

GRANTED PATENTS (2010-2022)

S.No	Count	Title of the patent	Name(s) of the inventor(s)	Patent number	Date of Grant
2010					
1	1	System for production of hydrogen with metal hydride and a method	Natarajan Ramakrishna	US7648540B2	19-01-2010
2	2	System for production of hydrogen with metal hydride and a method	Natarajan Ramakrishna	240904	09-06-2010
2014					
3	1	In-Vehicle Networking Based Services	Ganesan Kaliyaperumal, Sri Lavanya Paleti, Srisudha Garimella	US20120039212A1	05-08-2014
2017					
4	1	Dendrimers, Conjugates And Methods Thereof	Vijayalakshmi Mookambeswaran A, Jisha John, Yves Marie Daniel Gnanou, Vijayakrishna Kari	US20150238623A1	11-07-2017
5	2	Methods for Producing Recombinant Factor VIII Chains from Non-Filamentous Fungi, Their Functional Reconstitution and Applications Thereof	Vijayalakshmi Mookambeswaran A, Vignesh Narasimhan Janakiraman, Krishnan Venkataraman, Sudheer Reddy Aswatha Reddy, Satheeshkumar Padikkara Kutty, Suresh Chandran Nair, Alok Srivastava	US20150225472A1	18-07-2017
6	3	Garlic Peeler attachment for Home Mixer	Venkatachalam G, Kovalan S	285552	25-08-2017
7	4	Cold Air Gun	Kovalan S, Kuppan P	289057	15-12-2017
2018					
8	1	Double Mutant Coagulation Factor VIII And Methods Thereof	Arunachalam Vijayalakshmi Mookambeswaran, Joseph, Bilgimol Chuvappumkal Kutty, Satheeshkumar Padikkara Nair, Suresh Chandran Srivatsa, Alok	EP2897634 (A2)	21-03-2018
9	2	Industrial mixture machine	Prashanth Kumar H.G.	296846	13-07-2018
10	3	Dendrimers, Conjugates And Methods Thereof	Vijayalakshmi Mookambeswaran A, Jisha John, Yves Marie Daniel Gnanou, Vijayakrishna Kari	301223	20-09-2018

11	4	A System For Using Liquid Carbon Dioxide As Driving Force For Vehicles And Other Applications	Natarajan Ramakrishna	303364	22-11-2018
2019					
12	1	DOUBLE MUTANT COAGULATION FACTOR VIII AND METHODS THEROF	BILGIMOL C. JOSEPH ,SATHEESHKUMAR P. K.,VIJAYALAKSHMI M.	308682	06-03-2019
13	2	Monolith-Based Pseudo-Bioaffinity Purification Methods For Factor Viii And Applications Thereof	Vignesh Narasimhan Janakiraman; Rajasekar Rajagopal Prasanna; Agamudi Sivasankaran Kamalanathan; Mookambeswaran Arunachalam Vijayalakshmi	EP2925777B1	01-05-2019
14	3	Methods for Producing Recombinant Factor VIII Chains from Non-Filamentous Fungi, Their Functional Reconstitution and Applications Thereof	Vijayalakshmi Mookambeswaran A,Vignesh Narasimhan Janakiraman, Krishnan Venkataraman, Sudheer Reddy Aswatha Reddy, Satheeshkumar Padikkara Kutty, Sukesh Chandran Nair, Alok Srivastava	EP2895199A2	21-08-2019
15	4	Adjustable LED torch	Vincent Herald Wilson D	320204-001	23-08-2019
16	5	Exhaust Fan For Cabin	Vincent Herald Wilson D	320205-001	06-09-2019
17	6	METHODS FOR PRODUCING RECOMBINANT PEPTIDES AND PROTEIN FROM NON-FILAMENTOUS FUNGI AND RECOMBINANT HOST CELL THEREOF	Vignesh Narasimhan Janakiraman, Sudheer Reddy Aswatha Reddy, Satheeshkumar Padikkara Kutty, Krishnan Venkataraman, Vijayalakshmi Mookambeswaran A	321112	23-09-2019
18	7	Adjustable Agricultural Sprays	Dibyardarshi Ghosh,Nitish Chauhan,Satyajit Ghosh	327569	17-12-2019
19	8	Process Of Synthesizing Nano Zero Valent Iron-Calcium Alginate Beads For Removal Of Dye From Effluent	Amitava Mukherjee, Chandrasekaran N, Mrudula P, Konda Venkata Giri R	328101	24-12-2019
2020					
20	1	Anticoagulant Peptide Isolated From Seaweed Porphyra Hydrolyzate	Alka Mehta, Indumathi Parimelazhagan	338414	12-06-2020
21	2	Thermoplastic Elastomeric Blend Composition With Improved Weld Line Strength, And Process Of Preparation Of The Same	Arungalai Vendan, ChinnaduraiThangam, Senthil kumar K	343170	03-08-2020
22	3	Stable Epoxy Resin Composition And A Method For Preparing The Same(Polycarboxylic Acid Modified Epoxy Composition Containing Organic Titanante as Latent Hardner)	Singubiru Khatake, Girish Joshi, Vikas Mathe, Hemant Tamboli	343294	04-08-2020
23	4	Removal Of Dyes From Effluents In Absence And Presence Of Light Employing A Novel Nanocomposite	Rajagopalan Vijayaraghavan, LakshmiPrasanna Vaddadi	348260	30-09-2020

24	5	Stable Formulation Development For Nitroglycerin Sublingual Tablets By Direct Compression Technique With Povidone And Crospovidone	Sangeetha Dhanaraj, Manoj kumar V	349096	13-10-2020
25	6	Polymer Blend Composition With Increased Weld Line Strength And Process Of Preparation Of The Same	Arungalai Vendan, Subbiah, Prakash Nagapillai, SenthilKumar, Kumar	350302	28-10-2020
26	7	A Unique Rain Stimulator	Peeyush Khare, Tushar Agarwal, Satyajit Ghosh	351688	18-11-2020
2021					
27	1	Composition For Inhibiting Synthesis Of Mycotoxin Without Affecting The Growth Of The Fungi	Alkha Mehta, Ramesh Babu Boga,Dhanam Jayulu	356743	27-01-2021
28	2	Neem Oil Nanoemulsion (None) Formulation With Antimicrobial Activity Against Aeromonas Species In Aquaculture	Natarajan Chandrasekaran, Amitava Mukherjee, Swathy Jalaja soman	358827	18-02-2021
29	3	Aloe Vera on Lime Mortars	Ravi R, Thirumalini P, Sekar S	361574	17-03-2021
30	4	Organoruthenium Based Phototoxic Cancer Cell Markers And Method Of Preparation And Use	Priyanka Paira, Anuja Paluvuvapil Kumaran, Lavanya Thailak Babu, Ashaparna Mondal	361798	19-03-2021
31	5	Monolith-Based Pseudobioaffinity Purification Methods For Factor Viii And Applications Thereof	Vijayalakshmi M.A, Vignesh J Narasimhan,Prasanna Rajagopal, A.S.Kamalanathan,	363089	25-03-2021
32	6	Driver Assistance System For Blind Turns	Ganesan K, Naman Jain	363718	31-03-2021
33	7	Configurable Battery Management System For Portable Devices	Ganesan k, Ramanathan Thiyagarajan,Subramaniyam Krishnasamy	378558	10-04-2021
34	8	Renewable Energy Powered Wireless Fast Charger For Electric Bicycle	Elangovan D, Peter K Joeseeph, Arun Kumar G	364892	23-04-2021
35	9	Development of Eco-Bacterial Lime Mortar using Kadukai a	Thirumalini S, Ravi R, Sekar S.K.	372595	30-07-2021
36	10	Compact Digital Flow Control Unit	Ramakrishnan R	331235-001	02-09-2021
37	11	Dynamic Brake Force Display (Rear)	Ganesan K, Rammohan A, Sree Harsha K, Navaneeth Ankam	381890	16-11-2021
38	12	Method Of Preparing A Eugenol-Based Antibiotic Formulation For Treating Vancomycin Resistant Staphylococcus Aureus Infection	Chandrasekaran N, Amitava Mukherjee, Jonathan Sampath Franklyne	382636	25-11-2021

39	13	Educational Toy for Teaching Basic Malayalam Language	Dr ARUN TOM MATHEW ,Dr DEVENDIRAN S,Dr VENKATESAN K,Dr RAJESWARI C	342488-001	10-12-2021
40	14	Method For Improving Surface Mechanical Properties In 17-4 Ph Stainless Steel Using Laser Peening	Kalainathan Sivaperuman, Karthick Dhandapani, Sathya Swaroop Nidatha Rajarao	381703	11-12-2021
2022					
41	1	Solar Energy Power Plant	Natarajan R	387920	01-01-2022
42	2	Optimized method for manufacturing automotive spring steel with enhanced fatigue properties.	Kalainathan S, Prabhakaran S.	386198	07-01-2022
43	3	Educational Toy for Teaching Basic Classical TamilLanguage	Venkatesan K, Devendiran S, Rajeswari C,Arun Tom Mathew	336361-001	04-02-2022
44	4	A pharmaceutical composition for inhibiting the protein kinase B (PKNB) of mycobacterium Tuberculosis	Sivakumar A, Jayaraman G, Panneerselvam T	392326	18-03-2022
45	5	Educational Toy for Teaching Basic Hindi Language	Venkatesan K, Devendiran S, Rajeswari C,Arun Tom Mathew	342376-001	25-03-2022
46	6	Multi-Point Tool	Pandivelan C , Giriraj M , Rohit A. Magdum	343824-001	22-04-2022
47	7	Turn-on and Naked eye detection of aromatic primary amines by Tetrahydrodibenzo (A,1) phenanthridine -5-YL phenols - reactivity based approach	Sathiyarayanan K, Umammahesh B	396337	06-05-2022
48	8	Educational Toy for Teaching Basic Telugu Language	Venkatesan K, Devendiran S, Rajeswari C,Arun Tom Mathew	202715-001	06-05-2022
49	9	Detection of improper use of Clutch	Rammohan A, Ganesan K, Sree Harsha K, Navaneeth Ankam	401691	20-07-2022
50	10	METHOD FOR REDUCTIVE REMOVAL OF CR(VI) AND CONVERSION OF WASTE INTO PHOTOCATALYTIC COMPOSITE	G. Buvaneswari , Abhinav Gupta	402049	26-07-2022
51	11	A METHOD OF PREPARING AN ANTICANCER FORMULATION COMPRISING ORANGE OIL NANOEMULSION	Chandrasekaran N, Amitava Mukherjee,Saranya v.	402978	04-08-2022
52	12	Process of preparing 2-Dimensional (2D) molybdenum carbide-(Mo ₂ c)	A. Nirmala Grace,Ravuri syamsai	403866	18-08-2022
53	13	"A METHOD OF PREPARING AN ANTI-CANCER FORMULATION COMPRISING ORANGE OIL NANOEMULSION"	Chandra Sekaran N,Amitava Mukherjee,K. Jayakumar,SAGHYA INFANT SHOFIA B,	404039	22-08-2022
54	14	A Mobile Vehicle Garage Assembly	Kshitji Bhopalkar, Arun Tom Mathew	411634	16-11-2022

55	15	DEPIGMENTATION AND PHOTO PROTECTIVE PROPERTY INCLUDING BRAZILEIN AND SANTALIN	Siva Ramamoorthy, Hridya hemachandran	414046	09-12-2022
56	16	COCONUT GRATER ATTACHMENT FOR HOUSEHOLD MIXER GRINDERS	Shishir Kumar Behera,Niranjana Behera,R. Raja Singh	331287-001	16-12-2022
57	17	AUTOMATED HOSPITAL ROBOT	Vasudevan R, Raunika Anand ,Arijeet Nath	351605-001	16-12-2022
58	18	Antibacterial Composition Effective Against Aeromonas Salmonicida Infection In Aquaculture	John Thomas, Chandrasekaran N, Amitava Mukherjee, Thangaivel S	415188	22-12-2022