@formulateip.com
357	CHENNAI	202047052885	30/04/2021 00:00:00	Signify Innovations India Ltd. 5th Floor, Green Heart -MMTP Phase IV, Manyata Tech Park, Nagavara, Bangalore - 560045, India. Mobile No.: +91-9880131183 Email ID: ip.india@signify.com	ip.india@signify.com

358	CHENNAI	201947014234	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
359	CHENNAI	201947031000	30/04/2021 00:00:00	KHURANA & KHURANA, Advocates and IP Attorneys A-001, Nitesh Central Park, Near Bagalur Crossing, Off Bellary Road, Bengaluru - 560064, India.	Info@khuranaandkhurana.com,info@khuranaandkhurana.com
360	CHENNAI	201847020476	30/04/2021 00:00:00	K & S Partners, Intellectual Property Attorneys, 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore - 560038, Karnataka. Telephone No: 91-80-40427900 Fax No: 91-80-404-27901 Email: bangalore@knspartners.com	bangalore@knspartners.com,bpo.mail@ge.com,ipo@knspartners.com
361	CHENNAI	201741000780	30/04/2021 00:00:00	P. UMA MAHESWARI & K. M. MEERA SHERIFFA BEGUM, DEPARTMENT OF CHEMICAL ENGINEERING, NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI, TAMIL NADU-620 015.	saravanan3010@gmail.com
362	CHENNAI	202044011765	30/04/2021 00:00:00	Mr.Senthil Kumar N, Regd, Patent Agent M/s, Intepat IP Services Pvt Ltd NO:8, 1st Floor, 15th Cross, 100ft Ring Road, JP Nagar 6th Phase, Bangalore560078.	patent@intepat.com,senthil@intepat.com
363	CHENNAI	201947019533	30/04/2021 00:00:00	CANTWELL & CO 120 Velachery Main Road, Guindy, Chennai 600032 9144 - 42213409 8939824355 9144 - 42213402 / 22350783	patent@cantwellandco.com
364	CHENNAI	202047004983	30/04/2021 00:00:00	De Penning & De Penning, No. 120, Velachery Main Road, Guindy, Chennai 600 032, India	patent@depenning.com
365	CHENNAI	201847033686	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys New Door No 15 (Old No 3) Postal Colony 4th Street, West Mambalam Chennai 600 033 Tamil Nadu, India	ipo@knspartners.com
366	CHENNAI	201944025130	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 patent@depenning.com	patent@depenning.com
367	CHENNAI	201947034426	30/04/2021 00:00:00	DR. T.V. RAVI PHILIPS INTELLECTUAL PROPERTY & STANDARDS PHILIPS INDIA LIMITED, MANYATA TECH PARK, NAGAVARA, BANGALORE-560045	ravi.tumkur@philips.com,ip.administration.india@philips.com
368	CHENNAI	201941033816	30/04/2021 00:00:00	Allinnov Research and Development Private Limited, M-511, 1st Cross, Phase II, TNHB, Krishnagiri, TamilNadu - 635001.	patent@allinnov.org

369	CHENNAI	202044014522	30/04/2021 00:00:00	REMFRY & SAGAR Attorneys-at-Law 376 B (Old No. 202), Avvai Shanmugam Salai,Gopalapuram Chennai - 600 086 Tel/Fax: +91-44-42637392 Email: remfry-sagar@remfry.com patents@remfry.com	patents@remfry.com,remfry-sagar@remfry.com
370	CHENNAI	201741004957	30/04/2021 00:00:00	S.R.NANDHAKUMAR ADVOCATE & PATENT AGENT NO.4/6, V.K.L. STREET N.G.G.O. COLONY COIMBATORE-641 022.	srnandkum@rediffmail.com,srnandkum@gmail.com,sgowthami12@gmail.com
371	CHENNAI	201947043050	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402 patent@depenning.com	patent@depenning.com
372	CHENNAI	202047011962	30/04/2021 00:00:00	Signify Innovations India Ltd. Prasad Narasimha 5th Floor, Green Heart-MMTP Phase IV, Manyata Tech Park, Nagavara, Bangalore- 560045, India. Mobile No.+91-9980836239	prasad.narasimha@signify.com,ip.india@signify.com
373	CHENNAI	202041038187	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
374	CHENNAI	202044000799	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com
375	CHENNAI	201947030304	30/04/2021 00:00:00	BananaIP Counsels No.40,2nd Floor, 3rd Main Road, JC Industrial Estate, Kanakapura Road Bangalore-560062. Landmark Near Metro	patent@bananaip.com,vinita@bananaip.com
376	CHENNAI	201741012186	30/04/2021 00:00:00	TVS Motor Company Limited JAYALAKSHMI ESTATES NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI, 600 006. iprtvs@tvsmotor.com	iprtvs@tvsmotor.com
377	CHENNAI	201947018494	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
378	CHENNAI	202047017468	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
379	CHENNAI	201944020247	30/04/2021 00:00:00	K & S PARTNERS Intellectual Property Attorneys New Door No. 15 (Old No. 3) Postal Colony 4th Street, West Mambalam, Chennai 600033, Tamil Nadu, India Telephone No. 91 (44) 49317788 Mobile No. +91 8130055293 Fax No. 91 (44) 49317788 E-mail ID ipo@knspartners.com	ipo@knspartners.com
380	CHENNAI	201947039561	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com

381	CHENNAI	201744030508	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
382	CHENNAI	201947049912	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402 patent@depenning.com	patent@depenning.com
383	CHENNAI	201741037480	30/04/2021 00:00:00	Anuvind Nagaraje Urs, Formulateip Technolegal Solutions Private Limited, #758, 3rd Floor, 19th Main, Dollar Scheme Layout, 2nd Sector, HSR Layout, Bangalore - 560102, Karnataka, India	rprabhu@almtlegal.com
384	CHENNAI	2523/CHE/2014	30/04/2021 00:00:00	Jupiter Law Partners Office No. 123, First Floor, Vipul Agora, M G Road Gurgaon -122002 Mobile No: 0-98189-58627 Email: sujit@jupiterlawpartners.com	sujit@jupiterlawpartners.com
385	CHENNAI	201947033624	30/04/2021 00:00:00	K&S PARTNERS 101, Ivy Terrace, Plot. No. 119, Road no. 44, Kavuri Hills, Madhapur, Hyderabad - 500 033, India	hyderabad@knspartners.com
386	CHENNAI	201947002952	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA. +91-80-40427900 7349778249 +91-80-40427901 ipo@knspartners.com	ramya.rao@knspartners.com,ipo@knspartners.com
387	CHENNAI	202041050506	30/04/2021 00:00:00	Mr.L.KARTHIKEYAN, ASSISTANT PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, RAMCO INSTITUTE OF TECHNOLOGY, KRISHNAPURAM PANCHAYAT, NORTH VENGANALLUR VILLAGE, RAJAPALAYAM - 626 117. karthikeyan@ritrjpm.ac.in	karthikeyan@ritrjpm.ac.in
388	CHENNAI	201847024185	30/04/2021 00:00:00	Dr. TV. Ravi Philips Intellectual Property & Standards Philips India Limited Philips Innovation Campus, MFAR, Manyata Tech Park, Manyata Nagar, Nagavara, Bangalore -560045	ip.administration.india@philips.com
389	CHENNAI	201747042160	30/04/2021 00:00:00	De Penning & De Penning, 120 Velachery Main Road,Guindy, Chennai- 600032	patent@depenning.com
390	CHENNAI	201847042784	30/04/2021 00:00:00	REMFRY & SAGAR, Attorneys-at-Law, First Floor, Block-B, Chaitanya Imperial Building, 610, Anna Salai, Teyanampetai, Chennai-600 018, India.	ranjna.dutt@remfry.com,remfry-sagar@remfry.com
391	CHENNAI	202141000717	30/04/2021 00:00:00	ALTACIT GLOBAL C2-A, Industrial Estate, Guindy, Chennai - 600 032	ip@altacit.com,info@altacit.com

392	CHENNAI	201947045009	30/04/2021 00:00:00	K&S PARTNERSIntellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA 91 7349778249	cnaveen@knspartners.com,bangalore@knspartners.com
393	CHENNAI	201941038192	30/04/2021 00:00:00	Bency Varghese, PATENTOMARK #105, Sai Nandana Presidency, 11th cross, 5th main road, Vijaya Bank Layout, Bilekkahalli, Bangalore 560076	bency@patentomark.com
394	CHENNAI	201847039791	30/04/2021 00:00:00	CANTWELL & CO 120 Velachery Main Road, Guindy, Chennai 600032. 9144 - 42213409 8939824355 9144 - 42213402 / 22350783	patent@cantwellandco.com
395	CHENNAI	201847028707	30/04/2021 00:00:00	DR. T.V. RAVI PHILIPS INTELLECTUAL PROPERTY & STANDARDS PHILIPS INDIA LIMITED, MANYATA TECH PARK, NAGAVARA, BANGALORE-560045	ip.administration.india@philips.com
396	CHENNAI	202044035899	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
397	CHENNAI	201641025816	30/04/2021 00:00:00	M/S. TVS MOTOR COMPANY LIMITED, JAYALAKSHMI ESTATES, NO.29, (OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006. rna@scl.co.in	iprtvs@tvsmotor.com
398	CHENNAI	202147012773	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
399	CHENNAI	201741034845	30/04/2021 00:00:00	Plot No.73/B, 73/B/2 EPIP, Pashamylaram (V) Patancheru (M), Sangareddy (Dist.) Telangana India 502 307	sridhar.prasangi@optimuspharma.com,srini@optimuspharma.com
400	CHENNAI	201847038101	30/04/2021 00:00:00	Anand & Anand Advocates, Flat GA, AR Villa, New No. 31 (Old No. 13), 3rd main Road, Gandhi Nagar, Adyar, Chennai, Tamil Nadu, India, Pin Code-60020.	archana@anandandanand.com,email@anandandanand.com
401	CHENNAI	201847010700	30/04/2021 00:00:00	LAKSHMI KUMARAN & SRIDHARAN,2, Wallace garden, 2nd Street, Chennai - 600 006 India.	iprdel@lakshmisri.com
402	CHENNAI	201847010955	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
403	CHENNAI	201641016026	30/04/2021 00:00:00	GUNNA RAMAKRISHNA RAO ANTHARAKUDDA (POST & VILLAGE), KASIBUGGA (VIA), SRIKAKULAM (DT), ANDHRA PRADESH	anthrakudda@gmail.com,Srinivas@eevatech.com
404	CHENNAI	201941011344	30/04/2021 00:00:00	V. Girija N-203, Innovative Nature, Vinayaka Layout Yelahanka, Bengalure 560064	girijasram@gmail.com,girijav@ipaatentiti.com

405	CHENNAI	202044004320	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com
406	CHENNAI	201841007117	30/04/2021 00:00:00	JAYALAKSHMI ESTATES NO. 29 (OLD NO. 8) HADDOWS ROAD, CHENNAI, 600 006.	iprtvs@tvsmotor.com
407	CHENNAI	201847040702	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6 th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA	cnaveen@knspartners.com,bangalore@knspartners.com
408	CHENNAI	202041053694	30/04/2021 00:00:00	B1-2002/2003, F Residences, Balewadi, Pune411045, Maharashtra, India	photon.ip@photonlegal.com
409	CHENNAI	201847016931	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
410	CHENNAI	202047000976	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
411	CHENNAI	202047011735	30/04/2021 00:00:00	Anand & Anand Advocates Flat GA, AR Villa, New No. 31 (Old No. 13) 3rd main Road, Gandhi Nagar, Adyar,Chennai-60020 (India) Phone No: 91-44-43443777, 120-4059300 Fax No: 120-4243056, 91-44-43504232 E-mail: email@anandandanand.com / chennaianandandanand@yahoo.co.in/ archana@anandandanand.com Mobile No: +91 9717990240	archana@anandandanand.com
412	CHENNAI	201741037116	30/04/2021 00:00:00	House No. 1194/1 Housing Board Colony Shahabad Markanda Distt. Kurukshetra Haryana	umesh@3aip.com,umesh.engg310@gmail.com
413	CHENNAI	201747039569	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032.	patent@depenning.com
414	CHENNAI	201747040052	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN 2, Wallace garden, 2nd Street,. Chennai 600 006, India.	iprdel@lakshmisri.com
415	CHENNAI	201847041906	30/04/2021 00:00:00	Law Firm of Naren Thappeta #7, Sigma Soft Tech Park, 5th Floor, Beta Block, Whitefield Main Road, Varthur Kodi, Ramagondanahalli, Bangalore, Karnataka, PIN: 560 066.	ipo@iphorizons.com
416	CHENNAI	201741002367	30/04/2021 00:00:00	J SURESH ADVOCATE/PATENT AGENT (IN/PA-477) # 46 FIRST CROSS MARAPPA GARDEN BENSON TOWN POST BANGALORE - 560046	jsuresh@petesuresh.com,suresh.jallipeta@gmail.com
417	CHENNAI	202041051425	30/04/2021 00:00:00	Mr. Rahul Kanotra 3/528 Malviya Nagar Jaipur 302017, Rajasthan, India	rahulkanotra2004@gmail.com
418	CHENNAI	201947039433	30/04/2021 00:00:00	SELVAM AND SELVAM OLD NO 9, VALLIAMMAL STREET, FIRST FLOOR, KILPAUK, CHENNAI -600 010 PATENTS@SELVAMS.COM	patents@selvams.com,PATENTS@SELVAMS.COM

419	CHENNAI	201847032460	30/04/2021 00:00:00	K&S Partners Intellectual Property Attorneys New Door No. 15 (Old No. 3) Postal Colony 4th Street, West Mambalam, Chennai 600033, Tamil Nadu, India Telephone No. + 91 (44) 49317777 Mobile No. +91 8130055293 Fax No. + 91 (44) 49317788	ipo@knspartners.com
420	CHENNAI	201847000891	30/04/2021 00:00:00	DR. T.V. RAVI PHILIPS INTELLECTUAL PROPERTY & STANDARDS PHILIPS ELECTRONICS INDIA LIMITED MANYATA TECH PARK NAGAVARA BANGALORE 560045 Telephone No: 08041892407 Fax No : 08041892415 E mail : ravi.tumkur@philips.com	ravi.tumkar@philips.com
421	CHENNAI	201947044307	30/04/2021 00:00:00	De Penning & De Penning, 120 Velachery Main Road, Guindy, Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
422	CHENNAI	202047005830	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402 patent@depenning.com	patent@depenning.com
423	CHENNAI	201847012859	30/04/2021 00:00:00	Anand & Anand Advocates Flat GA, AR Villa, New No. 31 (Old No. 13) 3rd main Road, Gandhi Nagar, Adyar, Chennai-60020 (India)	archana@anandandanand.com,email @anandandanand.com
424	CHENNAI	201941020159	30/04/2021 00:00:00	K & S Partners | Intellectual Property Attorneys | 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, INDIA	bangalore@knspartners.com
425	CHENNAI	201941038921	30/04/2021 00:00:00	K & S Partners | Intellectual Property Attorneys | 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, INDIA.	bangalore@knspartners.com,ipo@knspartners.com
426	CHENNAI	201941047188	30/04/2021 00:00:00	R.K.DEWAN & CO. PODAR CHAMBERS, S A. BRELVI ROAD, FORT, MUMBAI 400001 MAHARASHTRA INDIA	dewan@rkdewanmail.com,helpdesk @rkdewanmail.com
427	CHENNAI	201947034949	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
428	CHENNAI	202041006504	30/04/2021 00:00:00	ALTACIT GLOBAL C2-A, Industrial Estate, Guindy, Chennai - 600 032	ip@altacit.com,info@altacit.com
429	CHENNAI	202047013001	30/04/2021 00:00:00	Anand & Anand Advocates Flat GA, AR Villa, New No. 31 (Old No. 13) 3rd main Road, Gandhi Nagar, Adyar,Chennai-60020 (India) Phone No: 91-44-43443777, 120-4059300 Fax No: 120-4243056, 91-44-43504232 E-mail: email@anandandanand.com / chennaianandandanand@yahoo.co.in/ archana@anandandanand.com Mobile No: +91 9717990240	archana@anandandanand.com

430	CHENNAI	202047030827	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
431	CHENNAI	202141015896	30/04/2021 00:00:00	Bindu Sharma IN/PA 1055 Origiin IP Solutions A-213, Sobha Aquamarine Sarjapur Outer Ring Road Bellandur Bangalore 560 103	bindu@origiin.com,anita@origiin.com
432	CHENNAI	201741042929	30/04/2021 00:00:00	SENTHIL KUMAR. N, INTEPAT IP SERVICES PVT LTD, NO.8, 1ST FLOOR, 15TH CROSS, 100FT RING ROAD, JP NAGAR, 6TH PHASE, NEAR SARAKKI SIGNAL, BANGALORE-560078.	patent@intepat.com
433	CHENNAI	201747033819	30/04/2021 00:00:00	DR. T.V. RAVI PHILIPS INTELLECTUAL PROPERTY & STANDARDS PHILIPS ELECTRONICS INDIA LIMITED MANYATA TECH PARK NAGAVARA BANGALORE 560045 Telephone No: 08041892407 Fax No : 08041892415 E mail : ravi.tumkur@philips.com	ravi.tumkur@philips.com
434	CHENNAI	201744010923	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032	patent@depenning.com
435	CHENNAI	201941041353	30/04/2021 00:00:00	Mahatma Gandhi University Priyadarsini Hill (PO), Kottayam, Kerala, 686 560, India	afsar14@gmail.com
436	CHENNAI	201647037540	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
437	CHENNAI	201741012185	30/04/2021 00:00:00	TVS Motor Company Limited JAYALAKSHMI ESTATES, No. 29, (OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006. iprtvs@tvsmotor.com	iprtvs@tvsmotor.com
438	CHENNAI	201944048012	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032	patent@depenning.com
439	CHENNAI	202141017500	30/04/2021 00:00:00	Vitto Patents & Trade Marks Unit : 2F, 2nd Floor, #32, Hextrapoint (Above RK Color Lab), Bull Temple Road Basavanagudi, Bengaluru - 560004	venkat_vitto@yahoo.com,info@vitto.co.in
440	CHENNAI	201947044964	30/04/2021 00:00:00	Signify Innovations India Ltd. Prasad Narasimha 5th Floor, Green Heart- MMTP Phase IV, Manyata Tech Park, Nagavara, Bangalore- 560045, India. Mobile No.+91-9980836239 ip.india@signify.com	prasad.narasimha@signify.com,ip.india@signify.com
441	CHENNAI	201841017695	30/04/2021 00:00:00	BananaIP Counsels No.40,2nd Floor, 3rd Main Road, JC Industrial Estate, Kanakapura Road Bangalore-62. Landmark Near Metro	patent@bananaip.com,nitin@bananaip.com

442	CHENNAI	201847022994	30/04/2021 00:00:00	DR. T.V. RAVI PHILIPS INTELLECTUAL PROPERTY & STANDARDS PHILIPS INDIA LIMITED, MANYATA TECH PARK, NAGAVARA, BANGALORE-560045	ip.administration.india@philips.com
443	CHENNAI	201847042185	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032 9144 - 42213444 8939824355 9144 - 42213402	patent@depenning.com
444	CHENNAI	201841050039	30/04/2021 00:00:00	Omprakash S.N (IN/PA 1095) Oms Patent Services Pvt. Ltd. #2788, 16 Cross, 8B Main, Near Saraswathi Hospital, Banashankari II stage, Bengaluru 560 070, Karnataka, India Mobile: +91- 94483 56142 Landline: 080-26761507, 26792089, Fax : 080-6688 6224 Email: omprakash@omspatentservices.com	omprakash@omspatentservices.com
445	CHENNAI	202048002936	30/04/2021 00:00:00	C/O LAKSHMI KUMARAN & SRIDHARAN, 2, Wallace garden, 2nd Street, Chennai - 600 006 India	iprdel@lakshmisri.com
446	CHENNAI	201947044751	30/04/2021 00:00:00	PATENTS AND LICENSING DEPARTMENT Novozymes South Asia Pvt. Ltd. Plot No. 32, 47-50 EPIP Area, Whitefield Bangalore 560066 KARNATAKA, INDIA	patentsin@novozymes.com
447	CHENNAI	201941021810	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA.	bangalore@knspartners.com
448	CHENNAI	202047010041	30/04/2021 00:00:00	Law Firm of Naren Thappeta #7, Sigma Soft Tech Park, 5th Floor, Beta Block, Whitefield Main Road, Varthur Kodi, Bangalore, Karnataka, PIN: 560 066 Mobile: +919686207117; Fax: 080-66886198 Email: ipo@iphorizons.com	ipo@iphorizons.com
449	CHENNAI	201941025011	30/04/2021 00:00:00	#10-3-561, 14/3RT, Vijaynagar Colony, Hyderabad, Telangana legactual@gmail.com	legactual@gmail.com
450	CHENNAI	201947010818	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032.	patent@depenning.com
451	CHENNAI	202044002380	30/04/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy , Chennai 600 032. patent@depenning.com	patent@depenning.com
452	CHENNAI	202147003616	30/04/2021 00:00:00	K&S PARTNERS; Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, Karnataka, INDIA. Telephone No. +91 8040427900; Mobile No. +91 7349778249; Fax No. +91 8040427901	shiva@knspartners.com

453	CHENNAI	201941016209	01/05/2021 00:00:00	Dr. NEERAJA. R, FLAT NO. 202, MAYFLOWER CLASSIC APARTMENT COLONY, OLD AIRPORT ROAD, BANGALORE - 560 017, KARNATAKA, INDIA. drneeru.r@gmail.com	drneeru.r@gmail.com
454	CHENNAI	201848021286	01/05/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road, Guindy, Chennai 600 032, India	patent@depenning.com
455	CHENNAI	2795/CHE/2015	01/05/2021 00:00:00	INTEPAT IP SERVICES PVT LTD 176, INDRA COMPLEX, SARAKKI MAIN ROAD, JP NAGAR 1ST PHASE, BANGALORE- 560078	senthil@intepat.com,patent@intepat.com
456	CHENNAI	201941025954	01/05/2021 00:00:00	K & S Partners | Intellectual Property Attorneys | 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore 560 038, INDIA. Mob: +91 7349778249 Phone: 918040427900 Fax No. 918040427901 E-mail: bangalore@knspartners.com	bangalore@knspartners.com,ipo@knspartners.com
457	CHENNAI	202041032035	01/05/2021 00:00:00	DR. A.K.PRIYA ASSOCIATE PROFESSOR IN DEPARTMENT OF CIVIL ENGINEERING, KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY, ARASUR, COIMBATORE, TAMIL NADU, INDIA-641407. akpriy@gmail.com	akpriy@gmail.com
458	CHENNAI	201747040366	01/05/2021 00:00:00	De Penning & De Penning 120 Velachery Main Road Guindy Chennai 600 032 9144 42213444 8939824355 9144 42213402	patent@depenning.com
459	CHENNAI	201747041403	01/05/2021 00:00:00	J SURESH Advocate Patent & Trademark Agent, # 46 First Cross, Marappa Garden , Benson Town Post, Bangalore 560 046 , Karnataka, India.	jsuresh@petesuresh.com
460	CHENNAI	201941019744	01/05/2021 00:00:00	ASSISTANT, DEPT. DEPT OF MECHANICAL ENGG., PROF. MEPCO SCHLENK ENGG COLLEGE, SIVAKASI - 626 005. balamurugan910@mepcoeng.ac.in	balamurugan910@mepcoeng.ac.in
461	CHENNAI	201847034722	01/05/2021 00:00:00	MAYANK SOOD, K & S PARTNERS Intellectual Property Attorneys, New Door No. 15 (Old No. 3), Postal Colony 4th Street, West Mambalam, Chennai, Tamil Nadu, India, Pin Code600 033.	ipo@knspartners.com
462	CHENNAI	201841021390	01/05/2021 00:00:00	M/s. ipMetrix Consulting Group No. 84, 1st Floor, 4th Cross, Panduranga Nagar, Bannerghatta Road, Bangalore - 560 0076	patent@ipmetrix.com
463	CHENNAI	202041056654	01/05/2021 00:00:00	IPEXCEL, INDIQUBE ORION, 24TH MAIN RD, GARDEN LAYOUT, SECTOR 2, HSR LAYOUT, BANGALORE - 560102, KARNATAKA	filings@ipflair.com
464	CHENNAI	201947020341	01/05/2021 00:00:00	BananaIP Counsels No.40,2nd Floor, 3rd Main Road, JC Industrial Estate, Kanakapura Road, Bangalore-560062. Landmark Near Metro	patent@bananaip.com,gaurav@bananaip.com,vinita@bananaip.com

WEEKLY ISSUED FER (KOLKATA)

SNO	LOCATION	APPLICATION NUMBER	FER DATE	ADDRESS FOR SERVICE	EMAIL
1	KOLKATA	201937032348	26/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700091, West Bengal, India	docketing@lsdavar.in,kolkatapatent@Lsdavar.in
2	KOLKATA	201737028336	26/04/2021 00:00:00	S. MAJUMDAR & CO. 5 Harish Mukherjee Road Kolkata 700 025 West Bengal India	cal@patentindia.com
3	KOLKATA	202034030430	26/04/2021 00:00:00	D.P AHUJA & Co. 14/2 Palm Avenue, Calcutta 700 019, West Bengal, India	patents@dpahuja.com,PATENTS@DPAHUJA.IN
4	KOLKATA	202037022568	26/04/2021 00:00:00	D.P AHUJA & Co. 14/2 Palm Avenue, Calcutta 700 019, West Bengal, India.	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
5	KOLKATA	202037017358	26/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
6	KOLKATA	202037010824	26/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700091, West Bengal, India	docketing@lsdavar.in,kolkatapatent@lsdavar.in
7	KOLKATA	202037010497	26/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700091, West Bengal, India	docketing@lsdavar.in,kolkatapatent@Lsdavar.in
8	KOLKATA	202037023909	26/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700091, West Bengal, India	docketing@lsdavar.in,kolkatapatent@lsdavar.in
9	KOLKATA	201937004102	26/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
10	KOLKATA	202034017848	26/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700091, West Bengal, India	kolkatapatent@lsdavar.in,docketing@lsdavar.in
11	KOLKATA	201937051933	27/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
12	KOLKATA	201737030658	27/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals Tower 1 2nd Floor Block EP Plot No. 11 & 12 Salt Lake Sector V Kolkata 700091 West Bengal.	kolkatapatent@Lsdavar.in,lsdavar@cal2.vsnl.net.in,kolkatapatent@Lsdavar.in
13	KOLKATA	201837025936	27/04/2021 00:00:00	S. MAJUMDAR & CO., 5, HARISH MUKHERJEE ROAD, FIRST FLOOR, KOLKATA - 700 025	cal@patentindia.com

14	KOLKATA	202037001311	27/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
15	KOLKATA	201937037025	27/04/2021 00:00:00	D.P AHUJA & Co. 14/2 Palm Avenue, Calcutta 700 019, West Bengal, India +919831360050	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
16	KOLKATA	202137007420	27/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
17	KOLKATA	201937049799	27/04/2021 00:00:00	D.P AHUJA & Co. 14/2 Palm Avenue, Calcutta 700 019, West Bengal, India +919831360050	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
18	KOLKATA	201937053285	27/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com,lnchinta.ipo@nic.in
19	KOLKATA	136/KOL/2015	27/04/2021 00:00:00	Anand and Anand Advocates B-41, Nizamuddin East New Delhi 110013, India	email@anandandanand.com
20	KOLKATA	202037010301	27/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
21	KOLKATA	201937044530	27/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700091, West Bengal, India	docketing@lsdavar.in,kolkatapatent@Lsdavar.in
22	KOLKATA	201937047918	27/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
23	KOLKATA	201837018185	27/04/2021 00:00:00	S. MAJUMDAR & CO., 5, HARISH MUKHERJEE ROAD, FIRST FLOOR, KOLKATA - 700 025	cal@patentindia.com
24	KOLKATA	201937045525	27/04/2021 00:00:00	H.V.WILLIAMS AND CO. Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal.	lsdavar@vsnl.com,kolkatapatent@Lsdavar.in
25	KOLKATA	201937053543	27/04/2021 00:00:00	D.P AHUJA & Co. 14/2 Palm Avenue, Calcutta 700 019, West Bengal, India 91(33)40177100 +919831360050 91(33)40088262	PATENTS@DPAHUJA.COM,PATENTS@DPAHUJA.IN
26	KOLKATA	201937022793	27/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
27	KOLKATA	201937001713	27/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700 091, India	kolkatapatent@lsdavar.in
28	KOLKATA	201937012545	27/04/2021 00:00:00	S.S. DATTA & ASSOCIATES 288/1, B.B. CHATTERJEE ROAD, GROUND FLOOR, KOLKATA-700042, WEST BENGAL, INDIA	patent@ssdatta.com
29	KOLKATA	201731029278	27/04/2021 00:00:00	Rahul Salhotra A2/268 Paschim Vihar New Delhi - 110063 India	rahul.salhotra@gmail.com,dsreg@mail.com

30	KOLKATA	201937043563	27/04/2021 00:00:00	S. Majumdar & Co. 5 Harish Mukherjee Road, First Floor, Kolkata - 700025	cal@patentindia.com
31	KOLKATA	1271/KOL/2014	27/04/2021 00:00:00	DR. I. BANERJEE C/O L.S.DAVAR & CO. 32, RADHA MADHAB DUTTA GARDEN LANE KOLKATA-700010	davar@cal2.vsnl.net.in,kolkatapatent@Lsdavar.in
32	KOLKATA	202037005590	27/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal.	lsdavar@vsnl.com,kolkatapatent@lsdavar.in
33	KOLKATA	202037014621	28/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
34	KOLKATA	201937029347	28/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
35	KOLKATA	201837048775	28/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
36	KOLKATA	201931038669	28/04/2021 00:00:00	De Penning & De Penning 10 Government Place East, Kolkata 700069	patent@depenning.com
37	KOLKATA	201931019623	28/04/2021 00:00:00	seenergi IPR, 7K, TANGRA 2ND LANE KOLKATA - 700 046, INDIA	mail@seenergi.com
38	KOLKATA	201737013011	28/04/2021 00:00:00	5, Harish Mukherjee Road, Kolkata - 700 025, India	cal@patentindia.com
39	KOLKATA	201937044813	28/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal.	lsdavar@vsnl.com,kolkatapatent@Lsdavar.in
40	KOLKATA	202037006793	28/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
41	KOLKATA	201931031748	28/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700091, India	kolkatapatent@Lsdavar.in,docketing@Lsdavar.in
42	KOLKATA	201937034098	28/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
43	KOLKATA	201737039564	28/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals Tower 1 2nd Floor Block EP Plot No. 11 & 12 Salt Lake Sector V Kolkata 700 091 India	lsdavar@vsnl.com,kolkatapatent@Lsdavar.in
44	KOLKATA	201931038873	28/04/2021 00:00:00	De Penning & De Penning 10 Government Place East, Kolkata 700069	patent@depenning.com
45	KOLKATA	201937040079	28/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com

46	KOLKATA	201931010725	28/04/2021 00:00:00	ANJAN SEN & ASSOCIATES 17, CHAKRABERIA ROAD SOUTH, KOLKATA 700 025, WEST BENGAL, INDIA	anjanonline@vsnl.net,info@ipindiaasa.com,anjanonline@bsnl.in,sumito.agal@gmail.com
47	KOLKATA	202137010209	28/04/2021 00:00:00	L.S. DAVAR & COMPANY Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal.	kolkatapatent@lsdavar.in
48	KOLKATA	201931033977	28/04/2021 00:00:00	L.S.DAVAR & CO., GLOBSYN CRYSTALS, TOWER 1, 2ND FLOOR, BLOCK EP, PLOT NO. 11 &12, SALT LAKE SECTOR V, KOLKATA 700 091, WEST BENGAL, INDIA	delhi@lsdavar.in,docketing@lsdavar.in
49	KOLKATA	201937049299	28/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
50	KOLKATA	202037007801	28/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
51	KOLKATA	201937020128	28/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
52	KOLKATA	201937031659	28/04/2021 00:00:00	D.P AHUJA & Co. 14/2 Palm Avenue, Calcutta 700 019, West Bengal, India	PATENTS@DPAHAUJA.COM,PATENTS@DPAHUJA.IN
53	KOLKATA	201938048220	28/04/2021 00:00:00	D.P AHUJA & Co. 14/2 Palm Avenue, Calcutta 700 019, West Bengal, India	patents@dpahuja.com,PATENTS@DPAHUJA.IN
54	KOLKATA	201937028630	28/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
55	KOLKATA	201737021520	28/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals Tower 1 2nd Floor Block EP Plot No. 11 & 12 Salt Lake Sector V Kolkata 700091 West Bengal	Isdavar@cal2.vsnl.net.in,kolkatapatent@Lsdavar.in
56	KOLKATA	201634027088	28/04/2021 00:00:00	D.P AHUJA & Co. 14/2 Palm Avenue, Calcutta 700 019, West Bengal, India Telephone No. 91(33)40177100 Mobile No. +919831360050 Fax No. 91(33)40088262 E-mail ID patents@dpahuja.com	patents@dpahuja.com,PATENTS@DPAHUJA.IN
57	KOLKATA	201837038706	28/04/2021 00:00:00	S. MAJUMDAR & CO. 5 HARISH MUKHERJEE ROAD, FIRST FLOOR, KOLKATA 700025 WEST BENGAL, INDIA	cal@patentindia.com
58	KOLKATA	201931049640	28/04/2021 00:00:00	PRIYANG CHOUDHURY. HOUSE NO. 36(A), HENGRABARI, BORBARI, BEHIND DOORDARSHAN COLONY, GUWAHATI - 781036, ASSAM, INDIA.	advpkbagchi@gmail.com,kkmipr@yahoo.co.in

59	KOLKATA	201931038529	28/04/2021 00:00:00	De Penning & De Penning 10 Government Place East, Kolkata 700069	patent@depenning.com
60	KOLKATA	201734021980	28/04/2021 00:00:00	Name ; D.P AHUJA & Co. Postal Address ; 14/2 Palm Avenue, Calcutta 700 019, West Bengal, India	patents@dpahuja.com,PATENTS@DPAHUJA.IN
61	KOLKATA	201837022522	29/04/2021 00:00:00	R. K. Dewan & Co. Mohan Dewan, 5Th Floor, Podar Chambers, S. A. Brelvi Road, Fort, Mumbai-400001, Maharashtra, India	dewan@rkdewanmail.com
62	KOLKATA	201837024450	29/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700 091, India	kolkatapatent@Lsdavar.in
63	KOLKATA	201937046975	29/04/2021 00:00:00	D.P AHUJA & Co. 14/2 Palm Avenue, Calcutta 700 019, West Bengal, India	PATENTS@DPAHAUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
64	KOLKATA	201937053522	29/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
65	KOLKATA	201937050524	29/04/2021 00:00:00	Name D.P AHUJA & Co. Postal Address 14/2 Palm Avenue, Calcutta 700 019, West Bengal, India Mobile No. +919831360050	PATENTS@DPAHUJA.COM,patents@dpahuja.com,PATENTS@DPAHUJA.IN
66	KOLKATA	201937053646	29/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal.	lsdavar@vsnl.com,kolkatapatent@Lsdavar.in
67	KOLKATA	201831047287	29/04/2021 00:00:00	Rohit Deshpande Advocate & IP Attorney Inventillect Consultants, C-35, New Lawyers Chambers, District Court, Shivaji Nagar, Pune 411005, Maharashtra, India	rohit@inventillect.com,rohitndeshpande@gmail.com
68	KOLKATA	201837033859	29/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, First Floor, Kolkata 700 025, West Bengal, India MOBILE NO.: 9331827882	cal@patentindia.com
69	KOLKATA	201931027915	29/04/2021 00:00:00	c/o, MNR Legal, 35, Suraj Building, Elphinstone Road, Mumbai 400013	CONTACT@MNRLEGAL.COM,monica@mnrlegal.com
70	KOLKATA	201838027594	29/04/2021 00:00:00	LAKSHMIKUMARAN & SRIDHARAN 2nd Floor, Kanak Building, 41 Chowringhee Road Kolkata West Bengal 700071 India	iprdel@lakshmisri.com
71	KOLKATA	201937045645	29/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
72	KOLKATA	201937052985	29/04/2021 00:00:00	Daswani & Daswani Green Acres, 23B, Ahiripukur 1st Lane Kolkata 700 019, India	bharat.daswani@daswanianddaswani.com
73	KOLKATA	201937035521	29/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700091, West Bengal, India	docketing@lsdavar.in,kolkatapatent@Lsdavar.in

74	KOLKATA	201737039717	29/04/2021 00:00:00	L. S. DAVAR & CO. Globsyn Crystals, Tower 1, 2nd Floor Block EP, Plot No. 11 & 12, Salt Lake Sector V, Kolkata -700 091, India	kolkatapatent@Lsdavar.in
75	KOLKATA	565/KOL/2015	29/04/2021 00:00:00	L.S DAVAR & COMPANY 32, RADHA MADHAV DUTTA GARDEN LANE KOLKATA 700010, WEST BENGAL PHONE: 91-33-23633251 FAX: 91-33-2363-3248 E-MAIL:lsdavar@ca12.vsnl.net.in	kolkatapatent@Lsdavar.in
76	KOLKATA	201837000405	29/04/2021 00:00:00	LAKSHMIKUMARAN & SRIDHARAN 2nd Floor, Kanak Building, 41 Chowringhee Road Kolkata West Bengal 700071 India	iprdel@lakshmisri.com,ipindia@datta.associates,mail@dattaassociatesipr.com
77	KOLKATA	201931019829	29/04/2021 00:00:00	C/O ESHANI BHAUMIK SASTASUNDAR HEALTHBUDDY LIMITED PURBA SALEPUR,DR.NARMAN BETHUN SARANI,P.O-BARUIPUR,KOLKATA-700144,SOUTH 24 PARGANAS,WEST BENGAL.	rajipr2000@gmail.com
78	KOLKATA	201934035242	30/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal.	kolkatapatent@Lsdavar.in
79	KOLKATA	201931027797	30/04/2021 00:00:00	RNA, IP Attorneys 401-402, 4th Floor, Suncity Success Tower, Sector - 65, Golf Course Extension Road, Gurgaon - 122 005, National Capital Region (Haryana), India Tel: +91-124-2841222, Fax: +91-124-2841144	patents@rnaip.com,info@rnaip.com
80	KOLKATA	202037052329	30/04/2021 00:00:00	seenergi IPR, 7 K, TANGRA 2ND LANE, KOLKATA - 700 046, INDIA	mail@seenergi.com
81	KOLKATA	201837037584	30/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
82	KOLKATA	201937051942	30/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700091, West Bengal, India	docketing@lsdavar.in,kolkatapatent@lsdavar.in
83	KOLKATA	201937001420	30/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
84	KOLKATA	201931042906	30/04/2021 00:00:00	K&S PARTNERS Intellectual Property Attorneys 4121/B, 6th Cross, 19A Main, HAL II Stage (Extension), Bangalore - 560038, Karnataka, India.	bangalore@knspartners.com,lifesciences@knspartners.com
85	KOLKATA	201837036301	30/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com

86	KOLKATA	768/KOL/2014	30/04/2021 00:00:00	ANJAN SEN & ASSOCIATES. 17, CHAKRABERIA ROAD SOUTH, KOLKATA - 700 025, WEST BENGAL, INDIA. Phone :033-24749871;033-65293955 Fax : 033-2486 8693; Mobile no : 9830050839, email : anjanonline@vsnl.net info@ipindiaasa.com	anjanonline@vsnl.net,anjanonline@bsnl.in,info@ipindiaasa.com
87	KOLKATA	201937048382	30/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700091, West Bengal, India	docketing@lsdavar.in,kolkatapatent@Lsdavar.in
88	KOLKATA	201937052422	30/04/2021 00:00:00	S. MAJUMDAR & CO., 5 Harish Mukherjee Road, Kolkata 700 025, West Bengal, India	cal@patentindia.com
89	KOLKATA	202034045626	30/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal.	kolkatapatent@Lsdavar.in,docketing@Lsdavar.in
90	KOLKATA	201931009858	30/04/2021 00:00:00	RNA, IP Attorneys 401-402, 4th Floor, Suncity Success Tower, Sector - 65, Golf Course Extension Road, Gurgaon - 122 005, National Capital Region (Haryana), India Tel: +91-124-2841222, Fax: +91-124-2841144	patents@rnaip.com,info@rnaip.com
91	KOLKATA	201937053455	30/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal.	lsdavar@vsnl.com,kolkatapatent@lsdavar.in
92	KOLKATA	201837024229	30/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal.	kolkatapatent@Lsdavar.in
93	KOLKATA	202037006784	30/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700091, West Bengal, India	docketing@lsdavar.in,kolkatapatent@Lsdavar.in
94	KOLKATA	201838006942	30/04/2021 00:00:00	D.P AHUJA & Co. 14/2 Palm Avenue, Calcutta 700 019 West Bengal, India	patents@dpahuja.com,PATENTS@DPAHUJA.IN
95	KOLKATA	201837023717	30/04/2021 00:00:00	DATTA & ASSOCIATES COMMERCE HOUSE, FIRST FLOOR 2A, GANESH CHANDRA AVENUE, KOLKATA – 700013	ipindia@vsnl.com,ipindia@datta.associates,mail@dattaassociatesipr.com
96	KOLKATA	201938031324	30/04/2021 00:00:00	L.S.DAVAR & CO. Globsyn Crystals,Tower 1,2nd Floor, Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata 700091, India	kolkatapatent@Lsdavar.in,docketing@Lsdavar.in,mailinfo@lsdavar.in

97	KOLKATA	201734004305	30/04/2021 00:00:00	D. P. AHUJA & CO., 14/2 Palm Avenue, Calcutta 700 019, West Bengal, India. Mobile Phone Number for SMS : +919831360050	patents@dpahuja.com,PATENTS@DPAHUJA.IN
98	KOLKATA	201837036475	30/04/2021 00:00:00	L.S DAVAR & COMPANY Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Salt Lake, Sector V, Kolkata- 700091, West Bengal.	lsdavar@vsnl.com,kolkatapatent@lsdavar.in
99	KOLKATA	201931030928	30/04/2021 00:00:00	L.S. DAVAR & CO., GLOBSYN CRYSTALS, TOWER 1, 2ND FLOOR, BLOCK EP, PLOT NO. 11 &12, SALT LAKE SECTOR V, KOLKATA 700 091, WEST BENGAL, INDIA	delhi@lsdavar.in,docketing@lsdavar.in
100	KOLKATA	201931007736	01/05/2021 00:00:00	ANJAN SEN & ASSOCIATES 17, CHAKRABERIA ROAD SOUTH, KOLKATA 700 025, WEST BENGAL, INDIA.	info@ipindiaasa.com
101	KOLKATA	201737036753	01/05/2021 00:00:00	Name D.P AHUJA & Co. Postal Address 14/2 Palm Avenue Calcutta 700 019 West Bengal India	patents@dpahuja.com,PATENTS@DPAHUJA.IN

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	365647	1910/DEL/2013	27/06/2013 15:01:06		A HANDLOOM WEAVING APPARATUS	DEPARTMENT OF SCIENCE AND TECHNOLOGY,VIVEKHA CHARITABLE TRUST	02/01/2015	DELHI
2	365648	5518/DELNP/2010	29/03/2009	31/03/2008	MICROELECTRONIC PACKAGE CONTAINING SILICON PATCHES FOR HIGH DENSITY INTERCONNECTS, AND METHOD OF MANUFACTURING SAME	INTEL CORPORATION	03/02/2012	DELHI
3	365656	201614020330	14/06/2016 17:58:52	29/06/2015	BATTERY TRAY STRUCTURE	SUZUKI MOTOR CORPORATION	26/05/2017	DELHI
4	365657	1908/DEL/2010	13/08/2010 15:31:42	27/08/2009	INDICATOR PLATE ATTACHMENT STRUCTURE FOR MOTORCYCLE	KAWASAKI JUKOGYO KABUSHIKI KAISHA	27/09/2013	DELHI
5	365661	5514/DELNP/2013	04/02/2011	04/02/2011	AN ELEVATOR SYSTEM COMPRISING A BRAKE SYSTEM	OTIS ELEVATOR COMPANY	05/12/2014	DELHI
6	365664	1908/DELNP/2012	23/09/2010	23/09/2009	POWER SUPPLY START-UP MECHANISM, APPARATUS, AND METHOD FOR CONTROLLING ACTIVATION OF POWER SUPPLY CIRCUITS	Telefonaktiebolaget L M Ericsson (Publ)	24/07/2015	DELHI
7	365667	201914004378	04/02/2019 19:42:00	13/02/2018	FLEXIBLE MULTILAYER COMPRESSED-AIR LINE	EMS-PATENT AG	16/08/2019	DELHI
8	365669	2678/DEL/2014	18/09/2014 12:36:20		A PREFERENTIAL LIQUID LINE MECHANICAL SWITCHOVER DEVICE	VIDIT AGARWAL	25/03/2016	DELHI
9	365673	201711038956	01/11/2017 19:08:18		METHOD AND SYSTEM FOR AUTHENTICATING AN OPERATION OF AN AUTOMATED VENDING SYSTEM	ABHISHEK SONI,NEETI SONI	21/06/2019	DELHI

10	365681	11112/DELNP/2012	24/05/2011	27/05/2010	LUGS OF CONTINUOUS RUBBER TRACKS FOR TRACK VEHICLES	ATI INC.	05/02/2016	DELHI
11	365687	8424/DELNP/2015	19/02/2014	20/02/2013	BIAXIALLY STRETCHED FILM AND ETHYLENE TYPE POLYMER COMPOSITION	PRIME POLYMER CO., LTD.	12/08/2016	DELHI
12	365688	5689/DELNP/2012	26/11/2010	27/11/2009	ABSORBENT STRUCTURE	GLATFELTER FALKENHAGEN GMBH	29/11/2013	DELHI
13	365689	235/DELNP/2013	19/05/2011	21/06/2010	RAIL VEHICLE EMERGENCY LIGHTING	Siemens Mobility Austria GmbH	12/09/2014	DELHI
14	365694	10424/DELNP/2011	01/07/2010	01/07/2009	REACTOR AND METHOD FOR CONTINUOUS POLYMERIZATION	ARLANXEO DEUTSCHLAND GMBH	26/10/2012	DELHI
15	365695	4539/DELNP/2013	14/12/2011	27/12/2010	OPTICAL FIBER HOLDER AND OPTICAL FIBER FUSION CONNECTING DEVICE	SEI Optifrontier Co. Ltd.	21/11/2014	DELHI
16	365697	201617025365	11/02/2015	13/02/2014	PRODRUG COMPOUNDS AND THEIR USES	LIGAND PHARMACEUTICALS INC.	31/08/2016	DELHI
17	365700	451/DELNP/2015	27/06/2013	28/06/2012	CUSHIONING MATERIAL STRUCTURE FOR VEHICLE SEAT	TS TECH CO., LTD.	26/06/2015	DELHI
18	365704	201817027156	25/11/2016	23/12/2015	LOW TEMPERATURE CROSS LINKABLE POLYCHLOROPRENE COMPOSITIONS	ARLANXEO DEUTSCHLAND GMBH	23/11/2018	DELHI
19	365708	2314/DELNP/2014	12/10/2012	14/10/2011	AN APPARATUS FOR THE PRETREATMENT AND SUBSEQUENT CONVEYING,PLASTIFICATION OR AGGLOMERATION OF PLASTICS •	EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H.	13/03/2015	DELHI
20	365709	5318/DELNP/2012	26/11/2010	15/12/2009	METHOD AND DEVICE FOR ACTIVE DETECTION OF OBJECTS IN CONSIDERATION OF PREVIOUS DETECTION RESULTS	ROBERT BOSCH GMBH	13/06/2014	DELHI
21	365710	201917050063	18/06/2018	22/06/2017	PROCESS FOR RECOVERING HYDROPROCESSED EFFLUENT WITH IMPROVED HYDROGEN RECOVERY	UOP LLC	03/01/2020	DELHI

22	365715	201717024205	20/06/2016	24/06/2015	ANTICORROSIVE FLAME RETARDANT FORMULATIONS FOR THERMOPLASTIC POLYMERS	CLARIANT PLASTICS & COATINGS LTD	13/10/2017	DELHI
23	365722	202011008924	02/03/2020 18:36:42		A SYSTEM AND METHOD FOR QUALITY CHECK OF COOKED AND PACKAGED FOOD	UdyogYantra Technologies LLP	20/03/2020	DELHI
24	365724	201917010979	19/09/2017	16/09/2016	GLASS WOOL, AND VACUUM HEAT INSULATION MATERIAL USING SAME	SAINT-GOBAIN ISOVER	28/06/2019	DELHI
25	365725	3043/DELNP/2014	17/10/2012	21/10/2011	GAS CIRCUIT BREAKER	KABUSHIKI KAISHA TOSHIBA	08/05/2015	DELHI
26	365730	201917010434	20/09/2017	21/09/2016	METHOD FOR OBTAINING CATIONIC POLYMERS HAVING A REDUCED HALIDE CONTENT	S.P.C.M. SA	21/06/2019	DELHI
27	365731	201817029858	23/01/2017	29/01/2016	POLYOLEFIN FILM WITH IMPROVED TOUGHNESS	UNIVATION TECHNOLOGIES, LLC	09/11/2018	DELHI
28	365732	201717038033	06/04/2016	08/04/2015	CLOSED REACTOR TRANSITIONS BETWEEN METALLOCENE CATALYSTS	UNIVATION TECHNOLOGIES LLC	05/01/2018	DELHI
29	365733	201917005105	30/08/2017	02/09/2016	CHLOROPRENE RUBBER LATEX ADHESIVE COMPOSITION	DENKA COMPANY LIMITED	12/04/2019	DELHI
30	365734	201717037328	29/03/2016	30/03/2015	DIENE RUBBER COMPOSITION CONFIGURED TO BE VULCANIZED AT LOWER TEMPERATURE; AND MANUFACTURING PROCESS OF RUBBER ARTICLE	CARIFLEX PTE. LTD.	22/12/2017	DELHI
31	365735	201917039758	10/12/2018	15/12/2017	ARAMID-BASED EPOXY RESIN AND PREPARATION METHOD THEREOF	NANJING FORESTRY UNIVERSITY,ANHUI XINYUAN CHEMICAL CO., LTD	12/06/2020	DELHI
32	365736	201917016484	20/09/2017	28/09/2016	PROCESS FOR PRODUCING A COATED PIPE	BOREALIS AG	09/08/2019	DELHI
33	365739	10742/DELNP/2015	08/04/2015	08/04/2015	ULTRASONIC FLAW DETECTION METHOD FOR ROUND BAR AND ULTRASONIC FLAW DETECTION DEVICE	TOHOKU STEEL CO. LTD.	13/10/2017	DELHI

34	365749	4468/DELNP/2011	11/12/2009	11/12/2008	GROUPING OF CIRCUITS	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	20/04/2012	DELHI
35	365750	3076/DELNP/2012	13/07/2010	30/09/2009	A LOCKER SYSTEM AND METHOD	UNIVERSAL CITY STUDIOS LLC	31/07/2015	DELHI
36	365752	201717036090	12/04/2016	14/04/2015	TRANSPARENT HARD COATINGS STABLE UNDER ENVIRONMENTAL CONDITIONS	PERFETTI VAN MELLE S.P.A.	08/12/2017	DELHI
37	365755	1029/DELNP/2011	26/08/2009	27/08/2008	DISPLAY APPARATUS	SONY CORPORATION	02/12/2011	DELHI
38	365756	201817004490	10/08/2016	11/08/2015	PROCESSES FOR PREPARING AN FGFR INHIBITOR	PRINCIPIA BIOPHARMA INC.	27/04/2018	DELHI
39	365767	2522/DEL/2012	13/08/2012 14:36:14	18/08/2011	RETAINING BANDS	GE ENERGY POWER CONVERSION TECHNOLOGY LTD.	31/08/2016	DELHI
40	365780	201717004244	18/09/2015	22/09/2014	SLOWLY-DIGESTIBLE LONG-ACTING ENERGY-SUPPLYING AGENT	NIHON SHOKUHIN KAKO CO., LTD.,MORINAGA MILK INDUSTRY CO., LTD.	28/04/2017	DELHI
41	365782	2505/DELNP/2013	27/09/2011	30/09/2010	SPEECH COMPARISON	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY	31/10/2014	DELHI
42	365786	561/DELNP/2015	29/08/2012	29/08/2012	PLANT CONTROL DEVICE	TOYOTA JIDOSHA KABUSHIKI KAISHA	26/06/2015	DELHI
43	365787	201717035072	03/03/2016	06/03/2015	FLUORINATED LYSYL OXIDASE-LIKE 2 INHIBITORS AND USES THEREOF	PHARMAKEA, INC.	17/11/2017	DELHI
44	365801	9466/DELNP/2014	04/06/2013	04/06/2012	GUIDE PLATE FOR FASTENING RAILS FOR RAIL VEHICLES	VOSSLOH- WERKE GMBH	17/07/2015	DELHI
45	365810	2494/DEL/2011	01/09/2011 10:41:29		AN IMPROVED CAPSULAR TENSION SEGMENT FOR SUPPORTING SUBLAXATED CAPSULAR BAG	SATISH CHANDER GUPTA	01/03/2013	DELHI
46	365816	3163/DEL/2011	08/11/2011 15:29:53	18/11/2010	LOCK WITH TWO PROFILE STRIPS AND SLIDERS FOR CONNECTING AND SEPARATING SUCH LOCKS	FLECOTEC AG	11/01/2013	DELHI
47	365823	2700/DELNP/2012	21/09/2010	22/09/2009	DOCUMENT STORAGE ASSEMBLY	MEI, INC.	04/09/2015	DELHI
48	365826	10355/DELNP/2011	13/05/2010	30/06/2009	METHOD AND SYSTEMS FOR BLEED AIR SUPPLY	GE AVIATION SYSTEMS LLC	26/10/2012	DELHI

49	365846	10939/DELNP/2012	11/05/2011	11/05/2010	COMPOSITIONS METHODS AND SYSTEMS FOR THE SYNTHESIS AND USE OF IMAGING AGENTS •	LANTHEUS MEDICAL IMAGING INC.	22/01/2016	DELHI
50	365847	2944/DELNP/2014	01/10/2012	04/10/2011	CONNECTOR HOUSING	TYCO ELECTRONICS AMP ITALIA SRL	13/03/2015	DELHI
51	365848	1482/DEL/2012	14/05/2012 15:09:56	30/06/2011	OPTICAL ELEMENT AND ILLUMINANT DEVICE USING THE SMAE	CHUN KUANG OPTICS CORP.	04/12/2015	DELHI
52	365850	2316/DELNP/2012	02/07/2010	25/11/2009	VANE PUMP	BOSCH AUTOMOTIVE DIESEL SYSTEMS CO., LTD.	21/08/2015	DELHI
53	365854	852/DEL/2014	24/03/2014 20:11:34	24/04/2013	AXIAL FLOW WATER TURBINE	KABUSHIKI KAISHA TOSHIBA	31/08/2016	DELHI
54	365856	7875/DELNP/2015	14/03/2014	15/03/2013	MULTI CHAMBER INJECTION DEVICE	HYPROTEK INC.	29/04/2016	DELHI
55	365857	4862/DELNP/2014	03/12/2012	03/12/2011	MICRO INCUBATION SYSTEMS FOR MICROFLUIDIC CELL CULTURE AND METHODS	EMD MILLIPORE CORPORATION	20/03/2015	DELHI
56	365858	201817024647	28/02/2017	03/03/2016	METHODS OF ENHANCING WATER FLUX OF A TFC MEMBRANE USING OXIDIZING AND REDUCING AGENTS	LG NANOH2O, INC.,LG CHEM, LTD.	05/10/2018	DELHI
57	365859	6643/DELNP/2015	30/09/2014	01/10/2013	REDUCTION OF ALDEHYDES IN AMINE CATALYSTS	HUNTSMAN PETROCHEMICAL LLC	24/06/2016	DELHI
58	365863	7794/DELNP/2014	07/02/2013	02/03/2012	PERSONAL CARE COMPOSITIONS WITH ACIDIFIED PECTINS	CP KELCO APS	15/05/2015	DELHI
59	365867	1295/DEL/2014	15/05/2014 14:55:04		PYRAZOLE LINKED BENZIMIDAZOLE CONJUGATES AND A PROCESS FOR PREPARATION THEREOF	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	20/11/2015	DELHI
60	365871	2803/DEL/2010	25/11/2010 11:53:49	26/02/2010	STATOR FOR AN ENERGY CONVERTING APPARATUS AND ENERGY CONVERTING APPARATUS USING THE SAME	SIEMENS GAMESA RENEWABLE ENERGY A/S	08/11/2013	DELHI
61	365885	1085/DEL/2010	07/05/2010 15:21:26	14/05/2009	COOLING MECHANISM FOR AXIAL GAP TYPE ROTATING MACHINES •	SHIN-ETSU CHEMICAL CO. LTD.	19/11/2010	DELHI

62	365890	201817032452	08/11/2017	25/11/2016	METHOD OF CONTINUOUS RECOVERY OF (METH)ACRYLIC ACID AND APPARATUS FOR THE METHOD	LG CHEM, LTD.	10/05/2019	DELHI
63	365891	5543/DELNP/2010	04/01/2009	03/01/2008	WIRELESS LASER POWER TRANSMITTER	WI-CHARGE LTD	18/11/2011	DELHI
64	365892	5048/DELNP/2010	06/01/2009	01/02/2008	GRAPHICS REMOTING ARCHITECTURE	MICROSOFT TECHNOLOGY LICENSING, LLC.	18/11/2011	DELHI
65	365895	460/DEL/2013	18/02/2013 17:34:02	19/03/2012	ROLLING CONTROL APPARATUS, ROLLING CONTROL METHOD AND ROLLING CONTROL PROGRAM	HITACHI, LTD.	16/01/2015	DELHI
66	365900	5946/DELNP/2013	29/12/2011	29/12/2011	UNIVERSAL DEVICE FOR ENERGY CONCENTRATION	QUANTRILL ESTATE INC	05/12/2014	DELHI
67	365902	2557/DELNP/2015	14/10/2013	15/10/2012	METHOD AND DEVICE FOR MEASURING A CURRENT FLOWING THROUGH A SWITCH	CONTINENTAL AUTOMOTIVE GMBH	11/09/2015	DELHI
68	365903	1476/DELNP/2012	19/08/2010	19/08/2009	MOBILE RADIO ACCESS NETWORK, MOBILITY CONTROL UNIT, METHOD FOR CHARGING IN A MOBILE RADIO ACCESS NETWORK, AND PROGRAM	DEUTSCHE TELEKOM AG	31/08/2016	DELHI
69	365907	201817004429	03/08/2016	07/08/2015	SUBSTITUTED IMIDAZOLE PYRIMIDINE COMPOUNDS USEFUL FOR TREATMENT OF PARASITIC DISEASES	GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED,UNIVERSITY OF DUNDEE	27/04/2018	DELHI
70	365908	3009/DEL/2014	21/10/2014 16:22:27		A process for preparation of the compound of formula I,	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	31/08/2016	DELHI
71	365910	202017008173	28/08/2018	04/09/2017	POWER CONVERSION SYSTEM AND CONTROL DEVICE	HITACHI INDUSTRIAL PRODUCTS, LTD.	28/08/2020	DELHI
72	365912	5724/DELNP/2014	18/12/2012	25/01/2012	METHOD AND DEVICE FOR MOUNTING A ROTOR HUB ON A WIND TURBINE	WOBBEN PROPERTIES GMBH	10/04/2015	DELHI

73	365913	201917023872	08/12/2017	12/12/2016	A PROCESS FOR INCREASING THE CONCENTRATION OF SULFURIC ACID AND EQUIPMENT FOR USE IN THE PROCESS	HALDOR TOPS˜E A/S	11/09/2020	DELHI
74	365921	201617010883	26/08/2014	06/09/2013	ALKALINE SOLUTION CONTACT PROCESS AND APPARATUS RELATING THERETO	UOP LLC	12/08/2016	DELHI
75	365924	5106/DELNP/2012	01/12/2010	01/12/2009	A WIND TURBINE NACELLE COMPRISING A HEAT EXCHANGER ASSEMBLY	VESTAS WIND SYSTEMS A/S	09/10/2015	DELHI
76	365925	7112/DELNP/2012	25/02/2011	03/03/2010	WIND RESISTANT HEATER •	BROMIC HEATING PTY LIMITED	04/12/2015	DELHI
77	365926	1850/DEL/2013	24/06/2013 12:21:16	28/07/2012	POSITION POINTER OF THE ELECTROMAGNETIC INDUCTION TYPE AND ELECTRONIC INK CARTRIDGE	WACOM CO., LTD.	13/02/2015	DELHI
78	365927	1711/DEL/2014	25/06/2014 20:40:54	12/07/2013	A COMPOSITION FOR COATING OF A SURFACE, AND A COATING	SINTERCAST AB	19/06/2015	DELHI
79	365928	9938/DELNP/2011	26/05/2010	27/05/2009	AIR VEHICLE	ISRAEL AEROSPACE INDUSTRIES LTD.	22/02/2013	DELHI
80	365931	1386/DEL/2014	23/05/2014 20:35:41		ADHESIVE FILM	INDIAN INSTITUTE OF TECHNOLOGY, KANPUR	31/08/2016	DELHI
81	365941	4830/DELNP/2012	17/11/2010	19/11/2009	CIRCULAR STAPLER INTRODUCER WITH RADIALLY-OPENABLE DISTAL END PORTION •	ETHICON ENDO-SURGERY INC.	06/06/2014	DELHI
82	365946	201917052489	23/07/2018	26/07/2017	POLYMER HAVING POLYETHER AND POLYSILOXANE SEGMENTS	BYK-CHEMIE GMBH	14/02/2020	DELHI
83	365947	3666/DEL/2011	15/12/2011 15:31:31	21/12/2010	SYSTEM AND METHOD FOR CONTROLLING WIND TURBINE POWER OUTPUT	GENERAL ELECTRIC COMPANY	18/01/2013	DELHI
84	365949	4604/DELNP/2013	26/10/2011	18/11/2010	RELAY SERVER AND RELAY COMMUNICATION SYSTEM	Murata Machinery Ltd.	28/11/2014	DELHI

85	365955	836/DELNP/2014	14/03/2012	14/03/2012	DEVICE FOR PRODUCING COATED STEEL SHEET AND METHOD FOR PRODUCING COATED STEEL SHEET	NIPPON STEEL CORPORATION	09/01/2015	DELHI
86	365957	2344/DEL/2011	17/08/2011 15:25:31	31/08/2010	LIGHTNING PROTECTION FOR WIND TURBINES	GENERAL ELECTRIC COMPANY	02/03/2012	DELHI
87	365960	7805/DELNP/2014	27/02/2013	27/02/2012	STRUCTURAL JOINT	HENGELHOEF CONCRETE JOINTS MANUFACTURING NV	15/05/2015	DELHI
88	365963	202017015231	11/10/2018	12/10/2017	A COMPOUND COMPRISING ATLEAST ONE FLUROSCENT MOIETY COVALENTLY BOUND TO ATLEAST ONE-LEUCO MOIETY	MILLIKEN & COMPANY	28/08/2020	DELHI
89	365968	2454/DELNP/2015	03/10/2013	16/10/2012	CONTROLLED SWELL RATE SWELLABLE PACKER AND METHOD	HALLIBURTON ENERGY SERVICES INC.	04/09/2015	DELHI
90	365974	1655/DEL/2010	14/07/2010 15:11:32		AUTOMATIC FLUSHING SYSTEM	INDIAN INSTITUTE OF TECHNOLOGY , DELHI	17/02/2012	DELHI
91	365977	3224/DELNP/2012	20/10/2010	20/10/2009	STACKING OF GLOVES	SAFEDON LIMITED	23/10/2015	DELHI
92	365980	6377/DELNP/2014	22/01/2013	23/01/2012	LARGE FORMAT POLYSTYRENE PANEL	UPCYCLE HOLDINGS LIMITED	13/11/2015	DELHI
93	365991	202017021056	28/12/2018	28/12/2017	METAL/FIBER-REINFORCED RESIN MATERIAL COMPOSITE	NIPPON STEEL CORPORATION	14/08/2020	DELHI
94	365994	201914026901	04/07/2019 18:50:07	11/07/2018	SPARK PLUG	NGK Spark Plug Co., Ltd.	17/01/2020	DELHI
95	365998	201617009148	13/08/2014	23/08/2013	FRACTIONATION SYSTEM HAVING RECTIFYING AND STRIPPING COLUMNS IN A SINGLE VESSEL WITH A UNIFORM DIAMETER	UOP LLC	29/07/2016	DELHI
96	366000	4562/DELNP/2012	25/10/2010	23/10/2009	A HEAT ENGINE	ULTRAMO LIMITED	27/11/2015	DELHI
97	366003	201617012199	06/05/2014	13/09/2013	HEAT RECOVERY FROM A HIGH PRESSURE STREAM	UOP LLC	26/08/2016	DELHI
98	366009	201717036324	30/03/2016	30/03/2015	INTENSIFICATION OF BIOCATALYTIC GAS ABSORPTION	CO2 SOLUTIONS INC.	08/12/2017	DELHI

99	366010	2266/DEL/2014	08/08/2014 15:46:01		METHOD AND SYSTEM FOR MONITORING AN ENVIRONMENT	Samsung Electronics Co., Ltd.	12/02/2016	DELHI
100	366011	201611009759	21/03/2016 16:06:49		BRUSHABLE/SPRAYABLE THERMAL BARRIER SILICONE PAINT AND ITS PROCESS THEREOF	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	22/09/2017	DELHI
101	366013	201817000147	22/07/2016	24/07/2015	ELECTRODIC APPARATUS FOR THE ELECTRODEPOSITION OF NON FERROUS METALS	INDUSTRIE DE NORA S.P.A.	23/03/2018	DELHI
102	366014	4597/DELNP/2014	14/12/2011	14/12/2011	STOP CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE	TOYOTA JIDOSHA KABUSHIKI KAISHA	08/05/2015	DELHI
103	366015	201817007933	10/08/2016	10/08/2015	METAL COMPOUNDS OF CALIXARENES DETERGENT COMPOSITIONS CONTAINING THEM AND USE THEREOF IN LUBRICANT COMPOSITIONS	ENI S.P.A	25/05/2018	DELHI
104	366019	201817014272	13/10/2016	13/10/2015	AIR CONDITIONING SYSTEM	SHIMIZU CORPORATION	07/09/2018	DELHI
105	366024	3686/DELNP/2012	02/11/2010	02/11/2009	SEAL FOR AN OSTOMY APPLIANCE	COLOPLAST A/S	06/11/2015	DELHI
106	366027	3912/DELNP/2013	25/05/2011	08/10/2010	TUMOR SPECIFIC ANTIBODIES AND USES THEREFOR	THE UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE	22/04/2016	DELHI
107	366029	201717042443	02/06/2016	02/06/2015	PROCESS AND SYSTEM FOR THERMAL TREATMENT OF GRANULAR SOLIDS	OUTOTEC (FINLAND) OY	16/02/2018	DELHI
108	366031	5146/DELNP/2014	22/01/2013	06/03/2012	EXHAUST GAS FEED DEVICE FOR AN INTERNAL COMBUSTION ENGINE	PIERBURG GMBH	27/03/2015	DELHI
109	366034	201617039685	27/03/2015	25/04/2014	DIAMINE PRODUCING MICROORGANISM AND METHOD FOR PRODUCING DIAMINE USING SAME	CJ CHEILJEDANG CORPORATION	10/03/2017	DELHI
110	366039	8414/DELNP/2015	14/03/2014	15/03/2013	ACRYLIC BLOCK COPOLYMERS	AVERY DENNISON CORPORATION	15/07/2016	DELHI

111	366043	2977/DELNP/2011	21/10/2009	21/10/2008	METHODS FOR PERFORMING PHOTOLITHOGRAPHY USING BARCS HAVING GRADED OPTICAL PROPERTIES	ADVANCED MICRO DEVICES, INC	30/03/2012	DELHI
112	366047	201711003492	31/01/2017 14:48:56		PROCESS FOR THE PREPARATION OF PURE FLUOROACRYLIC ACID ESTER	SRF Limited	03/08/2018	DELHI
113	366049	201817045102	28/06/2017	05/07/2016	PLANT GROWTH REGULATOR COMPOUNDS	SYNGENTA PARTICIPATIONS AG	11/10/2019	DELHI
114	366050	7211/DELNP/2014	05/02/2013	06/02/2012	CELLS AND METHODS FOR PRODUCING LUTEIN	THE RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK	31/08/2016	DELHI
115	366052	9282/DELNP/2013	06/06/2012	21/06/2011	A method of preventing denial-of-service attacks on hosts attached to a subnet and network element therefor	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	19/12/2014	DELHI
116	366057	10786/DELNP/2014	30/05/2013	30/05/2012	BALLAST WITH BATTERY BACKUP	FULHAM CO. LTD.	04/09/2015	DELHI
117	366060	11099/DELNP/2013	14/07/2011	14/07/2011	ALUMINUM PLATED STEEL SHEET HAVING EXCELLENT CORROSION RESISTANCE WITH RESPECT TO ALCOHOL OR MIXED GASOLINE OF SAME AND APPEARANCE AND METHOD OF PRODUCTION OF SAME	NIPPON STEEL CORPORATION	02/01/2015	DELHI
118	366063	7892/DELNP/2013	15/03/2012	16/03/2011	ILLUMINATED BALLOON	SEATRIEVER INTERNATIONAL HOLDINGS LIMITED	19/12/2014	DELHI
119	366064	6282/DELNP/2012	26/01/2011	26/01/2010	SYSTEM FOR HEATING WORKPIECES USING THERMAL ENERGY •	D¼rr Systems AG •	25/09/2015	DELHI
120	366065	4856/DELNP/2014	10/12/2012	14/12/2011	FIBER STRUCTURE INTENDED TO REINFORCE COMPOSITE MATERIAL PARTS AND INCLUDING A PORTION HAVING A REDUCED THICKNESS	SNECMA	20/03/2015	DELHI

121	366071	201817040202	15/05/2017	07/06/2016	NEW MENTHYL NICOTINATE SYNTHESIS PROCESS	MULTICHEM R&D S.R.L.	08/02/2019	DELHI
122	366072	2059/DELNP/2012	23/09/2010	29/09/2009	DEVICE FOR DIALYSIS TREATMENT AND METHOD FOR BALANCING FRESH AND USED DIALYSIS LIQUID	FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH	21/08/2015	DELHI
123	366074	487/DEL/2014	20/02/2014 12:11:52	22/02/2013	A CONSTRUCTION MACHINE FOR PROCESSING OR TRANSPORTING BULK MATERIAL	Joseph Vgele AG	31/08/2016	DELHI
124	366075	9344/DELNP/2015	25/02/2014	26/04/2013	APPARATUSES AND METHODS FOR REFORMING OF HYDROCARBONS	UOP LLC	12/02/2016	DELHI
125	366085	4475/DELNP/2015	26/11/2013	27/11/2012	SUPPORT STRUCTURE FOR VEHICLE MOUNTED ELECTRIC COMPONENT	HONDA MOTOR CO. LTD.	27/11/2015	DELHI
126	366089	202011018819	02/05/2020 17:32:14		APPARATUS AND METHOD TO FOR LOCATING A PASSENGER CARRIER SUSPECTED TO HAVE MET AN ACCIDENT IN WATER	Rajiv Kumar,Gourav Sharma,Sudesh Rani	19/06/2020	DELHI
127	366091	5883/DELNP/2013	05/12/2011	06/12/2010	MELT BLOWN NONWOVEN FABRIC AND PRODUCTION METHOD AND DEVICE FOR SAME	MITSUI CHEMICALS INC.	05/12/2014	DELHI
128	366096	201617008605	01/10/2014	01/10/2013	SPHERICAL PARTICLE, AND FOOD SUSPENSIONS AND CONSUMABLE MASSES HAVING SPHERICAL PARTICLES	BHLER AG	22/07/2016	DELHI
129	366098	202017015630	20/12/2018	21/12/2017	METHOD FOR PICKLING STEEL SHEETS	ARCELORMITTAL	28/08/2020	DELHI
130	366101	9676/DELNP/2013	03/06/2011	03/06/2011	DEVICE FOR PRODUCING GRAIN ORIENTED MAGNETIC STEEL SHEET AND METHOD FOR PRODUCING GRAIN ORIENTED MAGNETIC STEEL SHEET	NIPPON STEEL CORPORATION	19/12/2014	DELHI

131	366102	1950/DELNP/2014	06/09/2005	06/09/2004	TRANSPORT PROTEIN WHICH IS USED TO INTRODUCE CHEMICAL COMPOUNDS INTO NERVE CELLS	IPSEN BIOINNOVATION LIMITED	10/07/2015	DELHI
132	366103	10944/DELNP/2012	14/06/2011	14/06/2010	METHOD OF MANUFACTURING A RADIO FREQUENCEY IDENTIFICATION DEVICE •	AVERY DENNISON CORPORATION	29/01/2016	DELHI
133	366110	2306/DEL/2012	25/07/2012 15:45:05	21/09/2011	DRAFT DEVICE AND SPINNING MACHINE	MURATA MACHINERY, LTD.	30/10/2015	DELHI
134	366116	11050/DELNP/2013	30/06/2011	30/06/2011	DIRT RECOVERY DEVICE	HOWA MACHINERY LTD.	26/12/2014	DELHI
135	366118	862/DELNP/2013	02/08/2011	02/08/2010	FLEXIBLE STENT HAVING PROTRUDING HINGES	CORDIS CORPORATION	24/10/2014	DELHI
136	366119	201817021543	20/02/2017	22/02/2016	LIQUID MODIFIER AS CARRIER SYSTEM FOR CFAS IN FOAMED POLYSTYRENES	CLARIANT PLASTICS & COATINGS LTD	05/10/2018	DELHI
137	366122	201917019679	16/11/2017	17/11/2016	A SIMPLIFIED PROCEDURE FOR THE PREPARATION OF DARUNAVIR	JANSSEN SCIENCES IRELAND UNLIMITED COMPANY	09/08/2019	DELHI
138	366124	1239/DELNP/2015	19/07/2013	10/08/2012	ELECTROMAGNETIC SOLENOID	HONDA MOTOR CO. LTD.,MIKUNI CORPORATION	26/06/2015	DELHI
139	366125	10949/DELNP/2013	20/06/2012	21/06/2011	RAZOR CARTRIDGE WITH SKIN CONTACT ELEMENT	The Gillette Company LLC	26/12/2014	DELHI
140	366126	2794/DELNP/2015	06/09/2013	06/09/2012	FILTRATION MEMBRANES WITH NANOSCALE PATTERNS	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE	04/09/2015	DELHI
141	366131	2049/DEL/2015	07/07/2015 11:56:56		A METHOD OF PREPARATION OF ANTI TARNISHING ORGANIC-INORGANIC HYBRID SOL-GEL AND COATING THE SAME	INTERNATIONAL ADVANCED RESEARCH CENTRE FOR POWER METALLURGY AND NEW MATERIALS(ARCI)	13/01/2017	DELHI
142	366133	8219/DELNP/2014	29/03/2012	29/03/2012	ROAD SURFACE STATE ESTIMATION APPARATUS	TOYOTA JIDOSHA KABUSHIKI KAISHA	15/05/2015	DELHI
143	366136	201717013301	18/09/2015	18/09/2014	NICKEL CHROMIUM NANOLAMINATE COATING OR CLADDING HAVING HIGH HARDNESS	MODUMETAL INC.	04/08/2017	DELHI

144	366137	201914002085	17/01/2019 17:24:00	13/02/2018	EXHAUST GAS PURIFYING CATALYST	MITSUI MINING & SMELTING CO., LTD.	16/08/2019	DELHI
145	366139	1685/DELNP/2011	17/09/2009	18/09/2008	TRANSMISSION OF SOUNDING REFERENCE SIGNALS IN TDD COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	09/12/2011	DELHI
146	366140	526/DELNP/2013	29/06/2011	29/06/2010	DRILL BITS WITH ANTI-TRACKING FEATURES	BAKER HUGHES INCORPORATED	10/10/2014	DELHI
147	366143	201717038689	22/04/2016	08/05/2015	WATER BASED INK	KAO CORPORATION	12/01/2018	DELHI
148	366144	4266/DELNP/2015	27/11/2013	30/11/2012	A JOINT CONNECTION STRUCTURE OF A BUILDING FRAMEWORK •	MITEK HOLDINGS, INC.	01/07/2016	DELHI
149	366145	3341/DELNP/2012	04/10/2010	09/10/2009	SURGICAL STAPLER COMPRISING A STAPLE POCKET	ETHICON ENDO-SURGERY, INC	23/10/2015	DELHI
150	366146	201717039466	31/05/2016	18/06/2015	IN SITU FORMATION OF POLYURETHANE CATALYSTS	HUNTSMAN INTERNATIONAL LLC	22/12/2017	DELHI
151	366148	891/DEL/2010	13/04/2010 14:31:58	15/04/2009	DEVICE FOR ONLINE MONITORING OF TEMPERATURE OF HIGH VOLTAGE POWER CONDUCTORS WITH FIBRE OPTIC SENSORS	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, INDIA,SINTEF IKT, NORWAY	18/10/2013	DELHI
152	366153	507/DELNP/2012	26/06/2009	26/06/2009	METHOD AND ARRANGEMENT IN A COMMUNICATION NETWORK	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	02/10/2015	DELHI
153	366155	9998/DELNP/2014	17/05/2013	01/06/2012	A HONEYCOMB BODY FOR GAS PURIFICATION	EMITEC GESELLSCHAFT FR EMISSIONSTECHNOLOGIE MBH	14/08/2015	DELHI
154	366158	24/DEL/2013	04/01/2013		AUTOMOTIVE SWITCHING SYSTEM (LOW AMPERE) •	MINDA INDUSTRIES LIMITED	19/06/2015	DELHI
155	366161	6249/DELNP/2012	29/12/2009	29/12/2009	RIGID FRAME MULTI-BIT TOOL WITH SPRING LOADED ACTUATION MECHANISMS PREVENTING JAMMING OF BIT ASSEMBLIES	GRAND Gerard	03/01/2014	DELHI

156	366167	1808/DEL/2011	24/06/2011 15:23:39	09/07/2010	WIND TURBINE, CONTROL SYSTEM, AND METHOD FOR OPTIMIZING WIND TURBINE POWER PRODUCTION	GENERAL ELECTRIC COMPANY	27/04/2012	DELHI
157	366173	6912/DELNP/2012	11/02/2011	17/02/2010	SINGLE SYSTEM WITH INTEGRATED COMPRESSOR AND PUMP AND METHOD	NUOVO PIGNONE S.p.A.	14/02/2014	DELHI
158	366175	9176/DELNP/2014	17/04/2013	10/05/2012	MULTISTAGE IIR FILTER AND PARALLELIZED FILTERING OF DATA WITH SAME	DOLBY LABORATORIES LICENSING CORPORATION	10/07/2015	DELHI
159	366177	2290/DEL/2013	31/07/2013 13:10:14		PCDA PHBV ELECTROSPUN ADHERENT MATS AS AUTHENTICATIN FEATURE	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	06/02/2015	DELHI
160	366184	201817015715	07/10/2016	16/10/2015	A LIFTING WALL ARRANGEMENT AND A SEGMENT OF A LIFTING WALL ARRANGEMENT	METSO SWEDEN AB	05/10/2018	DELHI
161	366185	201917023161	25/10/2017	21/12/2016	COMPOSITION OF MATTER AND STRUCTURE OF ZEOLITE UZM-55 AND USE IN ISOMERIZATION OF AROMATIC MOLECULES	UOP LLC	02/08/2019	DELHI
162	366188	201717036019	29/03/2016	02/04/2015	CONTINUOUS PROCESS AND APPARATUS FOR PURIFYING SO2 CONTAINING GASES	CHEMETICS INC.	08/12/2017	DELHI
163	366189	201717014850	22/10/2015	23/10/2014	REDUCING VISCOSITY OF PHARMACEUTICAL FORMULATIONS	AMGEN INC.	15/09/2017	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	365690	201827001815	30/07/2016	30/07/2015	COMPOUNDS AND PHARMACEUTICAL COMPOSITION ASSOCIATED WITH UBIQUITINATION PROTEASOME SYSTEM	CALGENT BIOTECHNOLOGY CO., LTD.	27/04/2018	MUMBAI
2	365691	201727016114	09/10/2014	09/10/2014	HEAT EXCHANGE PROCESS FOR ADSORBER REGENERATION	BASF SE	07/07/2017	MUMBAI
3	365693	3478/MUMNP/2015	19/08/2014	20/08/2013	PROCESS FOR THE PREPARATION OF 2 2 BIS INDENYL BIPHENYL LIGANDS AND THEIR METALLOCENE COMPLEXES	SAUDI BASIC INDUSTRIES CORPORATION,SABIC GLOBAL TECHNOLOGIES B.V.	15/07/2016	MUMBAI
4	365698	580/MUM/2013	27/02/2013 15:54:38		STORAGE EFFICIENCY WITHIN CLUSTERED SYSTEMS	Tata Consultancy Services Limited	12/12/2014	MUMBAI
5	365727	802/MUMNP/2015	27/09/2013	01/10/2012	USE OF CONTAMINATED LOW RANK COAL FOR COMBUSTION	Sure Champion Investment Limited	27/05/2016	MUMBAI
6	365728	201927001849	15/08/2016	17/06/2016	RETRACTABLE CENTER FEED INJECTION DEVICE	DELTAVALVE, LLC	02/10/2020	MUMBAI
7	365743	1178/MUM/2011	08/04/2011 14:58:14		A SYSTEM FOR E-EXAMINATION OF A PATENT APPLICATION	MOHAN DEWAN	30/11/2012	MUMBAI
8	365747	201727031790	14/01/2016	10/02/2015	TWO COMPONENT COATING COMPOSITIONS AND COATINGS MADE THEREFROM FOR INCREASING RESISTANCE AGAINST EROSION	BASF COATINGS GMBH	10/11/2017	MUMBAI

9	365761	1187/MUMNP/2012	03/09/2010	19/11/2009	FORMING SHOULDER AND DEVICE FOR PRODUCING TUBULAR BAGS	DRUT ,HENRY	24/08/2012	MUMBAI
10	365766	2747/MUM/2015	21/07/2015 12:27:01		A VERTICAL FLOW IMMUNOASSAY DEVICE FOR DETECTION OF SNAKE ENVENOMATION	VISHAL KATARIYA,VIVEK WAYSE,PRADEEP DIWATE	12/02/2016	MUMBAI
11	365779	445/MUMNP/2015	23/08/2013	24/08/2012	SCAFFOLDING MATRIX WITH INTERNAL NANOPARTICLES	SILA NANOTECHNOLOGIES INC.	22/01/2016	MUMBAI
12	365793	202021011937	19/03/2020 17:41:32		AN ANTI-FRAUD HUMAN WEARABLE SYSTEM WITH DISPLAY OPTIONS	WALKERT AI PRIVATE LIMITED	12/06/2020	MUMBAI
13	365799	931/MUMNP/2011	12/11/2009	12/11/2009	PRECISION MEASUREMENT OF WAVEFORMS	Paul Reed Smith Guitars Limited Partnership	10/02/2012	MUMBAI
14	365804	201827003306	12/01/2016	05/08/2015	METHOD AND DEVICE FOR PROVIDING WIRELESS ACCESS POINT	SHANGHAI LIANSHANG NETWORK TECHNOLOGY CO. LTD.	04/05/2018	MUMBAI
15	365809	201927040482	28/06/2018	28/06/2017	DISPENSING DEVICE FOR NASAL ADMINISTRATION OF A PHARMACEUTICAL COMPOSITION	GLENMARK SPECIALTY S.A.	02/10/2020	MUMBAI
16	365818	201827005695	03/08/2016	05/08/2015	THICKENING AGENT FOR AQUEOUS SYSTEMS FORMULATIONS CONTAINING SAME AND USES THEREOF	COATEX	04/05/2018	MUMBAI
17	365821	1041/MUMNP/2014	05/03/2013	30/03/2012	BALLAST WATER TREATMENT DEVICE USING TRANSPORTATION CONTAINER	MITSUBISHI SHIPBUILDING CO., LTD.,Hitachi Ltd.	08/05/2015	MUMBAI
18	365828	1464/MUM/2015	08/04/2015 13:04:39		AN ORTHOPAEDIC PLASTER SPLINT	COLLEGE OF ENGINEERING, PUNE	07/04/2017	MUMBAI
19	365838	2026/MUMNP/2011	01/04/2010	01/04/2009	OCULAR SURFACE INTERFEROMETRY (OSI) DEVICES, SYSTEMS, AND METHODS FOR IMAGING, PROCESSING, AND/OR DISPLAYING AN OCULAR TEAR FILM.	TearScience Inc.	09/03/2012	MUMBAI

20	365844	2677/MUMNP/2014	17/08/2013	22/08/2012	AIR DRIVEN REDUCTANT DELIVERY SYSTEM	NANJING KEYI ENVIRONMENTAL PROTECTION SCIENCE AND TECHNOLOGY CO. LTD.	28/08/2015	MUMBAI
21	365845	1464/MUM/2013	21/04/2013 00:42:59		MODULAR PADDLE-CART WITH STEERING MECHANISM	SATISH P. LOKHANDE,YOGESH L. YENARKAR	10/05/2013	MUMBAI
22	365873	1529/MUM/2012	18/05/2012 15:29:16		METHOD FOR CREATING STRUCTURED EVENT OBJECTS	TATA CONSULTANCY SERVICES LIMITED	10/01/2014	MUMBAI
23	365882	201827016517	04/10/2016	05/10/2015	METHOD FOR PRODUCING RUTHENIUM/IRON/CARBON CARRIER CATALYSTS	BASF SE	15/06/2018	MUMBAI
24	365897	2013/MUM/2013	13/06/2013 15:14:23		A LOGO MOUNTING ASSEMBLY FOR DOOR LOCKS	GODREJ & BOYCE MFG. CO. LTD.	05/06/2015	MUMBAI
25	365899	782/MUMNP/2012	29/09/2010	01/10/2009	WOVEN PREFORM, COMPOSITE, AND METHOD OF MAKING THEREOF	ALBANY ENGINEERED COMPOSITES, INC.	31/08/2012	MUMBAI
26	365905	201727032870	16/02/2016	17/02/2015	METHOD AND APPARATUS FOR PALETTE CODING OF MONOCHROME CONTENTS IN VIDEO AND IMAGE COMPRESSION	HFI INNOVATION INC.	10/11/2017	MUMBAI
27	365914	201821014768	18/04/2018 17:52:44		THREE DIMENSIONAL NET OR COIL LIKE STRUCTURE FOR COMFORTABLE CUSHIONING AND MATTRESSES.	Genex Science and Technologies Pvt. Ltd.	25/10/2019	MUMBAI
28	365915	202021035237	15/08/2020 19:13:18		A DEVICE FOR SCLEROTOMY SUTURING	BHAD SUNIL MOTIRAM,PATIL KETKI ARUN	28/08/2020	MUMBAI
29	365916	201627019101	12/01/2015	29/01/2014	AN AQUEOUS SUSPOEMULSION CONTAINING LAMBDA CYHALOTHRIN AND METHODS FOR MAKING AND USING THE SAME	ROTAM AGROCHEM INTERNATIONAL COMPANY LIMITED	31/08/2016	MUMBAI

30	365922	201724015614	03/05/2017 16:28:59	06/05/2016	NANO CORE-SHELL SILICA MICRO-SPHERE, INCREASING TRANSMISSION OR ANTI-REFLECTIVE COMPOSITE COATING SOLUTION AND PREPARATIONS AND APPLICATIONS THEREOF	Dongguan CSG Solar Glass Co., Ltd,CSG holding Co., Ltd	10/11/2017	MUMBAI
31	365930	201921051881	13/12/2019 20:42:32		BARRIER FILM AND IMPLEMENTATIONS THEREOF	NAIR, Hariharan Krishnan	10/07/2020	MUMBAI
32	365936	201921014084	08/04/2019 16:21:37		METHOD, APPARATUS AND SYSTEM FOR FINDING A SQUARE ROOT OF A PERFECT SQUARE NUMBER.	MR. PATIL AVINASH SUBHASH,DR. PATIL SHAILAJA C.,DR. BORMANE D S,MS. WADAR SUSHMA RAJU	10/05/2019	MUMBAI
33	365943	2552/MUMNP/2011	28/05/2010	01/06/2009	METHOD AND SYSTEM FOR DIRECTING A LOCALIZED BIOLOGICAL RESPONSE TO AN IMPLANT	PROFUSA, INC	30/03/2012	MUMBAI
34	365948	1658/MUMNP/2015	20/12/2013	17/01/2013	RENDERING GRAPHICS DATA USING VISIBILITY INFORMATION	QUALCOMM INCORPORATED	27/05/2016	MUMBAI
35	365951	4664/MUM/2015	11/12/2015 16:23:46	22/12/2014	PROCESSING LINE AND METHOD FOR INSPECTING A POULTRY CARCASS AND/OR A VISCERA PACKAGE TAKEN OUT FROM THE POULTRY CARCASS	Meyn Food Processing Technology B.V.	26/08/2016	MUMBAI
36	365952	201927006549	19/07/2017	20/07/2016	A PROCESS FOR PREPARING PROPYLENE OXIDE	BASF SE,DOW GLOBAL TECHNOLOGIES LLC	02/10/2020	MUMBAI
37	365966	201921040597	07/10/2019 18:48:19		DEVICE FOR POWER CONSUMPTION REDUCTION IN RING FRAME/SPINNING	M/S BHAGYASHREE INNOVATIVE TEXTILE MACHINERY PRIVATE LIMITED	03/07/2020	MUMBAI
38	365969	667/MUMNP/2013	13/08/2010	13/08/2009	METHOD AND APPARATUS FOR ENCODING/DECODIN G MOTION VECTOR •	SAMSUNG ELECTRONICS CO., LTD.	20/06/2014	MUMBAI
39	365978	3560/MUM/2015	18/09/2015 12:07:08		AN IMPROVED PROCESS FOR PREPARATION OF TRIENTINE HYDROCHLORIDE	EMCURE PHARMACEUTICAL S LIMITED	21/04/2017	MUMBAI

40	365979	488/MUMNP/2012	18/08/2010	18/08/2009	FLOW METER ASSEMBLY, GATE ASSEMBLIES AND METHODS OF FLOW MEASUREMENT	RUBICON RESEARCH PTY LTD	31/08/2012	MUMBAI
41	365984	880/MUMNP/2015	20/06/2013	16/10/2012	A METHOD PERFORMED BY A MOBILE NETWORK DEVICE	CISCO TECHNOLOGY INC.	27/05/2016	MUMBAI
42	365989	1125/MUMNP/2014	10/12/2012	09/12/2011	RESPIRATORY INFECTION ASSAY	THE SECRETARY OF STATE FOR HEALTH	20/02/2015	MUMBAI
43	365992	2086/MUMNP/2010	03/04/2008	03/04/2008	METHOD AND ARRANGEMENT FOR HANDLING HANDOVER RELATED PARAMETERS IN A MOBILE COMMUNICATIONS NETWORK •	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	21/01/2011	MUMBAI
44	365997	201827015691	03/08/2016	27/10/2015	COMPOSITE POLYURETHANE FOAM CONTAINING GRAPHENE AND PREPARATION METHOD AND USE	JINAN SHENGQUAN GROUP SHARE HOLDING CO. , LTD.	03/08/2018	MUMBAI
45	366002	540/MUMNP/2015	22/08/2013	22/08/2012	DEVICE AND METHOD FOR SHARING CONTENT USING THE SAME	SAMSUNG ELECTRONICS CO. LTD.	08/04/2016	MUMBAI
46	366016	2164/MUM/2014	03/07/2014 16:31:26		ACETYLCHOLINESTE RASE (AChE) INHIBITORS COATED NANOPARTICLES CONJUGATES	Charotar University of Science & Technology	08/01/2016	MUMBAI
47	366021	1177/MUM/2014	29/03/2014 17:21:03		AN ELECTRICAL INDICATION OF POSITIONS IN A DRAW OUT TYPE OF CIRCUIT BREAKERS	SCHNEIDER ELECTRIC INDIA PRIVATE LIMITED	02/10/2015	MUMBAI
48	366023	201621022965	04/07/2016 19:26:39		A SELF DIGGING ATTACHMENT FOR POSTS (POLES)	DAREKAR Vijay,AVINASH KAORE,CHAWLA Gaurav Harish	21/10/2016	MUMBAI
49	366030	3129/MUMNP/2015	21/05/2014	27/05/2013	WATER SOLUBLE POLYMERS FOR AGROCHEMICAL COMPOSITIONS	LAMBERTI SPA	03/06/2016	MUMBAI
50	366032	4003/MUM/2014	12/12/2014 18:41:28		PROVIDING REQUESTED CONTENT IN AN OVERLAY INFORMATION CENTRIC NETWORKING (O-ICN) ARCHITECTURE	TATA CONSULTANCY SERVICES LIMITED	17/06/2016	MUMBAI

51	366056	2788/MUMNP/2012	15/06/2011	15/06/2010	FACILITY FOR PRODUCING ELECTRICAL ENERGY FROM WIND	BAKER Brookes H.	31/01/2014	MUMBAI
52	366061	201921046301	14/11/2019 14:37:26		A PROCESS FOR THE DEPOSITION OF HOMOGENEOUS YTTRIA LAYER AS PROTECTIVE COATING ON THE INTERIOR SURFACE OF QUARTZ TUBES	Secretary, Department of Atomic Energy	31/01/2020	MUMBAI
53	366062	201624000762	08/01/2016 16:23:56	06/08/2015	AN OPTICAL ISOLATOR, A LASER OUTPUT HEAD AND A LASER DEVICE	Maxphotonics Corporation	21/04/2017	MUMBAI
54	366070	3877/MUM/2014	03/12/2014 15:59:53		A lipsalve formulation and a process for preparing the same •	Indian Institute of Technology, Bombay	10/06/2016	MUMBAI
55	366078	2585/MUM/2014	11/08/2014 16:25:46		MULTI-DRIVE MODE VEHICLE	TATA MOTORS LIMITED	04/03/2016	MUMBAI
56	366084	549/MUM/2014	18/02/2014 13:09:14		METHOD FOR FOOD PROCESSING AND PRESERVATION TO IMPROVE STORABILITY OF FOOD GRAINS.	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	25/09/2015	MUMBAI
57	366086	2122/MUM/2014	30/06/2014 17:21:22		A SYSTEM WHICH INTELLIGENTLY AND OPTIMALLY CONTROLS POWER UTILIZATION FROM HYBRID ENERGY SOURCES	MAHINDRA EPC SERVICES PVT.LTD.	28/11/2014	MUMBAI
58	366115	201727012702	08/10/2015	14/10/2014	APPARATUS AND METHOD FOR LAYER THICKNESS MEASUREMENT FOR A VAPOUR DEPOSITION METHOD	NICE SOLAR ENERGY GMBH	09/06/2017	MUMBAI
59	366120	201727012033	18/09/2015	18/09/2014	A FUNCTIONALIZED POLYOXYALKYLENE SILOXANE POLYMERS AND COPOLYMERS MADE THEREFROM	MOMENTIVE PERFORMANCE MATERIALS INC.	02/06/2017	MUMBAI
60	366123	201821045186	29/11/2018 22:06:00		SYSTEM FOR CONTINUOUS EXTRACTION OF PURE WATER FROM FEEDS WITH RESATURATION AND REUSE OF DRAW	INSTITUTE OF CHEMICAL TECHNOLOGY	05/06/2020	MUMBAI

61	366142	201821019668	25/05/2018 17:20:00		PINCER LIGAND BASED PALLADIUM CATALYST FOR C-H ACTIVATION	Indian Institute of Technology Bombay	29/11/2019	MUMBAI
62	366156	2120/MUMNP/2012	09/03/2011	09/03/2010	DEVICE FOR PRODUCING A SEALED ELECTRICAL CONNECTION THROUGH A WALL	BONTAZ CENTRE R& D	14/02/2014	MUMBAI
63	366172	1270/MUMNP/2014	07/06/2012	28/05/2012	AN AMORPHOUS ALLOY TRANSFORMER IRON CORE OF THREE-DIMENSIONAL TRIANGLE STRUCTURE	GUANGDONG HAIHONG TRANSFORMER CO. LTD.	13/03/2015	MUMBAI
64	366174	1053/MUM/2014	27/03/2014 09:45:09		A MECHANISM FOR SUPPORTING AND REGULATING MOVEMENT OF A CLOSURE OF A VEHICLE	TATA MOTORS LIMITED	02/10/2015	MUMBAI
65	366195	3651/MUM/2012	27/12/2012 13:20:23		EMITTERS FOR DISCHARGING LIQUID	JAIN IRRIGATION SYSTEMS LIMITED	04/07/2014	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	365668	227/CHENP/2015	05/06/2013	22/06/2012	AMIDE COMPOUND AND USE THEREOF FOR PEST CONTROL	SUMITOMO CHEMICAL COMPANY LIMITED	01/07/2016	CHENNAI
2	365670	10191/CHENP/2012	10/05/2011	10/05/2010	NON WOVEN SELF WRAPPING THERMAL SLEEVE AND METHOD OF CONSTRUCTION THEREOF	FEDERAL MOGUL POWERTRAIN INC.	13/06/2014	CHENNAI
3	365672	7325/CHENP/2013	27/03/2012	31/03/2011	ROTOR FOR IPM MOTOR, AND IPM MOTOR EQUIPPED WITH SAME	NISSHIN STEEL CO. LTD.	20/02/2015	CHENNAI
4	365675	201841005400	13/02/2018 16:33:34		FULL DUPLEX FRONT-END FOR MIMO WIRELESS SYSTEM	Indian Institute of Technology Madras (IIT Madras)	16/08/2019	CHENNAI
5	365678	207/CHE/2011	21/01/2011 18:29:29		METHOD AND DEVICE FOR MANUAL SEARCHING AND SELECTING A PUBLIC LAND MOBILE NETWORK (PLMN) IN A MULTIPLE RADIO ACCESS TECHNOLOGY ENVIRONMENT	SAMSUNG R&D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	21/12/2012	CHENNAI
6	365679	3348/CHENP/2014	19/09/2008	19/09/2007	APPARATUS AND METHOD FOR RESOURCE REMAPPING AND REGROUPING IN A WIRELESS COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	03/07/2015	CHENNAI
7	365682	637/CHE/2009	20/03/2009 20:06:21		TECHNIQUES FOR SUPPORTING EMERGENCY COMMUNICATIONS IN WIRELESS COMMUNICATION SYSTEM	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	18/11/2011	CHENNAI

8	365683	1474/CHENP/2013	19/08/2011	24/08/2010	SYSTEM AND METHOD FOR UPLINK DATA TRANSFER IN DYNAMIC TIMESLOT REDUCTION	BLACKBERRY LIMITED	31/08/2016	CHENNAI
9	365684	201747047158	05/07/2016	03/07/2015	MATERIAL FOR ENHANCING ATTRIBUTES OF A TOPICAL OR SURFACE TREATMENT COMPOSITION	TYGRUS, LLC	12/01/2018	CHENNAI
10	365686	58/CHENP/2014	09/06/2011	09/06/2011	UNINTERRUPTIBLE POWER SUPPLY SYSTEM	TOSHIBA MITSUBISHI ELECTRIC INDUSTRIAL SYSTEMS CORPORATION	24/06/2016	CHENNAI
11	365692	5958/CHENP/2015	16/04/2013	16/04/2013	FUEL INJECTION VALVE	MITSUBISHI ELECTRIC CORPORATION	01/07/2016	CHENNAI
12	365699	2854/CHENP/2015	23/10/2013	23/10/2012	COMPOSITION FOR CLEAVING A TARGET DNA COMPRISING A GUIDE RNA SPECIFIC FOR THE TARGET DNA AND CAS PROTEIN ENCODING NUCLEIC ACID OR CAS PROTEIN AND USE THEREOF	TOOLGEN INCORPORATED	01/07/2016	CHENNAI
13	365701	201847002818	20/04/2016	29/07/2015	NOVEL CATALYTIC COMPOSITION COMPRISING NICKEL AND A LIGAND OF THE PHOSPHINE COMPLEXED WITH NICKEL TYPE, AND USE THEREOF IN AN OLEFIN OLIGOMERISATION METHOD	IFP Energies nouvelles	27/04/2018	CHENNAI
14	365702	201747045783	22/06/2016	22/06/2015	IMPROVEMENTS IN OR RELATING TO ENCAPSULATED PERFUME COMPOSITIONS	GIVAUDAN SA	05/01/2018	CHENNAI
15	365703	5076/CHENP/2015	27/01/2014	25/01/2013	ANTIBODY CONSTRUCTS FOR CDH19 AND CD3	AMGEN RESEARCH (MUNICH) GMBH,AMGEN INC.	01/07/2016	CHENNAI

16	365705	8138/CHENP/2014	08/05/2013	09/05/2012	BIPARATOPIC BINDING POLYPEPTIDES FOR CXCR2 AND USES THEREOF	ABLYNX N.V.,	01/07/2016	CHENNAI
17	365714	8795/CHENP/2014	28/05/2012	28/05/2012	A METHOD A SERVER AND A COMPUTER PROGRAM FOR LOCAL DISCOVERY	NOKIA TECHNOLOGIES OY	01/07/2016	CHENNAI
18	365716	6062/CHENP/2015	17/03/2014	15/03/2013	SELF ASSEMBLING SYNTHETIC PROTEINS	In3Bio Ltd.,CHARLTON Keith Alan,DHONDT Erik,VERHAMME Daniel T.	31/08/2016	CHENNAI
19	365719	201647012194	27/11/2014	30/11/2013	CONTACTOR ELECTROMAGNETIC SYSTEM	DELIXI ELECTRIC LTD	15/07/2016	CHENNAI
20	365729	1433/CHENP/2014	15/06/2012	02/08/2011	TIRE HAVING KNIT FABRIC REINFORCEMENT IN SIDEWALL AREA	MILLIKEN & COMPANY	01/07/2016	CHENNAI
21	365737	201847038520	10/04/2017	12/04/2016	PROCESSES AND SYSTEMS FOR THE RECYCLE OF PROCESS WATER IN THE PRODUCTION OF ETHYLENE GLYCOL	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	19/10/2018	CHENNAI
22	365738	202047036506	26/02/2019	28/02/2018	METHOD FOR PRODUCING BIS(FLUOROSULFONYL)AMIDE ALKALI METAL SALT POWDER	NIPPON SODA CO., LTD.	18/09/2020	CHENNAI
23	365740	7352/CHENP/2012	24/02/2011	26/02/2010	TRANSPORT STREAM PACKET HEADER COMPRESSION •	SUN PATENT TRUST	26/12/2014	CHENNAI
24	365741	7814/CHENP/2012	03/03/2011	09/03/2010	A COVERING ASSEMBLY FOR A SEAT AND SEAT ADAPTED FOR PROTECTING A USER	DAINESE S.P.A	14/03/2014	CHENNAI
25	365742	201847003001	22/07/2016	04/09/2015	GUARANTEED STARTUP FOR SWITCH-MODE POWER SUPPLIES	QUALCOMM INCORPORATED	30/03/2018	CHENNAI
26	365744	4714/CHE/2012	09/11/2012 16:35:56	10/11/2011	EXHAUST GAS ANALYSIS SYSTEM	HORIBA, LTD.	18/04/2014	CHENNAI
27	365745	3475/CHENP/2013	06/10/2011	07/10/2010	AN ANNULAR BARRIER	Welltec Oilfield Solutions AG	03/06/2016	CHENNAI

28	365746	6073/CHENP/2013	19/03/2012	28/03/2011	REDUCED COMPLEXITY TRANSFORM FOR A LOW FREQUENCY EFFECTS CHANNEL	DOLBY LABORATORIES LICENSING CORPORATION	13/02/2015	CHENNAI
29	365748	201647022056	03/12/2013	03/12/2013	MODIFIED FIBER AND METHOD FOR PRODUCING SAME	KB TSUZUKI K.K.	31/08/2016	CHENNAI
30	365751	201647014536	23/10/2014	31/10/2013	DERIVATIVES OF N DESULFATED GLUCOSAMINOGLYCANS AND USE AS DRUGS	NOVAHEALTH BIOSYSTEMS, LLC	05/08/2016	CHENNAI
31	365754	201744013684	18/04/2017 12:17:32	22/04/2016	ORGANIC HYDROPHILIC COATING COMPOSITION AND HYDROPHILIC FILM, AND ALUMINUM MATERIAL FOR HEAT EXCHANGER	Alcom Nikkei Specialty Coatings Sdn. Bhd.	27/10/2017	CHENNAI
32	365757	2556/CHENP/2011	11/09/2009	24/09/2008	GENERATION OF STANDARD PROTOCOLS FOR REVIEW OF 3D ULTRASOUND IMAGE DATA	KONINKLIJKE PHILIPS ELECTRONICS N.V.	02/03/2012	CHENNAI
33	365760	201847021901	19/12/2016	21/12/2015	PROCESS FOR THE PRODUCTION OF POLYURETHANE FOAMS	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	22/06/2018	CHENNAI
34	365762	4173/CHE/2011	01/12/2011 20:18:35		METHOD AND SYSTEM FOR CHANNEL MITIGATION USING PER-TONE SPREADING IN SINGLE CARRIER BLOCK TRANSMISSION	SAMSUNG R&D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	21/06/2013	CHENNAI
35	365764	201847048822	31/01/2017	01/06/2016	METHOD FOR PRODUCING HYDROCARBON LIQUID FUEL	Revo International Inc.	04/01/2019	CHENNAI
36	365765	1494/CHENP/2008	25/09/2006	27/09/2005	LED LANDSCAPE LIGHTING FIXTURES	KONINKLIJKE PHILIPS ELECTRONICS N.V.	28/11/2008	CHENNAI
37	365769	2570/CHENP/2013	09/02/2012	10/02/2011	FLANGE PIPE COUPLING	ACTUANT OPERATIONS UK LIMITED	08/08/2014	CHENNAI
38	365770	3484/CHE/2014	15/07/2014 16:21:16	19/07/2013	SLEWING BEARING WITH A THROUGH-HOLE AND PLUG	AKTIEBOLAGET SKF	04/03/2016	CHENNAI

39	365771	1497/CHE/2015	24/03/2015 17:19:00	28/03/2014	WATER PUMP CONTROL APPARATUS	HONDA MOTOR CO., LTD.	01/07/2016	CHENNAI
40	365773	3667/CHE/2014	28/07/2014 16:20:30	02/08/2013	BREATHER STRUCTURE OF INTERNAL COMBUSTION ENGINE	HONDA MOTOR CO., LTD.	01/07/2016	CHENNAI
41	365777	5635/CHENP/2008	20/03/2007	20/03/2006	DEVICE, SYSTEMS, AND METHODS FOR MATERIAL FIXATION	CAYENNE MEDICAL INC,	20/03/2009	CHENNAI
42	365781	3919/CHE/2014	08/08/2014 18:12:10		PROCESS FOR THE UTILIZATION OF SPENT SILKWORM MOTHS FOR PRODUCING VALUE ADDED BY-PRODUCTS	CENTRAL SERICULTURAL RESEARCH AND TRAINING INSTITUTE	01/07/2016	CHENNAI
43	365783	201941004459	05/02/2019 13:20:00		A METHOD FOR SIMULTANEOUSLY ESTIMATING STIGMASTEROL AND -SITOSTEROL IN A SAMPLE	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	15/02/2019	CHENNAI
44	365784	747/CHE/2015	16/02/2015 16:22:29	20/02/2014	CANISTER ARRANGEMENT STRUCTURE FOR SADDLE-TYPE VEHICLE	HONDA MOTOR CO., LTD.	01/07/2016	CHENNAI
45	365785	253/CHE/2011	27/01/2011 16:30:04		METHOD AND DEVICE OF A WEB BROWSER	SAMSUNG R&D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	09/11/2012	CHENNAI
46	365789	8737/CHENP/2012	16/09/2010	19/03/2010	ELECTRIC DRIVE DEVICE AND ELECTRIC POWER STEERING DEVICE HAVING SAME MOUNTED THEREIN	Mitsubishi Electric Corporation	18/12/2015	CHENNAI
47	365790	201841008443	07/03/2018 18:27:04		APPARATUS AND METHOD FOR PURIFYING A FLUID	InnoDI Water Technologies Pvt. Ltd.	13/09/2019	CHENNAI
48	365791	3583/CHENP/2013	24/10/2011	10/11/2010	RESOURCE METERING SYSTEM AND METHOD USING SUCH A SYSTEM FOR SMART ENERGY CONSUMPTION	SIGNIFY HOLDING B.V.	10/06/2016	CHENNAI
49	365794	5395/CHENP/2012	11/11/2011	12/11/2010	SCALABLE AUDIO IN A MULTI-POINT ENVIRONMENT	POLYCOM, INC	28/02/2014	CHENNAI

50	365795	497/CHENP/2013	28/06/2011	29/06/2010	STACKED IC COMPRISING INTEGRATED VOLTAGE REGULATOR WITH EMBEDDED PASSIVE DEVICE (S)	QUALCOMM INCORPORATED	20/05/2016	CHENNAI
51	365796	4660/CHE/2012	07/11/2012 13:52:56	16/11/2011	ELECTRIC ROTATING MACHINE •	SUZUKI MOTOR CORPORATION	29/04/2016	CHENNAI
52	365797	1570/CHE/2010	07/06/2010 15:45:34		A RETRACTABLE TRAINER WHEEL FOR A BICYCLE	TUBE INVESTMENTS OF INDIA LIMITED	27/04/2012	CHENNAI
53	365802	201647034061	08/04/2015	08/05/2014	UPDATES TO SUPPORT NETWORK BASED INTERNET PROTOCOL FLOW MOBILITY	INTEL IP CORPORATION	18/11/2016	CHENNAI
54	365803	201747004045	09/09/2015	18/09/2014	APPARATUS AND METHOD FOR LOST POWER DETECTION	QUALCOMM INCORPORATED	02/06/2017	CHENNAI
55	365805	201744014579	25/04/2017 14:38:56	29/04/2016	NOVEL DEVICE FOR DISTRIBUTING GAS AND LIQUID IN CATALYTIC DISTILLATION COLUMNS	IFP Energies nouvelles	03/11/2017	CHENNAI
56	365806	4698/CHENP/2011	07/01/2010	08/01/2009	BLOOD COAGULATION SYSTEM ANALYZER, AND BLOOD COAGULATION SYSTEM ANALYSIS METHOD AND PROGRAM	SONY CORPORATION	14/09/2012	CHENNAI
57	365807	5264/CHENP/2015	27/02/2014	28/02/2013	ARTICLE OF FOOTWEAR INCORPORATING A KNITTED COMPONENT WITH AN INTEGRAL KNIT TONGUE	NIKE INNOVATE C.V.	01/07/2016	CHENNAI
58	365808	947/CHE/2010	05/04/2010 16:33:16		METHOD AND SYSTEM FOR DETECTING, NOTIFYING AND TRACKING VEHICLE THEFT	DELPHI TECHNOLOGIES, INC.	14/10/2011	CHENNAI
59	365815	8742/CHENP/2013	26/04/2012	06/05/2011	DRAWER	PAUL HETTICH GMBH & CO. KG	12/09/2014	CHENNAI

60	365819	5413/CHENP/2011	09/12/2009	30/12/2008	SYSTEM, METHOD, AND RESPIRATION APPLIANCE FOR SUPPORTING THE AIRWAY OF A SUBJECT	Koninklijke Philips N.V.	23/11/2012	CHENNAI
61	365833	3868/CHE/2014	07/08/2014 11:30:47		A METHOD FOR PROVIDING CONTEXTUAL INFORMATION ASSOCIATED WITH A SOURCE DOCUMENT USING INFORMATATION FROM EXTERNAL REFERENCE DOCUMENTS	Accenture Global Services Limited	01/07/2016	CHENNAI
62	365837	2985/CHE/2009	03/12/2009 16:02:05		METHOD AND APPARATUS OF COMMUNICATING PACKING/ENCRYPTION INFORMATION IN WIRELESS COMMUNICATION NETWORKS	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	18/11/2011	CHENNAI
63	365839	1644/CHE/2011	13/05/2011		THE ART, METHOD AND MANNER OF NANOSURFACE MODIFICATION OF TITANIUM IMPLANTS FOR ORTHOPEDIC OR DENTAL APPLICATIONS	AMRITA VISHWA VIDYAPEETHAM	27/05/2011	CHENNAI
64	365841	201947042941	23/03/2018	31/03/2017	POLYPEPTIDES HAVING DNASE ACTIVITY	NOVOZYMES A/S	01/11/2019	CHENNAI
65	365843	4006/CHE/2014	16/08/2014 12:51:22		REMOTE LOAD AND UPDATE CARD EMULATION SUPPORT	Accenture Global Services Limited	01/07/2016	CHENNAI
66	365849	3012/CHE/2008	01/12/2008		METHOD AND SYSTEM FOR PROCESSING DATA IN ELECTRONIC DEVICES	Samsung R & D Institute India- Bangalore Private Limited	01/11/2013	CHENNAI
67	365851	8081/CHENP/2011	08/06/2010	08/06/2009	SEAL ASSEMBLY •	NOETIC TECHNOLOGIES INC.	07/12/2012	CHENNAI
68	365852	201841045891	05/12/2018 12:20:00		FE/FE3C ENCAPSULATED N-CNT ELECTRODE FOR ELECTROCHEMICAL APPLICATIONS AND METHOD OF PREPARATION THEREOF	INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IIT Madras)	12/06/2020	CHENNAI

69	365853	2966/CHENP/2012	21/10/2010	30/10/2009	THREE-DIMENSIONAL ANALYSIS OF LESIONS REPRESENTED BY IMAGE DATA	KONINKLIJKE PHILIPS ELECTRONICS N.V.	21/06/2013	CHENNAI
70	365860	202041036565	25/08/2020 17:58:32		SYSTEM FOR ASSISTING A DEAF PERSON IN RESPONDING TO A SITUATION IN ASURROUNDING ENVIRONMENT WITHIN A PREMISE AND METHOD THEREOF	Jestin Joy,Sreeraj M,Kannan Balakrishnan,Alphonsa Kuriakose	18/09/2020	CHENNAI
71	365861	4080/CHE/2011	25/11/2011		A SYSTEM FOR PUMPING COLD WATER DEPLOYING PERMANENTLY MOORED FLOATING CONDUIT FROM DEEP SEA	NATIONAL INSTITUTE OF OCEAN TECHNOLOGY	03/05/2013	CHENNAI
72	365862	10298/CHENP/2013	24/05/2012	09/06/2011	INJECTION APPARATUS WITH NEEDLE HOUSING FOR DESENSITISING SKIN	ARDEHALI Massoud Hosseini	13/03/2015	CHENNAI
73	365864	201847025157	01/12/2016	09/12/2015	STABLE READY-TO-DRINK BEVERAGE COMPOSITIONS COMPRISING LIPOPHILIC ACTIVE AGENTS	Poviva Corp.,DOCHERTY, John ,BUNKA, Christopher, Andrew,IHRKE, Thomas, James	13/07/2018	CHENNAI
74	365866	8008/CHENP/2010	05/06/2009	06/06/2008	MOBILE STATION REATTACHING METHOD, SYSTEM, GATEWAY AND BASE STATION	Huawei Technologies Co. Ltd.	09/09/2011	CHENNAI
75	365868	6568/CHENP/2011	29/03/2010	31/03/2009	DATA REDISTRIBUTION IN DATA REPLICATION SYSTEMS	EMC CORPORATION	23/11/2012	CHENNAI
76	365869	202041035317	17/08/2020 16:13:38		CATALYTIC CONVERTER RETROFIT WITH MONOLITH CANISTER CONTAINING CERIA AND ZIRCONIA CATALYST COATED CLAY MARBLES FOR USE IN DIESEL ENGINES	Mr. Kolluri Srinivasa Chalapathi,Dr. T. Venkateswara Rao,Dr. Ch. Bhavanarayana Murthy,Ms. M. V. Annapurna,Ms. Kolluri Krishna Priya	11/09/2020	CHENNAI

77	365870	4093/CHENP/2014	30/11/2011	30/11/2011	FORCED AIR COOLED POWER CONVERSION DEVICE	Mitsubishi Electric Corporation	10/07/2015	CHENNAI
78	365872	8743/CHENP/2014	29/04/2013	21/05/2012	INVERSE DISPERSION COMPRISING A CATIONIC POLYMER AND A STABILIZING AGENT	BASF SE	01/07/2016	CHENNAI
79	365874	8506/CHENP/2014	23/04/2013	23/04/2012	ANTI HUMAN CD69 ANTIBODY	GeneFrontier Corporation,NATIONAL UNIVERSITY CORPORATION CHIBA UNIVERSITY	01/07/2016	CHENNAI
80	365875	2783/CHE/2011	12/08/2011 16:57:42		COUNTER-BIASED VALVE AND ACTUATOR ASSEMBLY	Dayco, LLC.,Synapse Engineering, Inc.	21/06/2013	CHENNAI
81	365876	201941041529	14/10/2019		METHOD AND SYSTEM FOR PERFORMING EXPERIMENTS IN A REMOTE LABORATORY	K R PRAKASH,RAMYA M V,Mohana Lakshmi J	22/05/2020	CHENNAI
82	365879	7440/CHENP/2011	15/03/2010	19/03/2009	SHAVING DEVICE WITH A HAIR DETECTOR	KONINKLIJKE PHILIPS ELECTRONICS N.V.	21/06/2013	CHENNAI
83	365881	1378/CHE/2015	19/03/2015 17:14:05	26/03/2014	FRONT COWL STRUCTURE FOR SADDLE-RIDE TYPE VEHICLE	HONDA MOTOR CO., LTD.	01/07/2016	CHENNAI
84	365883	201647016392	21/11/2014	27/12/2013	WIRELESS CHARGING DEVICE HAVING CONCAVE CHARGING STATION	INTEL CORPORATION	31/08/2016	CHENNAI
85	365884	554/CHENP/2013	30/06/2011	30/06/2010	SAFETY DEVICE	Welltec A/S	27/06/2014	CHENNAI
86	365887	201748033910	07/04/2011	07/04/2011	POLYPEPTIDES HAVING XYLANASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME	NOVOZYMES A/S,NOVOZYMES, INC.	13/10/2017	CHENNAI
87	365893	201941029933	24/07/2019 18:07:28		FOOD PROCESSOR MACHINE WITH READY TO COOK FOOD PRODUCT AND METHOD THEREOF	RAKAKA FOOD TECHNOLOGY PRIVATE LIMITED	25/09/2020	CHENNAI

88	365894	4896/CHENP/2013	20/12/2011	07/01/2011	PREDICTION ENCODING METHOD PREDICTION ENCODING DEVICE AND PREDICTION ENCODING PROGRAM FOR MOTION VECTOR AS WELL AS PREDICTION DECODING METHOD PREDICTION DECODING DEVICE AND PREDICTION DECODING PROGRAM FOR MOTION VECTOR	NTT DOCOMO INC.	10/06/2016	CHENNAI
89	365898	3457/CHE/2010	18/11/2010		SOLAR THERMAL INSULATION BLOCK SYSTEM	MYSORE SURESH, SUNIL	07/02/2014	CHENNAI
90	365901	6243/CHENP/2013	27/01/2012	27/01/2011	HIGH VOLTAGE TOLERANT RECEIVER	QUALCOMM Incorporated	26/09/2014	CHENNAI
91	365904	8507/CHENP/2013	04/04/2012	07/04/2011	MAGNETIC RESONANCE GUIDANCE OF A SHAFT TO A TARGET ZONE	KONINKLIJKE PHILIPS N.V.	12/12/2014	CHENNAI
92	365906	201747034736	20/05/2016	27/05/2015	LOCAL PERSISTING OF DATA FOR SELECTIVELY OFFLINE CAPABLE VOICE ACTION IN A VOICE-ENABLED ELECTRONIC DEVICE	GOOGLE INC.	13/10/2017	CHENNAI
93	365911	3241/CHE/2008	09/12/2008 18:05:16		METHOD AND SYSTEM FOR SELECTING WORDS IN A WORD GAME	Samsung R & D Institute India-Bangalore Private Limited	25/03/2016	CHENNAI
94	365917	5282/CHE/2014	23/10/2014 11:40:49	22/10/2013	A METAL MODIFIED Y ZEOLITE, ITS PREPARATION AND USE	CHINA PETROLEUM & CHEMICAL CORPORATION,RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC	01/07/2016	CHENNAI
95	365918	201847001404	17/06/2016	19/06/2015	BENZODIAZEPINE DERIVATIVES, AND COMPOSITIONS THEREOF	AGENEBIO, INC.	26/01/2018	CHENNAI
96	365919	8379/CHENP/2013	26/03/2012	30/03/2011	TOILET DEVICE	TOTO LTD.	08/08/2014	CHENNAI

97	365920	3618/CHE/2011	21/10/2011 15:37:37	28/10/2010	PROCESS FOR THE PRODUCTION OF HYDROGEN BY STEAM REFORMING AN OIL CUT WITH OPTIMIZED STEAM PRODUCTION	IFP ENERGIES NOUVELLES	14/06/2013	CHENNAI
98	365929	3946/CHE/2010	23/12/2010		RADIO FREQUENCY FOR CONSUMER ELECTRONICS BASED COMMUNICATION SYSTEM AND METHOD	SAMSUNG R&D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	16/11/2012	CHENNAI
99	365932	6580/CHENP/2013	07/02/2012	14/02/2011	ACOUSTIC TRANSDUCER ASSEMBLY FOR A PRESSURE VESSEL	ROSEMOUNT INC.	10/10/2014	CHENNAI
100	365933	5165/CHENP/2013	11/03/2011	06/12/2010	MOVABLE BLADE NOT CAUSING ABRASION OF FIXED BLADE OVER LONG PERIOD OF TIME SHEET CUTTING DEVICE PROVIDED WITH MOVABLE BLADE AND PRINTER PROVIDED WITH SHEET CUTTING DEVICE	NEC Platforms Ltd.	26/09/2014	CHENNAI
101	365934	3782/CHE/2013	26/08/2013 18:02:19		A METHOD AND APPARATUS FOR CONTROLLING EXHAUST EMISSION IN A MOTOR VEHICLE	Bosch Limited,Robert Bosch GmbH	06/03/2015	CHENNAI
102	365935	202041042663	01/10/2020 09:33:46		AN INTEGRATED OPTICAL ARRANGEMENT FOR COMBINATORIAL MICROSCOPY	Shilps Sciences Private Limited	30/10/2020	CHENNAI
103	365939	6490/CHENP/2013	06/01/2012	20/01/2011	MULTI-FUNCTIONAL HEAT SINK FOR LIGHTING PRODUCTS	Signify Holding B.V.	26/09/2014	CHENNAI
104	365945	2098/CHE/2014	25/04/2014 14:59:08		A METHOD OF OPTIMIZING EXECUTION OF TEST CASES AND A SYSTEM THEREOF	WIPRO LIMITED	02/05/2014	CHENNAI

105	365950	1601/CHE/2015	28/03/2015 14:36:43		SYSTEM AND METHOD FOR SELECTING VICTIM MEMORY BLOCK FOR GARBAGE COLLECTION	WIPRO LIMITED	01/05/2015	CHENNAI
106	365953	6014/CHENP/2014	18/09/2012	10/01/2012	DEVICE AND METHOD FOR CONTROLLING ROTATION OF DISPLAYED IMAGE	SAMSUNG ELECTRONICS CO. LTD.	01/07/2016	CHENNAI
107	365954	7501/CHENP/2013	16/02/2012	18/02/2011	AFFINITY BASED RANKED FOR SEARCH AND DISPLAY	GOOGLE LLC	12/09/2014	CHENNAI
108	365956	1874/CHENP/2013	31/08/2011	31/08/2010	APPLICATION MALL SYSTEM WITH FLEXIBLE AND DYNAMICALLY DEFINED RELATIONSHIPS BETWEEN USERS	HUAWEi TECHNOLOGIES CO., LTD.,	31/08/2016	CHENNAI
109	365958	1604/CHENP/2012	10/08/2010	08/09/2009	SECURING APPARATUS TO SUPPORT AND SECURE AN ARTICLE •	GRIPPLE LIMITED	29/03/2013	CHENNAI
110	365959	201847020106	17/12/2015	17/12/2015	HYDROGEN PEROXIDE BOOSTER SYSTEM FOR ENHANCED TEETH WHITENING	COLGATE-PALMOLIVE COMPANY	08/06/2018	CHENNAI
111	365961	5187/CHENP/2014	21/12/2012	27/12/2011	FILM COMPOSITION FOR BONDING	PARK, Heedae,MEHTA, Veerag	19/02/2016	CHENNAI
112	365962	1620/CHENP/2014	12/10/2011	12/10/2011	FAN SPRAY STRUCTURE FOR USE IN DISPENSING ACTUATOR	APTARGROUP, INC.	01/07/2016	CHENNAI
113	365964	202041021183	20/05/2020 14:04:27		POLYPECTOMY DEVICE FOR EXCISION OF POLYPS AND METHOD EMPLOYED THEREOF	KASI REDDY SINDHURA,YALAKA RAMI REDDY	05/06/2020	CHENNAI
114	365973	1919/CHE/2012	14/05/2012 19:57:52		HERBAL COMPOSITIONS FOR TREATMENT OR PREVENTION OF A BONE FRACTURE AND METHODS THEREOF	M POTTUKANNU	10/07/2015	CHENNAI

115	365975	5613/CHENP/2014	24/12/2012	27/12/2011	PRESSURE OVERSHOOTING PREVENTION SYSTEM FOR ELECTRONIC HYDRAULIC PUMP IN HYDRAULIC SYSTEM	DOOSAN INFRACORE CO. LTD.	01/07/2016	CHENNAI
116	365976	2418/CHENP/2014	27/08/2012	22/09/2011	METHOD FOR PRODUCING AN ALUMINUM FOIL WITH INTEGRATED SECURITY FEATURES	CONSTANTIA TEICH GMBH	10/10/2014	CHENNAI
117	365981	1525/CHENP/2013	18/08/2011	27/08/2010	PLUGGABLE METAL OXIDE SURGE ARRESTER	COOPER TECHNOLOGIES COMPANY	03/06/2016	CHENNAI
118	365982	1807/CHENP/2014	02/08/2012	12/08/2011	ENERGY MANAGEMENT DEVICE ENERGY MANAGEMENT SYSTEM AND PROGRAM	Panasonic Intellectual Property Management Co., ltd.	01/07/2016	CHENNAI
119	365983	201841048757	22/12/2018 08:32:00		A NANO CALCIUM BASED IN-SITU GEL FOR WOUND HEALING AND BURNS	M. S. Ramaiah University of Applied Sciences	26/06/2020	CHENNAI
120	365985	1300/CHE/2009	03/12/2009		A HIGH HEAT TRANSFER COEFFICIENT DRY STEAM CONDENSER	DOMMARAJU. KRISHNA MOHAN RAJU	27/04/2012	CHENNAI
121	365986	6909/CHENP/2015	10/06/2014	18/06/2013	A METHOD OF AGGREGATING WIRELESS COMMUNICATIONS TRAFFIC IN A FEMTOCELL/MOBILE DEVICE	QUALCOMM INCORPORATED	01/07/2016	CHENNAI
122	365987	3213/CHENP/2012	04/10/2010	06/10/2009	METHOD AND SYSTEM FOR CARRYING OUT REMOTE PHOTOPLETHYSMOGRAPHY	KONINKLIJKE PHILIPS ELECTRONICS N.V.	26/07/2013	CHENNAI
123	365988	201747018996	27/11/2014	27/11/2014	AN ANTENNA COMPONENT/AN ANTENNA FOR A SMALL CELL DEVICE	HUAWEI TECHNOLOGIES CO., LTD.	09/06/2017	CHENNAI
124	365993	201847007696	28/07/2016	06/08/2015	ACTUATOR FOR OPERATING AN ADJUSTING ELEMENT	JOHNSON MATTHEY PIEZO PRODUCTS GMBH	06/04/2018	CHENNAI

125	365995	201947015121	15/09/2017	22/09/2016	CORE TROFFER SNAP IN AND GROUNDING ASSEMBLY	SIGNIFY HOLDING B.V.	17/05/2019	CHENNAI
126	365999	3400/CHE/2014	09/07/2014 16:20:51	12/07/2013	METHOD OF MANUFACTURING DEVELOPER CONTAINER, DEVELOPER CONTAINER, DEVELOPING APPARATUS, PROCESS CARTRIDGE, AND IMAGE FORMING APPARATUS	CANON KABUSHIKI KAISHA	19/02/2016	CHENNAI
127	366001	1024/CHENP/2015	25/07/2013	25/07/2012	USER TERMINAL APPARATUS AND CONTROL METHOD THEREOF CROSS REFERENCE TO RELATED APPLICATIONS	SAMSUNG ELECTRONICS CO. LTD.	01/07/2016	CHENNAI
128	366004	4731/CHE/2013	21/10/2013 18:06:55		A NON-LINEAR PROCESSOR FOR ECHO CANCELING IN TWO-WAY COMMUNICATION SYSTEMS AND A METHOD THEREOF	The Secretary, Department of Electronics and Information Technology (DeitY),Center for Development of Advanced Computing (C-DAC)	24/04/2015	CHENNAI
129	366005	201647031581	11/12/2014	20/02/2014	COATING MATERIAL COMPOSITIONS AND COATINGS PRODUCED THEREOF AND THEIR USE	BASF COATINGS GMBH	04/11/2016	CHENNAI
130	366006	7018/CHENP/2014	19/03/2013	28/03/2012	LUBRICATION STRUCTURE FOR DIFFERENTIAL DEVICE	HONDA MOTOR CO.LTD.	01/07/2016	CHENNAI
131	366007	608/CHENP/2012	22/06/2010	24/06/2009	METHOD OF FORMING PISTON PIN HOLES AND BORING SYSTEM THEREFOR	TENNECO INC.	26/12/2014	CHENNAI
132	366017	2211/CHENP/2014	28/09/2012	29/09/2011	ASSISTING USE OF CONTROL DEVICES WITH DIFFERENT ELECTRONIC DEVICES	DISH Technologies L.L.C.	12/06/2015	CHENNAI

133	366020	3163/CHE/2007	31/12/2007 16:42:12		METHOD AND SYSTEM FOR MANAGING RIGHTS RELATED TO SERVICES IN OPEN SERVICES GATEWAY INITIATIVE (OSGI) FRAMEWORK	SAMSUNG R&D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	11/09/2009	CHENNAI
134	366022	201841014691	18/04/2018 14:33:12		HEAD GEAR AND INCISIVE BIKE FRAME FOR EXILE OF CIVILIANS	K. Sanjeev Vishal,Mrs. Kranthi Kaliki	22/11/2019	CHENNAI
135	366025	1849/CHENP/2013	02/09/2011	10/09/2010	SYSTEM AND METHOD FOR IDENTIFYING BREATHING TRANSITIONS	Koninklijke Philips N.V.	31/08/2016	CHENNAI
136	366026	3431/CHENP/2014	06/11/2012	08/11/2011	CONTEXT OPTIMIZATION FOR LAST SIGNIFICANT COEFFICIENT POSITION CODING	Velos Media International Limited	04/09/2015	CHENNAI
137	366028	871/CHE/2011	21/03/2011		PROCESS FOR DIMENSIONALIZING DECAL AND ARTICLES THEREOF	TVS MOTOR COMPANY LIMITED	07/02/2014	CHENNAI
138	366033	4252/CHE/2012	11/10/2012		A CLUTCH ASSEMBLY	INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IIT Madras)	18/04/2014	CHENNAI
139	366035	7684/CHENP/2013	06/02/2012	02/03/2011	DRY SKIN CONDUCTANCE ELECTRODE	KONINKLIJKE PHILIPS N.V.	25/12/2015	CHENNAI
140	366036	623/CHENP/2014	07/10/2011	10/08/2011	SUSPENSION AND/OR THROTTLING OF PROCESSES FOR CONNECTED STANDBY	MICROSOFT TECHNOLOGY LICENSING, LLC	19/12/2014	CHENNAI
141	366037	7681/CHENP/2012	09/02/2011	09/02/2010	HIGH LOFT NONWOVEN SHEET MATERIAL AND METHOD OF CONSTRUCTION THEREOF	FEDERAL MOGUL POWERTRAIN INC.	07/03/2014	CHENNAI
142	366040	3186/CHE/2013	17/07/2013 14:38:28	03/09/2012	ENGINE CONTROL SYSTEM	SUZUKI MOTOR CORPORATION	13/02/2015	CHENNAI
143	366041	201641025548	26/07/2016		GEOMETRY INDUCED ENHANCED GAS SEPARATION USING NANOPOROUS GRAPHENE	R.V. College of Engineering	02/02/2018	CHENNAI

144	366042	10004/CHENP/2013	18/01/2012	14/06/2011	METHOD OF MANUFACTURING A ROLLER BEARING SEAL	AMSTED RAIL COMPANY INC.	24/06/2016	CHENNAI
145	366044	7914/CHENP/2013	18/03/2011	18/03/2011	OIL DETERIORATION SUPPRESSING DEVICE FOR INTERNAL COMBUSTION ENGINES	TOYOTA JIDOSHA KABUSHIKI KAISHA	03/07/2015	CHENNAI
146	366046	1721/CHENP/2013	09/08/2011	09/08/2010	AXIAL SWAGE TOOL	DESIGNED METAL CONNECTIONS, INC.	31/08/2016	CHENNAI
147	366048	7622/CHENP/2013	06/02/2012	04/03/2011	FRACTURABLE CONTAINER	SANDS INNOVATIONS PTY. LTD.	17/06/2016	CHENNAI
148	366054	5470/CHE/2013	28/11/2013 10:51:02	18/02/2013	DOOR STRUCTURE OF VEHICLE	SUZUKI MOTOR CORPORATION	16/01/2015	CHENNAI
149	366055	6104/CHE/2013	26/12/2013 16:26:58	05/04/2013	VEHICLE LUGGAGE COMPARTMENT STRUCTURE	SUZUKI MOTOR CORPORATION	24/06/2016	CHENNAI
150	366058	8131/CHENP/2013	09/03/2012	15/03/2011	COMBINATION FEEDER FOR A KNITTING MACHINE	NIKE Innovate C.V.	12/12/2014	CHENNAI
151	366066	2373/CHENP/2015	30/07/2013	30/10/2012	VALVE ARRANGEMENT	DELPHI TECHNOLOGIES IP LIMITED	01/07/2016	CHENNAI
152	366067	1174/CHENP/2012	06/08/2010	07/08/2009	PRIMATE RESTRAINT DEVICE	Shin Nippon Biomedical Laboratories, Ltd.	02/11/2012	CHENNAI
153	366068	6025/CHE/2013	23/12/2013 16:18:43	28/12/2012	DECOMPRESSION DEVICE FOR INTERNAL COMBUSTION ENGINE	HONDA MOTOR CO., LTD.	26/09/2014	CHENNAI
154	366076	1829/CHENP/2013	22/09/2011	29/09/2010	DECODING IN SOLID STATE MEMORY DEVICES	INTERNATIONAL BUSINESS MACHINES CORPORATION	24/06/2016	CHENNAI
155	366079	202041001301	11/01/2020 13:02:30		STEEL PALADAI IMPREGNATED IN STEEL FEEDING BOTTLE	SRI BALAJI VIDYAPEETH,MAHATMA GANDHI MEDICAL COLLEGE AND HOSPITAL	17/01/2020	CHENNAI
156	366080	201847017961	18/10/2016	21/10/2015	PYRIDINE COMPOUND	SUMITOMO CHEMICAL COMPANY, LIMITED	25/05/2018	CHENNAI
157	366081	201847035081	17/02/2017	29/02/2016	HETEROCYCLIC COMPOUND	SUMITOMO CHEMICAL COMPANY, LIMITED	28/09/2018	CHENNAI

158	366082	1246/CHE/2014	11/03/2014 11:16:39	14/03/2013	METHOD FOR DISPENSING COMPRESSED GASES	Air Products and Chemicals, Inc.	01/07/2016	CHENNAI
159	366083	6950/CHE/2015	18/12/2015		IMPROVED PROCESS FOR THE PREPARATION OF APREMILAST	MSN LABORATORIES PRIVATE LIMITED	30/06/2017	CHENNAI
160	366087	201741001047	10/01/2017 19:14:56		METHOD OF PROVIDING SECURE WIRELESS-FIDELITY COMMUNICATIONS	SAMSUNG ELECTRONICS CO.,LTD	13/07/2018	CHENNAI
161	366090	4877/CHENP/2013	25/11/2011	26/11/2010	DOWNHOLE PUNCH COMPONENT	WELLTEC A/S	11/07/2014	CHENNAI
162	366092	253/CHE/2012	20/01/2012 16:24:49	27/01/2011	OSCILLATING WEIGHT	ETA SA MANUFACTURE HORLOGERE SUISSE	21/06/2013	CHENNAI
163	366105	1569/CHENP/2015	01/08/2013	18/09/2012	FAILURE STORAGE DEVICE AND FAILURE STORAGE METHOD	NISSAN MOTOR CO., LTD.	01/07/2016	CHENNAI
164	366106	6546/CHENP/2014	06/02/2012	06/02/2012	AN APPARATUS AND A METHOD FOR A MOBILE RELAY STATION TRANSCEIVER AND A BASE STATION FOR A MOBILE COMMUNICATION SYSTEM	ALCATEL LUCENT	01/07/2016	CHENNAI
165	366107	7267/CHENP/2015	29/05/2014	31/05/2013	ECHO REMOVAL	MICROSOFT TECHNOLOGY LICENSING LLC	01/07/2016	CHENNAI
166	366109	371/CHE/2014	28/03/2014		COMPOSITION AND METHOD FOR BIODEGRADATION OF CHEMICALS AND APPLICATIONS THEREOF	UNIVERSITY OF AGRICULTURAL SCIENCES, RAICHUR	01/07/2016	CHENNAI
167	366113	201747046787	26/05/2016	29/05/2015	A LIGHT EMITTING DEVICE COMBINING LIGHT FROM SEVERAL LEDS	SIGNIFY HOLDING B.V.	05/01/2018	CHENNAI
168	366117	7049/CHENP/2015	16/04/2014	17/04/2013	METHOD FOR PREPARATION OF A GROUP 4 METAL SILICATE AND USE THEREOF	BASF CORPORATION	31/08/2016	CHENNAI
169	366127	201641001756	18/01/2016 17:04:15		AN IMPROVED PROCESS FOR THE PREPARATION OF REGORAFENIB	NATCO PHARMA LIMITED	21/07/2017	CHENNAI

170	366128	51/CHENP/2014	13/01/2012	08/07/2011	ENCASEMENT FOR HEAT TRANSFER FLUID (HTF) CONDUITS.	AISLAMIENTOS SUAVAL, S.A.	26/09/2014	CHENNAI
171	366129	9014/CHENP/2013	14/05/2012	16/05/2011	A WIND TURBINE BLADE FOR A ROTOR OF A WIND TURBINE	LM WP PATENT HOLDING A/S	21/11/2014	CHENNAI
172	366130	6240/CHE/2014	10/12/2014 16:42:48	26/12/2013	SEALED COMPRESSOR	MITSUBISHI ELECTRIC CORPORATION	01/07/2016	CHENNAI
173	366134	7152/CHENP/2011	26/03/2010	03/04/2009	DIFFERENTIAL FILE AND SYSTEM RESTORES FROM PEERS AND THE CLOUD	MICROSOFT TECHNOLOGY LICENSING, LLC	30/11/2012	CHENNAI
174	366135	201747026234	28/01/2016	28/01/2015	JOINT FAT PAD FORMULATIONS, AND METHODS OF USE THEREOF	ALLERGAN INC.	04/08/2017	CHENNAI
175	366138	2304/CHENP/2014	28/09/2012	06/10/2011	MODULAR LIGHTING SYSTEM	SIGNIFY HOLDING B.V.	19/06/2015	CHENNAI
176	366141	201747045977	21/06/2016	22/06/2015	BRK INHIBITORY COMPOUND	ONO PHARMACEUTICAL CO., LTD.	23/02/2018	CHENNAI
177	366147	6355/CHENP/2014	01/03/2013	01/03/2012	PEER TO PEER DISCOVERY	MICROSOFT TECHNOLOGY LICENSING, LLC	01/07/2016	CHENNAI
178	366149	474/CHENP/2014	14/02/2012	27/07/2011	DECODER CIRCUIT FOR DOWN SAMPLING A DIFFERENTIAL MANCHESTER ENCODED SIGNAL	XILINX INC.	10/10/2014	CHENNAI
179	366151	6077/CHENP/2013	27/03/2012	30/03/2011	Setting apparatus and a method of the setting apparatus	CANON KABUSHIKI KAISHA	17/06/2016	CHENNAI
180	366152	3580/CHE/2013	12/08/2013 15:57:38		A SYSTEM AND METHOD TO ALLOW COEXISTENCE OF WPAN OPERATION IN WIFI CHANNEL	SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED	13/02/2015	CHENNAI
181	366154	201747007171	24/07/2015	04/08/2014	FACTOR VIII FORMULATION	CSL Limited	26/05/2017	CHENNAI
182	366157	109/CHE/2013	07/01/2013		TWO PIECE EYE MOUNTING STRUCTURE FOR A TRACTOR LOADER ATTACHMENT	V. PARTHIBAN	13/05/2016	CHENNAI
183	366159	380/CHE/2013	29/01/2013 16:06:54		SYSTEM FOR MOUNTING ELECTRICAL ENCLOSURES	SCHNEIDER ELECTRIC INDUSTRIES SAS	20/05/2016	CHENNAI

184	366160	1649/CHE/2013	11/04/2013 15:46:59	26/04/2012	ROTATING ELECTRICAL MACHINE	MITSUBISHI ELECTRIC CORPORATION	11/07/2014	CHENNAI
185	366162	176/CHENP/2014	12/07/2012	22/07/2011	CODING MOTION DEPTH MAPS WITH DEPTH RANGE VARIATION	QUALCOMM Incorporated	13/03/2015	CHENNAI
186	366168	7338/CHENP/2011	17/03/2009	17/03/2009	A METHOD AND AN APPARATUS FOR MEASURING THE THICKNESS OF A METAL LAYER PROVIDED ON A METAL OBJECT	ABB SCHWEIZ AG	14/12/2012	CHENNAI
187	366170	8545/CHENP/2013	09/05/2012	10/05/2011	METHOD FOR HANDLING PRIVACY DATA	NAGRAVISION S.A.	12/09/2014	CHENNAI
188	366171	201647031002	12/02/2015	17/03/2014	ADJUSTING INFORMATION DEPTH BASED ON USER S ATTENTION	GOOGLE LLC.	11/11/2016	CHENNAI
189	366176	1669/CHE/2015	31/03/2015 11:52:09		A NOVEL METHODOLOGY FOR THE PLACEMENT OF MULTI DIAMETER INTERLAYER OFC MATERIAL IN FRICTION WELDING OF DISSIMILAR MATERIALS.	DR. M. BALASUBRAMANIAN,MR. R. KUMAR	10/04/2015	CHENNAI
190	366178	201647038515	11/05/2015	12/05/2014	MANAGED WIRELESS DISTRIBUTION NETWORK	MICROSOFT TECHNOLOGY LICENSING LLC	28/04/2017	CHENNAI
191	366181	4330/CHENP/2011	26/11/2008	26/11/2008	SOFTWARE MODIFICATION ESTIMATE METHOD	JASTEC CO. LTD.	09/11/2012	CHENNAI
192	366182	1089/CHE/2013	14/03/2013 14:37:47		A FIXTURE TO FACILITATE IN PERFORMING PITCH MILLING ON THE ROOT OF THE T-ROOT BLADES	Triveni Turbine Limited	16/01/2015	CHENNAI
193	366183	1902/CHE/2011	03/06/2011 17:14:46	10/06/2010	COMMUNICATION DEVICE AND COMMUNICATION METHOD	SONY CORPORATION	17/08/2012	CHENNAI
194	366186	3288/CHE/2014	03/07/2014 17:02:48	08/07/2013	TRAILING ARM ATTACHEMENT STRUCTURE	SUZUKI MOTOR CORPORATION	12/02/2016	CHENNAI

195	366187	1715/CHENP/2015	04/09/2012	04/09/2012	METHOD AND DEVICE FOR TRANSMITTING REFERENCE SIGNAL	HUAWEI TECHNOLOGIES CO. LTD.	01/07/2016	CHENNAI
196	366191	3244/CHENP/2012	29/09/2010	29/09/2009	THREE DIMENSIONAL IMAGING OF A MASS FLOW	OUTOTEC OYJ	30/10/2015	CHENNAI
197	366196	201647006744	06/08/2013	06/08/2013	SEAT HINGE STRUCTURE FOR SADDLED VEHICLE	HONDA MOTOR CO., LTD.	01/07/2016	CHENNAI
198	366201	202041027119	26/06/2020 12:53:00		MULTI-STAGE AIR PURIFICATION SYSTEM WITH HEMISPHERICAL DISCHARGE	INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IIT Madras)	24/07/2020	CHENNAI
199	366203	1290/CHENP/2013	07/10/2011	08/10/2010	METHOD FOR CHECKING AN OPTICAL SECURITY FEATURE OF A VALUABLE DOCUMENT	GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH	13/02/2015	CHENNAI
200	366204	202041046274	23/10/2020 16:17:32		FLAVOURED AGITATOR	SHUBHA S	06/11/2020	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	365677	201837009084	24/08/2016	15/09/2015	METHOD FOR PROVIDING A TRAVEL PROFILE CONTROL DEVICE MACHINE AND COMPUTER PROGRAM	SIEMENS AKTIENGESELLSCHAFT	20/04/2018	KOLKATA
2	365680	201637043844	25/06/2015	01/07/2014	AUDIO PROCESSOR AND METHOD FOR PROCESSING AN AUDIO SIGNAL USING VERTICAL PHASE CORRECTION	FRAUNHOFER GESELLSCHAFT ZUR F–RDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	05/05/2017	KOLKATA
3	365685	442/KOL/2009	12/03/2009 16:28:57		STRESS REDUCING MOUNTING IN ASSEMBLY OF BRITTLE COMPONENT FOR MAKING DEVICES	BHARAT HEAVY ELECTRICALS LIMITED	21/01/2011	KOLKATA
4	365696	3281/KOLNP/2013	23/05/2012	26/05/2011	WHEEL MOUNTED BRAKE DISKS	KNORR BREMSE SYSTEME FR SCHIENENFAHRZEUGE GMBH	11/04/2014	KOLKATA
5	365706	1412/KOL/2012	14/12/2012 16:22:22	23/12/2011	REFRIGERATOR	LG ELECTRONICS INC.	05/07/2013	KOLKATA
6	365707	1359/KOL/2010	30/11/2010 16:22:43	21/12/2009	COMBINED IMPULSIVE AND NON-IMPULSIVE SEISMIC SOURCES	PGS GEOPHYSICAL AS	16/12/2011	KOLKATA
7	365711	695/KOL/2011	20/05/2011 16:33:52	19/08/2010	CABLE RAILWAY SYSTEM	INNOVA PATENT GMBH	19/10/2012	KOLKATA
8	365712	2622/KOLNP/2013	03/02/2012	24/02/2011	ROLLER LEVELLER AND METAL SHEET FLATTENING METHOD	JP STEEL PLANTECH CO.	13/12/2013	KOLKATA
9	365713	3688/KOLNP/2011	12/03/2010	16/03/2009	DEVICE AND METHOD FOR DECORATING PLASTIC PARTS	LEONHARD KURZ STIFTUNG & CO. KG	27/04/2012	KOLKATA
10	365717	44/KOLNP/2013	23/05/2011	08/06/2010	VEHICLE BATTERY PACK HOUSING STRUCTURE	NISSAN MOTOR CO., LTD.	21/06/2013	KOLKATA
11	365718	1425/KOL/2009	07/12/2009 17:04:43		A MULTIPLE PORT DEVICE FOR EXTRACTION OF ASH THROUGH A SIDE OF A PRESSURISED FLUIDISED BED GASIFIER	BHARAT HEAVY ELECTRICALS LIMITED	19/10/2012	KOLKATA

12	365720	110/KOL/2013	29/01/2013 16:49:35		AN IMPROVED LABYRINTH JOINT ON FLEXIBLE ROTOR OF A FLAME PROOF A.C. INDUCTION MOTOR WITH SLEEVE BEARINGS TO ACHIEVE A DESIRED FLAME PATHS TO RESTRICT LEAKAGE OF FLAME	BHARAT HEAVY ELECTRICALS LIMITED	01/08/2014	KOLKATA
13	365721	389/KOL/2014	25/03/2014 15:01:11		'AN APPARATUS AND METHOD FOR SEPARATION OF GENERATOR OR MOTOR STATOR CORE LAMINATION'	BHARAT HEAVY ELECTRICALS LIMITED	02/10/2015	KOLKATA
14	365723	892/KOL/2010	10/08/2010 17:46:33		A JOB CLAMPING DEVIE FOR HOLDING LARGE DIAMETER RING TYPE OF JOB IN THE ELECTROSLAG WELDING MACHUNE	BHARAT HEAVY ELECTRICLAS LIMITED	16/11/2012	KOLKATA
15	365726	3084/KOLNP/2012	26/04/2011	27/04/2010	CONTAINER FOR LIQUIDS	EUROKEG B.V.	26/08/2016	KOLKATA
16	365753	1461/KOL/2011	15/11/2011 16:48:39		A MEDICAL IMAGE PROCESSING METHOD FOR IMAGE REGISTRATION AND A SYSTEM THEREOF	SIEMENS AKTIENGESELLSCHAFT	17/05/2013	KOLKATA
17	365758	201737033182	16/10/2015	31/03/2015	METHODS AND ARRANGEMENTS FOR PILOT SEQUENCE COORDINATION	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	13/10/2017	KOLKATA
18	365759	2569/KOLNP/2014	28/05/2013	28/05/2012	PROCESS FOR MANUFACTURING DISSOLVING PULP	SODRA SKOGSAGARNA EKONOMISK FORENING	08/05/2015	KOLKATA
19	365763	1744/KOLNP/2014	02/11/2012	31/03/2012	PROCESS AND DEVICE FOR TREATING VOLATILE ORGANIC COMPOUND	CHENG YUAN ENVIRONMENTAL TECHNOLOGY CO. LTD.	23/10/2015	KOLKATA
20	365768	1623/KOLNP/2014	28/02/2013	14/03/2012	SYSTEM FOR MAKING BEVERAGES	CAFFITALY SYSTEM S.P.A.	26/08/2016	KOLKATA
21	365772	91/KOL/2015	20/04/2006		COMPRESSOR MEMORY SYSTEM, COMPRESSOR INFORMATION NETWORK	EMERSON CLIMATE TECHNOLOGIES, INC.	26/08/2016	KOLKATA
22	365774	1024/KOL/2015	28/09/2015 17:53:39	01/10/2014	IMPROVED AIR COMPRESSOR	CHOU, WEN-SAN	08/04/2016	KOLKATA

23	365775	1618/KOLNP/2013	22/11/2011	23/11/2010	FLOOR PANEL WITH SOFT/RESILIENT WEAR LAYER	AKZENTA PANEELE + PROFILE GMBH	07/03/2014	KOLKATA
24	365776	866/KOL/2012	31/07/2012 16:24:29		A NON-DESTRUCTIVE METHOD OF MEASURING THERMAL DIFFUSIVITY OF A COATING ON METAL SUBSTRATE	BHARAT HEAVY ELECTRICALS LIMITED	26/08/2016	KOLKATA
25	365778	3273/KOLNP/2013	24/05/2012	24/05/2011	SCREEN MODULE PROCESSING APPARATUS AND PROCESSING PLANT FOR MINERAL MATERIAL	METSO MINERALS INC.	24/10/2014	KOLKATA
26	365788	1912/KOLNP/2013	06/01/2012	06/01/2011	MONOMERIC AND MULTIMERIC IMMUNOGENIC PEPTIDES	BIONOR IMMUNO AS	18/10/2013	KOLKATA
27	365792	1060/KOLNP/2011	09/10/2009	10/10/2008	POWERED SURGICAL CUTTING AND STAPLING APPARATUS WITH MANUALLY RETRACTABLE FIRING SYSTEM	ETHICON ENDO-SURGERY, INC.	17/06/2011	KOLKATA
28	365798	884/KOL/2015	13/08/2015		SOLID AGROCHEMICAL COMPOSITIONS	UPL LTD	10/11/2017	KOLKATA
29	365800	4155/KOLNP/2012	24/07/2011	16/08/2010	T- SLOT CUTTER HAVING SEPARATE CENTERING AND TORQUE-TRANSMITTING PORTIONS	ISCAR LTD.,	28/06/2013	KOLKATA
30	365811	196/KOLNP/2013	29/06/2011	30/06/2010	METHODS FOR CONFIGURING USER EQUIPMENTS WITH MULTIPLE TRANSMIT ANTENNAS	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)	26/08/2016	KOLKATA
31	365812	1735/KOLNP/2014	18/02/2013	20/02/2012	BLADE OF AXIAL FLOW IMPELLER AND AXIAL FLOW IMPELLER	OUTOTEC (FINLAND) OY	07/11/2014	KOLKATA
32	365813	2823/KOLNP/2011	16/12/2009	18/12/2008	MACHINE AND METHOD FOR FILLING AND CHECKING CAPSULES	I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A.	20/01/2012	KOLKATA

33	365814	2380/KOLNP/2014	19/04/2013	20/04/2012	ACTUATOR PREDICTIVE SYSTEM	BIMBA MANUFACTURING COMPANY	01/05/2015	KOLKATA
34	365817	2842/KOLNP/2014	17/06/2013	26/06/2012	HEATING FURNACE EXTRACTION ORDER GENERATION DEVICE HEATING FURNACE EXTRACTION ORDER GENERATION METHOD AND STEEL PLATE PRODUCTION METHOD	JFE STEEL CORPORATION	04/12/2015	KOLKATA
35	365820	1708/KOLNP/2014	19/03/2013	28/03/2012	METHOD FOR ROLLING A MATERIAL STRIP	PRIMETALS TECHNOLOGIES AUSTRIA GMBH	23/10/2015	KOLKATA
36	365822	2616/KOLNP/2013	06/03/2012	11/03/2011	CLOGGED FILTER DETECTION SYSTEM AND METHOD	ALLISON TRANSMISSION, INC.	13/12/2013	KOLKATA
37	365824	1948/KOLNP/2013	23/12/2011	28/12/2010	PHOTODEFINED APERTURE PLATE AND METHOD FOR PRODUCING THE SAME	STAMFORD DEVICES LTD.	01/11/2013	KOLKATA
38	365825	2402/KOLNP/2011	22/12/2009	26/12/2008	MEDICAL KNIFE	MANI, INC.	09/12/2011	KOLKATA
39	365827	2567/KOLNP/2011	13/12/2009	13/12/2008	BIOACTIVE GRAFTS AND COMPOSITES	ADVANCED BIOLOGICS, LLC.	09/12/2011	KOLKATA
40	365829	201637037811	07/04/2015	08/04/2014	PHOROPTER AND METHOD FOR MEASURING REFRACTION USING A PHOROPTOR OF SAID TYPE	ESSILOR INTERNATIONAL	21/04/2017	KOLKATA
41	365830	460/KOL/2014	16/04/2014 19:17:19	16/04/2013	REFRIGERATOR	LG ELECTRONICS INC	17/10/2014	KOLKATA
42	365831	469/KOL/2010	26/04/2010	30/04/2009	DUAL DRUG STENT	CARDINAL HEALTH SWITZERLAND 515 GMBH	09/11/2012	KOLKATA
43	365832	201837041051	01/05/2017	02/05/2016	HIGH TEMPERATURE PRESSURE DIGESTION VESSEL SYSTEM WITH DUAL ACTION SEAL	CEM CORPORATION	15/02/2019	KOLKATA
44	365834	2350/KOLNP/2013	15/06/2011	28/12/2010	SHOT TREATMENT APPARATUS	SINTOKOGIO, LTD.	22/11/2013	KOLKATA
45	365835	538/KOL/2014	15/05/2014		A COOLING SYSTEM FOR X-RAY GENERATOR OF AUTOMATIC GAUGE CONTROL OF HOT ROLLED STRIPS.	STEEL AUTHORITY OF INDIA LIMITED	26/08/2016	KOLKATA
46	365836	2289/KOLNP/2015	20/12/2013	21/12/2012	TEATRAHYDRO- AND DIHYDRO-ISOQUINOLINE PRMT5 INHIBITORS	EPIZYME INC.	05/02/2016	KOLKATA

47	365840	201931007429	26/02/2019 15:44:15		A SYNERGISTIC HERBAL COMPOSITION FROM FERMENTED BLACK TEA HAVING RADIOPROTECTION AND PROCESS OF PREPARING THE SAME	PROF.SUBRATA KUMAR DEY,TANMOY MONDAL,DR.SANDIP PAL,GOUR KANTI CHANDRA	22/03/2019	KOLKATA
48	365842	201837035983	21/04/2017	22/04/2016	METHOD FOR PRODUCING A TIE FOR USE IN THE TRACK SUPERSTRUCTURE	VOSSLOH-WERKE GMBH	26/10/2018	KOLKATA
49	365855	1727/KOLNP/2011	28/10/2009	10/11/2008	CONTINUOUS STEAM GENERATOR	SIEMENS AKTIENGESELLSCHAFT	26/08/2011	KOLKATA
50	365865	1986/KOLNP/2013	23/12/2011	27/12/2010	MACHINE AND PROCEDURE FOR THE DYEING OF REELS OF YARN AND/OR TEXTILE FIBRES WOUND ON PACKAGES	INNOVATION & RESEARCH S.R.L	28/03/2014	KOLKATA
51	365877	201937033240	22/06/2018	30/06/2017	DYE COMPOSITION BASED ON COPOLYMERS DERIVED FROM THE POLYMERIZATION OF AT LEAST ONE CROTONIC ACID MONOMER OR CROTONIC ACID DERIVATIVE AND ON SILICONE	L'OREAL	27/12/2019	KOLKATA
52	365878	227/KOL/2015	02/03/2015		AN APPARATUS FOR MANUFACTURING AN INTERLOCKING BUILDING BLOCKS AND METHOD THEREOF	Umesh Chandra Sarma	24/03/2017	KOLKATA
53	365880	1034/KOL/2014	10/10/2014 18:45:04	30/10/2013	ENGINE AND STRADDLE-TYPE VEHICLE INCLUDING THE SAME	YAMAHA HATSUDOKI KABUSHIKI KAISHA	26/08/2016	KOLKATA
54	365886	2174/KOLNP/2014	11/04/2013	13/04/2012	WHEEL BEARING SEALING DEVICE	NTN CORPORATION	06/11/2015	KOLKATA
55	365888	3543/KOLNP/2015	23/04/2014	26/04/2013	POWER TRANSFER SYSTEM	USE SYSTEM ENGINEERING HOLDING B.V.	18/03/2016	KOLKATA
56	365889	643/KOLNP/2014	25/10/2012	10/11/2011	RECESS PLATE AND METHOD FOR DETECTING MEMBRANE LEAKAGE	OUTOTEC OYJ	09/05/2014	KOLKATA
57	365896	2130/KOLNP/2014	09/04/2012	09/04/2012	PLATE SHAPED GASKET AND SEAL STRUCTURE	JAPAN METAL GASKET CO.LTD.	06/11/2015	KOLKATA

58	365909	358/KOL/2012	29/03/2012 17:22:04	19/08/2011	DEVICE ON A CARDING MACHINE FOR COTTON, SYNTHETIC FIBRES AND THE LIKE,ARRANGED BETWEEN A DOFFER AND TWO NIP ROLLS	TRTZSCHLER GMBH & CO.KG.	22/02/2013	KOLKATA
59	365923	201737031096	01/10/2015	09/02/2015	STRUCTURAL HANDLING FILM	ZEPHYROS INC.	13/10/2017	KOLKATA
60	365937	947/KOL/2012	17/08/2012 16:13:03	30/08/2011	POLYURETHANES AND POLYURETHANE-UREAS HAVING IMPROVED PROPERTIES	TECNOELASTOMERI S.R.L.	26/08/2016	KOLKATA
61	365938	59/KOL/2010	25/01/2010 16:18:35		A DEVICE AND A PROCESS FOR MEASUREMENT OF MOISTURE CONTENT IN JUTE AND ALLIED NATURAL FIBRE PRODUCTS	NATIONAL INSTITUTE OF RESEARCH ON JUTE & ALLIED FIBRE TECHNOLOGY	02/09/2016	KOLKATA
62	365940	201637020149	05/11/2014	22/11/2013	LUBRICANT AGENT COMPOSITION AND LUBRICANT OIL COMPOSITION CONTAINING SAME	ADEKA CORPORATION	26/08/2016	KOLKATA
63	365942	4224/KOLNP/2011	15/03/2010	16/03/2009	ASEPTIC COUPLING DEVICES	COLDER PRODUCTS COMPANY	21/11/2014	KOLKATA
64	365944	1319/KOL/2012	16/11/2012 16:50:42	14/12/2011	INSTRUMENT FOR WATER JET SURGERY	ERBE ELEKTROMEDIZIN GMBH	28/06/2013	KOLKATA
65	365965	840/KOL/2015	31/07/2015 16:09:34	29/08/2014	IMAGING LENS SYSTEM, IMAGE CAPTURING UNIT AND ELECTRONIC DEVICE	LARGAN Precision Co., Ltd.	29/07/2016	KOLKATA
66	365967	59/KOL/2014	15/01/2014 15:19:22		HERBAL COMPOSITIONS FOR PREVENTION AND TREATMENTOF STRESS AND AS A FEED ADDITIVE IN BIRDS	MAITY, Kalipada	29/07/2016	KOLKATA
67	365970	208/KOL/2013	25/02/2013 16:07:53		A HERBAL COMPOSITION FOR TREATMENT OF MALARIA	PANDEY, Rajmangal	27/02/2015	KOLKATA
68	365971	1695/KOLNP/2014	30/01/2013	23/02/2012	TURBOCHARGER	NAPIER TURBOCHARGERS LIMITED	23/10/2015	KOLKATA

69	365972	2934/KOLNP/2014	13/06/2013	27/06/2012	RESIN COMPOSITION FOR TONER, TONER, DEVELOPER AND IMAGE FORMING APPARATUS	RICOH COMPANY, LTD.	08/05/2015	KOLKATA
70	365990	230/KOLNP/2013	28/07/2011	30/07/2010	VEHICLE WITH SOUND WAVE REFLECTOR	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	05/07/2013	KOLKATA
71	365996	215/KOLNP/2013	27/06/2011	25/06/2010	HEADLIGHT OPTICAL-AXIS ADJUSTMENT APPARATUS	HI-LEX CORPORATION	05/07/2013	KOLKATA
72	366008	2359/KOLNP/2012	03/05/2011	04/05/2010	METHOD AND SYSTEM FOR INDICATING THE TRANSMISSION MODE FOR UPLINK CONTROL INFORMATION	SAMSUNG ELECTRONICS CO., LTD.	17/05/2013	KOLKATA
73	366012	1097/KOLNP/2014	04/10/2012	10/01/2012	TRANSPARENT PANE WITH ELECTRICALLY CONDUCTIVE COATING	SAINT-GOBAIN GLASS FRANCE	27/06/2014	KOLKATA
74	366018	2302/KOLNP/2014	17/04/2013	24/04/2012	METHOD AND APPARATUS FOR JOINING A FIRST FILM WEB AND A SECOND FILM WEB	OVD KINEGRAM AG,LEONHARD KURZ STIFTUNG & CO. KG	01/05/2015	KOLKATA
75	366038	1007/KOL/2011	28/07/2011 14:36:24		A HIGH CAPACITY BURNER FOR LEAN GAS WITH RECTANGULAR SECTION GAS AND AIR PASSAGES	STEEL AUTHORITY OF INDIA LIMITED	26/08/2016	KOLKATA
76	366045	1981/KOLNP/2015	28/04/2006	03/05/2005	ANTIBODIES OR FRAGMENTS THEREOF HAVING SCLEROSTIN BINDING AND SCLEROSTIN NEUTRALIZING ACTIVITY	AMGEN INC.,UCB PHARMA S.A.	29/01/2016	KOLKATA
77	366051	460/KOL/2015	27/04/2015 16:45:53	12/06/2014	WATCH TYPE TERMINAL AND CONTROL METHOD THEREOF	LG ELECTRONICS INC.	15/01/2016	KOLKATA
78	366053	443/KOL/2015	23/04/2015 15:51:25	19/05/2014	MOBILE TERMINAL AND METHOD OF CONTROLLING THE SAME	LG ELECTRONICS INC.	08/01/2016	KOLKATA
79	366059	201634026150	30/07/2016 14:59:22	18/08/2015	SOUND OUTPUT APPARATUS	LG ELECTRONICS INC.	24/02/2017	KOLKATA

80	366069	201837016112	09/11/2016	11/11/2015	CORE-SHELL PARTICLE-BASED SECURITY PIGMENT AND METHOD FOR THE PRODUCTION THEREOF	GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH	29/06/2018	KOLKATA
81	366073	201637001742	26/06/2014	11/07/2013	DEVICE FOR REPLACING ROLLER SETS	INNOVA PATENT GMBH	08/04/2016	KOLKATA
82	366077	2676/KOLNP/2014	07/08/2013	07/08/2012	BLOWN FILM INSTALLATION, METHOD FOR PRODUCING A BLOWN FILM STRIP AND FILM PRODUCED THEREWITH	REIFENH,,USER GMBH & CO. KG MASCHINENFABRIK	27/11/2015	KOLKATA
83	366088	201737001701	18/07/2014	18/07/2014	ASSIGNING MULTIPLE RADIO NETWORK TEMPORARY IDENTIFIERS TO A USER DEVICE	HUAWEI TECHNOLOGIES CO. LTD	05/05/2017	KOLKATA
84	366093	201637036498	26/03/2015	28/03/2014	METHOD AND APPARATUS FOR RECEIVING DOWNLINK DATA IN WIRELESS COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO. LTD.	16/12/2016	KOLKATA
85	366094	3901/KOLNP/2012	20/04/2011	17/05/2010	CONTROL DEVICE FOR USE IN VEHICLE, ADAPTED TO CONTROL SAFETY MEASURES AGAINST ELECTRIC POWER SUPPLY FAILURE	NISSAN MOTOR CO., LTD.	28/06/2013	KOLKATA
86	366095	3641/KOLNP/2012	08/06/2011	09/06/2010	SUCTION CONNECTION FOR CONNECTING A SUCTION PIPE TO A DRY INSTALLED CENTRIFUGAL PUMP	XYLEM IP HOLDINGS LLC	14/06/2013	KOLKATA
87	366097	1017/KOLNP/2014	16/11/2012	22/11/2011	APPARATUS FOR TEXTURIZING STRAND MATERIAL	OCV INTELLECTUAL CAPITAL LLC	09/10/2015	KOLKATA
88	366099	201737033371	30/12/2015	31/03/2015	METHOD AND DEVICE FOR ESTABLISHING LINK BETWEEN VIRTUAL NETWORK FUNCTIONS	HUAWEI TECHNOLOGIES CO. LTD.	13/10/2017	KOLKATA
89	366100	935/KOLNP/2013	03/10/2011	22/10/2010	A HEAT EXCHANGER PLATE AND A PLATE HEAT EXCHANGER	ALFA LAVAL CORPORATE AB,	30/08/2013	KOLKATA

90	366104	201937007937	04/09/2017	07/09/2016	ANTIMICROBIAL COMPOSITION	ROTTAPHARM SPA	24/05/2019	KOLKATA
91	366108	3909/KOLNP/2015	29/05/2013	29/05/2013	METHOD FOR PRODUCING WELDED STEEL PIPE	JFE STEEL CORPORATION	04/03/2016	KOLKATA
92	366111	1323/KOL/2012	19/11/2012 16:39:25		'A MODIFIED GTO-BASED INVERTER MODULE ADAPTABLE TO OUTPUT 415V,195 AMP ACTING AS AN IGBT-BASED INVERTER MODULE FOR LOCOMOTIVE APPLICATIONS'	BHARAT HEAVY ELECTRICALS LIMITED	23/05/2014	KOLKATA
93	366112	108/KOL/2015	30/01/2015 12:06:46	28/02/2014	METHOD FOR THE MEASUREMENT OF A MEASUREMENT OBJECT BY MEANS OF X-RAY FLUORESCENCE	Helmut Fischer GmbH Institut fur Elektronik und Messtechnik	26/08/2016	KOLKATA
94	366114	201737008150	18/09/2015	18/09/2014	ABIRATERONE ACETATE FORMULATION AND METHODS OF USE	SUN PHARMA GLOBAL FZE	25/08/2017	KOLKATA
95	366121	1490/KOLNP/2013	17/11/2011	19/11/2010	A CONTAINER FOR SELECTIVE TRANSFER OF SAMPLES OF BIOLOGICAL MATERIAL	COPAN ITALIA S.P.A.	11/10/2013	KOLKATA
96	366132	697/KOLNP/2015	12/09/2013	01/10/2012	STORAGE DEVICE FOR STORING A CONTAINER UNIT AND SYSTEM FOR STORING CONTAINER UNITS	SIEMENS AKTIENGESELLSCHAFT	18/12/2015	KOLKATA
97	366150	851/KOLNP/2012	27/08/2010	13/10/2009	ELECTRIC VEHICLE CHARGING STAND	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO.,LTD.,	08/02/2013	KOLKATA
98	366163	3942/KOLNP/2012	22/06/2011	23/06/2010	STRETCH-BEND LEVELER	REDEX S.A	28/06/2013	KOLKATA
99	366164	574/KOLNP/2015	03/05/2013	13/08/2012	METHODS OF RECEIVING RETRANSMISSIONS INCLUDING DISCONTINUOUS TRANSMISSION INDICATORS AND RELATED DEVICES	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)	18/12/2015	KOLKATA
100	366165	424/KOL/2015	16/04/2015 16:13:40	19/04/2014	HOSE COUPLING	NEOPERL GMBH	08/01/2016	KOLKATA
101	366166	590/KOLNP/2014	02/11/2012	04/11/2011	METHOD OF GENERATING QUANTIZED BLOCK	INFOBRIDGE PTE. LTD.	09/05/2014	KOLKATA

102	366169	3268/KOLNP/2013	08/05/2012	11/05/2011	APPARATUS AND METHOD FOR GENERATING AN OUTPUT SIGNAL EMPLOYING A DECOMPOSER	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E. V.,	07/03/2014	KOLKATA
103	366179	201637032487	02/02/2015	27/03/2014	SELF CLEANING REACTOR SYSTEM	NOVA CHEMICALS (INTERNATIONAL) S.A.	03/03/2017	KOLKATA
104	366180	2202/KOLNP/2014	16/04/2013	20/04/2012	COMPONENT FOR A PLANETARY GEAR TRAIN	FLENDER INDUSTRIEGETRIEBE GMBH	06/11/2015	KOLKATA
105	366190	345/KOLNP/2014	22/08/2011	22/08/2011	DETERMINING ROOT SEQUENCE	TELEFONAKTIEBOLAGET L M ERICSSON (publ)	02/05/2014	KOLKATA
106	366192	2649/KOLNP/2013	16/01/2012	01/02/2011	SYSTEMS AND METHODS FOR PRODUCING SYNGAS AND PRODUCTS THEREFROM	KELLOGG BROWN & ROOT LLC	03/01/2014	KOLKATA
107	366194	1513/KOL/2011	30/11/2011	30/11/2010	PICK HOLDER	JOY GLOBAL SURFACE MINING INC	06/07/2012	KOLKATA
108	366197	3211/KOLNP/2012	27/04/2011	04/05/2010	COMMUNICATIONS SYSTEM FOR AN AIRCRAFT	BECKER AVIONICS GMBH	21/06/2013	KOLKATA
109	366198	994/KOLNP/2014	03/11/2011	03/11/2011	GS ASSOCIATION ESTABLISHMENT METHOD AND DEVICE	NOKIA TECHNOLOGIES OY	09/10/2015	KOLKATA

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