

Indian Patents Filed, Published and Granted During 2015 -19

US PATENTS:

1	Microbial Fuel cells, Kumar, Saravana; Seshadri, Harinipriya; Sindhuja, Mani	US10,230,122 B2	2019	Granted
2	A process for electrochemical separation of enantiomers of an amino acid from a racemic mixture”, Seshadri Harinipriya, PAL Samanwita, Kumar Deepak,	US 16/078,522	2019	Published awaiting examination

Non-US PATENTS:

S. No	Patent Title	Patent file Number	Published	Granted
3	A decking member for use with cementitious material. Dr. Bhuvaneshwari M	201741034028 25.09.2017	29.03.2019	Published
4	A cementitious composition for making a watercraft and a watercraft made from the cementitious composition S. Pradeep, Ashwath S, Dept. of Civil Engineering	201741026420 25.07.2017	01.02.2019	Published
5	Pneumatically operated electronic multipurpose simulator (poems), Krishnan Muthuraj, Panchal Nikunj, Department of Neurology	201741024300 10.07.17	29.06.2018	Published
6	Facile way to synthesize feagbimetallic nanoalloys/our title - a process for preparing bimetallic nanoalloy, Eswara sarma, Deepa, Annal Therese Helen, Chemistry	201741028521 10.08.2017		Published
7	Lime mortar composition Ramadoss, Ravi, Arumugam Sundaranathan, Ramanan	201741017373 17.05.2018	17/8/2018	Published
8	Microbial Fuel Cells Kumar and S. Harinipriya, SRM RI	3508/CHE/2015 09.07.2015	13.01.2017	Published
9	Energy efficient Latent Cool Thermal Energy Storage system by proper selection of fill volume in spherical capsule filled with DI water as PCM, Chandrasekaran P,	3791/CHE/2015 23.07.2015	27.01.2017	Published

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10	Selection of the size of spherical capsule for encapsulating water based PCM in packed bed Latent Cool Thermal Energy Storage system, Chandrasekaran P, Cheralathan M, Velraj R, Mechanical Engineering	4430/CHE/2015 24.08.2015.	03.03.2017	Published
11	System and method for searching desired web data over the world wide web, Mangalagowri. RJansi. K.RGuru Prakash. SABhay Kumar Eshlok Sharma, SaiPrashant, Tilak Patidar	201641019070 02.06.2016	08.12.2017	Published
12	Preparation of efavirenz Nano Suspensions with enhanced solubility and dissolution rate Dr. M. Arthanareeswari, Chemistry	201641001613 2016	25-3-2016	Published
13.	A solar radiation absorbing layer for thin film solar cells with enhanced absorption and a method to manufacture the same Dr.P. Malar, Kunal J. Tiwari and S. Sivasangari.	6642/CHE/2015 11/12/2015	16.06.2017	Application awaiting Examination
14	Polymer pencil Dr.Paromita Chakraborty and Mr.Elvis Dsouza	201641005428 A, 16.02.2016	18.08.2017	Application Awaiting Examination
15	A multipurpose Robotic system and method thereof, Karnam Sunitha Anantha, Gnanaseelan Joselin Retna Kumar, Sharma Rohit, Varun Chandana, Thumalapally Suraj5Reddy, 6	201641043686 21.12.2016	15.06.2018	Application awaiting Examination
16	A System for supervising an occupant of a wheel chair, Karnam Anantha Sunitha,	201741010844 27.03.17	15.06.2018	Application awaiting Examination
17	A wheel chair, Dr. K.A Sunitha, Dhanush L, Anantharaman. A, Ganesh Bollineni, Surendran A, Department of EIE	201741006349 27.03.2017	29.03.2019	Application awaiting Examination
18	An Assistive Robotic for visually impaired, Dr. K.A Sunitha, Ganti Sri Giri Sai Suraj, N.Savitha Sai, G.Actchut Sriram	201741007644 27.03.2017	15.06.2018	Application awaiting Examination

19	A Composition for preparing CZTS thin films and a process for preparing the composition, Dr.S.Venkataprasad Bhat, M Dhanasekar, SRM RI	201741012657 07.04.2017	12.10.2018	Application awaiting Examination
20	A trolley Dr. K.A Sunitha. Siddharth Raj, Reshma Varma, Muddaluri, R.Venkat Narasimhan Department of EIE, Dr.Pradeep Kumar, Dr.J.Rajapandian, Dr.V.Kalaivani, Department of Periodontics	201741016866 13.05.2017	15.06.2018	Application awaiting Examination
21	A Twin rotor multiple input multiple output system, Arockia Vijay Joseph, Joselin Retna Kumar,D.Kamal Kumar, Department of EIE.	201741024068 07.07.2017	25.08.2017	Application awaiting Examination
22	A walking aid for hemiplegic patients, Krishnan Muthuraj, Panchal Nikunj, Department of Neurology	201741024299 10.07.17		Application awaiting Examination
23	Supported, chemically ordered tri-metallic catalyst composition for fuel cells: A process for IISPR Dr.Balachandra Kakade, L.Moorthi , Patil M. Indrajit. Hydrokinetic power generation system	4800/CHE/2015 28.07.2017		Application awaiting Examination
24	A water distribution system, P. Eswaran	201741028751 12.08.2017	15.02.2019	Application awaiting Examination
25	Electrical toothbrush, Karnam Sunitha Anantha,Y Pradeep Kumar,Raja Pandian,Kalaivani. V,Nidhi Priya,Shreya Prasad, Ashi Madhariya	201741029227 17.08.2017	15.06.2018	Application awaiting Examination
26	A secured data transmission system and method thereof, Revathi Venkataraman,Mythili	201741030245 26. 08. 2017	20.07.2018	Application awaiting Examination
27	A handheld device for diabetes detection, E Sasikala,R Radha,	201741030246 26. 08. 2017	10.08.2018	Application awaiting Examination

28	A system for avoiding traffic congestion and method thereof, Joseph, Vijay Arockia,Gnanaseelan, Joselin Retna Kumar	201741030566 29.08.2017	29.06.2018	Application awaiting Examination
29	Automated bottle sanitization using rectilinear mechanism, Gnanaseelan Joselin Retna Kumar,Joseph Vijay Arockia,Sunkara Mohith Bhargav	201741030772 30.08.2017	10.08.2018	Application awaiting Examination
30	A computer implemented system for providing healthcare management, Lakshmi,Santhana Karunanidhi,Umashankar,Marakanam Srinivasan,Porselvi,Arumugam	201741031344 05.09.2017	15/09/2017	Application awaiting Examination
31	A System For Diagnosing Foot Inflammation And A Method Thereof A Bhargavi Haripriya Karnam Sunitha Anantha	201741032286 12.09.2017	15.06.2018	Application awaiting Examination
32	An apparatus for inspecting a ferrous pipe, GNANASEELAN Joselin Retna Kumar, Deep, Desai Vedant Bhavinbhai	201741034200 26.09.2017	17.08.2018	Application awaiting Examination
33	Induction of female to male sex reversal in adult fighting fish, betta splendens/our title - composition for3improving male characteristics in a ma4e character deficient animal, S Kiran Kumar	201741034600 28. 09. 2-017	05.10.2018	Application awaiting Examination
34	Automatic Attendance System Using Biometric Verification Mr. Namanarora Mr. Rakshit Jain, Miss. Gayathri M Dr. C. Malathy	201741034601 28.09.2017	27.07.2018	Application awaiting Examination
35	A process for production of glycolipids using immobilized magnetic nanoparticles Vaidyanathan Vinoth Kumar,Abiram Karanam Rathankumar,Kongkona Saikia	201741034760 29.09.2017	01.02.2019	Application awaiting Examination
36	An ear biometric recognition device and method thereof, Annapurani,Panaiyappan K,K Chittal	201741034756 29.09.2017	11.05.2018	Application awaiting Examination
37	The secured personal assistant using biometric traits, Dr. C. Malathy	201741034758 29. 09. 2017	10.08.2018	Application awaiting Examination

38	An Artificial Tongue Prosthesis For Taste Recognition Aviroop Mukherjee, S. Gnanavel, Varshini Karthik Student;	201741034759 29/09/2017	28.09.2018	Application awaiting Examination
39	Biodiesel production using protic ionic liquids Mukund Shankar, Mathur Rajesh	201741034757 29.09.2017	05.10.2018	Application awaiting Examination
40	Process for preparation of 5-hydroxymethylfurfural (hmf) and its derivatives, V Vinoth Kumar	201741034863 02.10.2017	05.10.2018	Application awaiting Examination
41	Production of solvents from genetically modified clostridial species, M Ramya, Aliya Fatima	201741034859 02.10.2017	05.10.2018	Application awaiting Examination
42	Characterization Of Flavoured Curd Powder Developed Using Spray Drying Technique Akash Basu, Dr. K A. Athmaselvi, Food Processing	201741034860 2.10.2017	13.07.2018	Application awaiting Examination
43	Oral hearing aid : an alternate hearing system, S .Gnanavel, Aishwarya Ravikumar, Raja ragul J, Ammu KM Priyanga	201741034862 02.10.2017	05.10.2018	Application awaiting Examination
44	A system for testing identifiability in a causal graph and method thereof, P.C.Karthik, E. Poovammal, CSE	201741034861 02. 10. 2017	05.10.2018	Application awaiting Examination
45	A System For Detecting Drowsiness And Method Thereof Dr. Jayanthi.	201741037955 26.10.2017	30.11.2018	Application awaiting Examination
46	Enhanced Performance Energetic Composite Solid Propellant Composition Kathyayani Nandakumar, Jayabharathy Sekar, Vikram Ramanan, Vinayak Malhotra	201741041556 20.11.2017	15.03.2019	Application awaiting Examination
47	Die For Twist Channel Angular Extrusion Process Dr. Mohammed Iqbal, Arvindsubramoniam	201741041555 20.11.2017	20.07.2018	Application awaiting Examination
48	Concrete / Mortar Composition Comprising Coconut Shell Husk Kandaswamy Gunasekaran	201741042659 28/11/2017	08.03.2019	Application awaiting Examination

49	A System For Electrochemical Mediated Desalination Of Seawater And A Method Thereof David Amalraj, Justus Reymond	201741043827 6/12/2017	08.03.2019	Application awaiting Examination
50	A System And Method For Effiecient Power Distribution With Intelligence And Security In Internet Of Things System Sankaranarayanan, Suresh	201741044869 13/12/2017	08.03.2019	Application awaiting Examination
51	A System And Method For Providing Internet Of Things Testbed And Development Environment Kayalvizhi, Javavel	201741044901 14.12.2017	08.03.2019	Application awaiting Examination
52	System And Method For Application Development To Virtually Experience A Geographical Area Abdul Kareem, Razia Sulthana	201741045012 14.12.2017	08.03.2019	Application awaiting Examination
53	System And Method To Provide Artificial Intelligence For Visually Impaired Using Object Detection Lavanya, Seetharaman	201741045208 15.12.2017	08.03.2019	Application awaiting Examination
54	A Composite Reinforced With Natural Fibers And A Process For Preparing The Same DR. T. Rajasekaran, Gokul. K	201741045695 19.12.2017	29.03.2019	Application Awaiting Examination
55	A Mechanical System For Generating Free Electricity For The Basic Needs Sengamalai Usha	201741045912 20.12.2017	08/03/2019	Application Awaiting Examination
56	A Backpack For Visually Impaired User Dr. G. Joselin, EIE	201741046408 22.12.2017	15/06/2018	Application Awaiting Examination
57	A Robotic System Controlled Using Open Bci Ganglion Board Sankaramurthy, Padmini	201841001100 10.01.2018	08/03/2019	Application Awaiting Examination
58	A System And Method For Predicting The Inception Of Parkinson's Disease Ganesan, Vadivu, IT	201841001097 10.01.2018	9/11/2018	Application Awaiting Examination
59	An Electric Fan Assembly Arockia Vijay Joseph, G. Joselin Retna Kumar	201841001379	09.03.2018	Application Awaiting Examination

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60	System And Method For Remote Monitoring And Virtual Treatment Assistance For Patients Under Directly Observed Therapy Krishnamurthy, Navin	201841002279 19.01.2018	08/03/2019	Application Awaiting Examination
61	System And Method For Implementing Security Testing On An Operating System Monica Catherine, Susai Raj	201841006935 23.01.2018	08/03/2019	Application Awaiting Examination
62	System And Method For An Efficient Smart Garbage Bin Murugaanandam Seethapathy	201841003701 31.01.2018	08/03/2019	Application Awaiting Examination
63	System And Method For Selection Of Routing And Wavelength Algorithm In Sdn Pandiaraj Selvaraj	201841004030 02.02.2018	9/11/2018	Application Awaiting Examination
64	A Vehicle Parking Management System And Method Siddhant Agarwal,Paveen John Patrick,Subhashini Priya, Easwaran Poovammal, CSE	201841006940 23.02.2018	13.04.2018	Application Awaiting Examination
65	Evacuated Solar Cavity Receiver For Solaar Parabolic Dish Concentrators Mr. Thirunavukkarasu ,M Cheralathan, Mechanical	201841007044 24.02.2018	25/01/2019	Application Awaiting Examination
66	Mobile Robot Comprising Linear Actuator Fabricated From Smart Materials Rajendran Ranjith Pillai	201841008107 05.03.2018	08/03/2019	Application Awaiting Examination
67	lot Based Agricultural Monitoring System And Method Suresh Sankaranarayanan	201841008102 05.03.2018	13.04.2018	Application Awaiting Examination
68	A Spur Gear Lakshman Kumar	201841014750 18.04.2018	27.04.2018	Application Awaiting Examination
69	A Toll Collection System And Method Thereof Murugan Ambigapathy, Anurag Maravi Tanvi Bhandarkar	201841016283 30.04.2018	4/5/2018	Application Awaiting Examination

70	A Vibration Actuator Joselin Retna Kumar, EIE	201841017350 08.05.2018	25/5/18	Application Awaiting Examination
71	A Limb Flexion Apparatus P. Lakshmi Prabha, Vishal R. Nair Aishwarya Nair, K. Amit Patro, Sayan Deb Roy, Sonalika Debroy	201841017451 09.05.2018	18.05.2018	Application Awaiting Examination
72	A System And Method For Protecting Vegetation Plants And Crops From Environmental Conditions [A Device for preventing extreme climatic conditions] K.Saravanan	201741016558 11.05.2018	16/11/2018	Application Awaiting Examination
73	Safety Helmets With Inbuilt Locking Mechanism K.Saravanan	201741016559 11.05.2018	16/11/2018	Application Awaiting Examination
74	A Device For De-Scaling And Slicing Vegetarian And Non-Vegetarian Food Products- K.Saravanan	201741016560 11.05.2018	16/11/2018	Application Awaiting Examination
75	A Hot Wire Maching System And Method For Polymer Materials Dr. T. Muthuramalingam	201841019536 24.05.2018	1/6/2018	Application Awaiting Examination
76	A Drive Switching System For A Hybrid Vehicle And A Method Of Switching Drives Arockia Vijay Joseph, Joselin Retna Kumar	201841019702 25.05.2018	22/03/2019	Application Awaiting Examination
77	A System And Method For Automatically Extending Or Retrieving A Side-Stand Of A Two-Wheeled Vehicle V.N.B Prasad Sodisetty	201841019760 26.05.2018	22/03/2019	Application Awaiting Examination
78	Rectiliener Robotic Device for testing touchscreen devices. Mr.C.Likith Kumar Reddy	201841019912 28.05.2018	8/6/2018	Application Awaiting Examination
79	System And Method For Dissipating Heat From A Battery Unit Pankaj Kumar, Sarvagya Tripathi	201841020321 30.05.2018	08.06.2018	Application Awaiting Examination

80	System For Utilizing Waste Heat Of A Battery To Partially Charge The Battery Pankaj Kumar, Sarvagya Tripathi	201841020322 30.05.2018	08.06.2018	Application Awaiting Examination
81	A Two-Wheeled Self Balancing Vehicle Arockia Vijay Joseph, Kishorekumar	201841020911 05.06.2018	15.06.2018	Application Awaiting Examination
82	A Vehicle Security System And Method For Access Control S.Metilda Florence	201841021980 12.06.2018	22/06/2018	Application Awaiting Examination
83	A System And Method For Error Free Accident Detection, Response And Rescue Mochitha Vijayan	201841022153 13.06.2018	22/06/2018	Application Awaiting Examination
84	System And Circuits For Eliminating Bearing Currents In Induction Motor Fed Inverters Dr.C.Bharatiraja	201841022521 15.06.2018	22/06/2018	Application Awaiting Examination
85	A System And Method For Quantifying Vegetation Using A Dual Polarization Sar Vegetation Index (Dpsvi)	201841024000 27.06.2018	06/07/2018	Application Awaiting Examination
86	A driving evaluation system and a method thereof Ms S. Puhazhol	201841024899 04.07.2018	06.07.2018	Application Awaiting Examination
87	A cementitious composition and an article prepared therefrom Ms. Bhuvana Eashwari	201841025190 05.07.2018	13.07.2018	Application Awaiting Examination
88	A system and method for self diagnosis and mitigation of hardware impairments in wireless transceivers P.Vijayakumar,Dr.S.Malarvizhi, ECE	201841025130 05.07.2018	13/07/2018	Application Awaiting Examination
89	A voice controlled document searching and reading system and method thereof G.Vadivu, IT	201841026974 19.07.2018	27.07.2018	Application Awaiting Examination
90	A height adjustable table Prof.Sridharan	201841027185 20.07.2018	27.07.2018	Application Awaiting Examination

91	Technique to improve the cooling power and efficiency of thermoelectric cooling device with phase change materials Manikandan	201841028136 26.07.2018	03.08.2018	Application Awaiting Examination
92	A vehicle control system for urban roads Arockia Vijay Joseph, EIE	201841030384 13.08.2018	24/08/2018	Application Awaiting Examination
93	A system for sensing health parameters of drive [A MONITORING SYSTEM FOR MONITORING THE STATE OF DRIVERS AND METHOD THEREOF] Arockia Vijay Joseph, EIE	201841030385 13.08.2018	24/08/2018	Application Awaiting Examination
94	Multifunctional cordless solar power bank Dr.S.Manikandan	201841033382 05.09.2018	14/09/2018	Application Awaiting Examination
95	A tool for friction stir processing M.Prakash, N.Arun Abburi Lakshman Kumar	201841035152 18.09.2018	28.09.2018	Application Awaiting Examination
96	A system and method for achieving higher spectral and energy efficiency in index modulation transceiver Dr.S.Malarvizhi, P.Vijayakumar, ECE	201841035475 20.09.2018	28/9/2018	Application Awaiting Examination
97	A tool holder for a subtractive manufacturing machine M.Prakash, N.Arun Abburi Lakshman Kumar	201841036917 29.09.2018	05.10.2018	Application Awaiting Examination
98	A method for simultaneously estimating Stigmasterol and Y-Sistosterol in a sample Dr.Ilango, V.Srikalyani, R.Mohan Kumar, IISM	201941004459 05.02.2019	15.02.2019	Application Awaiting Examination
99	Poly-herbal formulation Dr.Ilango, Dr.C.Satish Kumar, Dr.R.Mohan Kumar	201941004860 07.02.2019	15.02.2019	Application Awaiting Examination