



**SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES &
TECHNOLOGY BIOMEDICAL TECHNOLOGY WING, POOJAPPURA,
TRIVANDRUM –12**

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INDIAN PATENTS GRANTED

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DEPARTMENT OF TECHNOLOGY & QUALITY MANAGEMENT

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
250	201941022802	08/06/2019	567477	A BRAIDED STENT	Sujesh Sreedharan, Narayanan Kakkad, Santhosh Kumar Kannath
249	202241019852	01.04.2022	565849	PLASTICIZER FREE ACRYLIC DENTURE SOFTLINERS	Manju Saraswathy, Anusree Vasu Shymalatha
248	202041028700	06/07/2020	564676	ORTHOTIC DEVICE FOR OFFLOADING DIABETIC FOOT ULCER	Subhash Neyyattinkara Neelakandan, Muraleedharan Chirathody Vayalappil
247	202041020471	15/05/2020	560503	A FORMULATION OF PURE DIMETHOXY CURCUMIN-HUMAN SERUM ALBUMIN AND A PROCESS FOR THE PREPARATION THEREOF	Lissy Kalliyana Krishnan, Renjith Parameswaran Nair, Mejo Chiratteparambil Korah, Deepa Sathee
246	202141014826	31/03/2021	559591	VASCULARISED MULTI-ORGAN-ON-A-CHIP DEVICE	Parayanthala Valappil Mohanan, Joseph Xavier, Akhil Venugopal, Arathi Ashok
245	201941003328	28/01/2019	557417	A VOICE PROSTHESIS DEVICE	Bipin Thomas Varghese, Sujeshsreedharan, Kollengode Ramanathan
244	6135/CHE/2013	27/12/2013	553067	A PROCEDURE FOR FABRICATING AND USING DECELLULARIZED PORCINE CHOLECYST AS MUSCLE GRAFT FOR REPAIRING FULL OR PARTIAL THICKNESS ABDOMINAL DEFECT/HERNIA.	Dhanush Krishna Balakrishnan Nair Syam Kennekkattu Venugopal Narayanan Divakaran Nair Thapasimuthu Vijayamma Anilkumar
243	202041015925	13/04/2020	551497	SWAB COLLECTION BOOTH	Ramesh Babu, Muraleedharan Chirathody Vayalappil, Arvind Kumar Prajapati, Kelekanjeri Ganapathi Vishwanathan Siva Kumar, Saurabh Nair, Nagesh Divakara Panickar

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					Sulochana
242	201841018156	15/05/2018	550844	PREPARATION OF CURCUMIN INCORPORATED CHOLECYSTIC EXTRACELLULAR MATRIX HYDROGEL (CEMH) FORMULATIONS	Thapasimuthu Vijayamma Anilkumar, Akhila Rajan, Geetha Chandrika Surendran
241	201941042440	18/10/2019	550797	3D PRINTED BIPHASIC SCAFFOLD FOR TRACHEAL RECONSTRUCTION	Prabha Damodaran Nair, Rahul Velikkakath Gopi
240	202141019653	29/04/2021	550343	UNIVERSAL AIRWAY DEVICE FOR LUNG ISOLATION	Gijo Raj, Azhar Kareem Shyla, Chennakeshavallu Gundapalli Narasimhaiah, Suneel Puthuvassery Raman
239	202041045741	20/10/2020	550358	IMPLANTABLE MICRO INFUSION PUMP WITH RESIDUAL VOLUME MEASUREMENT	Sarath sasidharan Nair, Nagesh Divakara Panickar Sulochana
238	202041052458	02/12/2020	549085	A FLEXIBLE AND RETRACTABLE CLOSURE DEVICE, WITH BENDING RECOVERY PROPERTIES	Gijo Raj, Prakash Nair, Roy Joseph, Hariharan Venkat Easwer Manoj Komath
237	202141048525	25/10/2021	548750	DEVICE FOR CONTACTLESS ADJUSTMENT OF PROPORTION OF GASES PARTICULARLY FOR MANAGEMENT OF FIO2	Sarath Sasidharan Nair, Nagesh Divakara Panickar Sulochana
236	202141043066	23/09/2021	548511	SYSTEM AND METHOD FOR DETECTION OF LIQUID TYPES WITHIN CATHETER OF AN IMPLANTABLE MICRO INFUSION PUMP	Sarath Sasidharan Nair, Nagesh Divakara Panickar Sulochana

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235	202041032109	27/07/2020	544421	CAVITY CONFORMABLE SURGICAL SPACE STENT RETRACTOR	Arvind Kumar Prajapati George Chandy Vilanilam
234	201741032817	16/09/2017	543883	A PORTABLE DEVICE AND A METHOD FOR LOCATING THE SUPERFICIAL VEINS OF HUMAN BODY FOR INTRAVENOUS PUNCTURE AND TRACING THE ROUTE OF VEINS WITH PERIPHERAL SCANNING	Sarath sasiharan Nair, Nagesh Divakara Panickar Sulochana, Bejoy Thomas
233	202041020378	14/05/2020	543367	FLOCKED SWABS AND A PROCESS FOR THE MANUFACTURE THEREOF	Lynda Velutheril Thomas, AshokSreedhar, Neethu Mohan, Rahul , Jijo Wilson
232	201941037451	17/09/2019	542206	AN IN VITRO NIDUS DEVICE TO EVALUATE LIQUID EMBOLIC AGENTS	Arvind Kumar Prajapati, Roy Joseph, Jayadevan Enakshy Rajan
231	202041014164	31/03/2020	543057	DEPLOYABLE FIELD UNITS FOR EMERGENCY RESPONSE.	Subhash Neyyattinkara Neelakandan, Muraleedharan Chirathody Vayalappil
230	202141037803	20.8.2021	540820	DOWNSTREAM HEAT TREATMENT PROCESSES FOR STRENGTH ENHANCEMENT OF SLENDER Ti6AL4V SHAPED IMPLANT CASTINGS	Kelekanjeri Ganapathi Vishwanathan Siva Kumar, Chirathodi Vylappil Muraleedharan, Ajmal Mohammed T
229	201941003745	30/1/2019	538205	AN IMPROVED DELIVERY DEVICE FOR DEPLOYMENT OF STENT GRAFTS.	Sujesh sreedharan, Subhash neyyattinkara neelakandan, Krishna kumar sreekumaran, Subhash kumar mahadevan subhashmandiram
228	201841042752	14/11/2018	537273	AN INTER-VERTEBRAL SPACER DEVICE WITH A DELIVERY INSTRUMENT EMPLOYING A PROTRACTING PIN MECHANISM AND A METHOD FOR DEPLOYMENT	Manoj Komath Sajin Raj Rajan Girija Venkatesan Ramesh Babu

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227	202041048520	06.11.2020	536715	METHOD AND SYSTEM FOR PREDICTING OCCURRENCE OF A NEUROLOGIC EVENT IN A SUBJECT	Elizabeth Thomas thiruvila Kalayil, Devanand Palayil, Sudalaimani Chermadurai, Parathy Kochunarayana Pillai, Parvathy Kochunarayana Pillai, Sasi Pilacheri Meethal, Ramehekar Menon, Ashalatha Radhakrishnan, Sanjeev Varghese Thomas
226	202041016758	18/04/2020	537139	AUTOMATIC SMART-BIN WITH COMBINED UV ENABLED MICROWAVE BASED DISINFECTION OF HOSPITAL WASTE	Sethuramen Manikandan, Manoj Govinda Pillai Sulochana Amma, Rahul
225	202141018074	19/04/2021	532338	EXPANDABLE SURGICAL SPACE RETRACTOR WITH TUNABLE EXPANSION RATIO	George Chandy Vilanilam, Aravind Kumar Prajapathi, Chirathodi Vylappil Muraleedharan
224	202041001482	13/01/2020	532468	A COMPOSITE SPONGE FOR HEMOSTATIC AND WOUND HEALING APPLICATIONS	Parayanthala Valappil Mohanan , Remya Nirmal Suma
223	202141051940	12/11/2021	529321	A SALIVA ABSORPTION PAD	Manju saraswathy,Paila Ravi Sankar,Sreejith Sasidharan Lathikumari
222	202041015399	08/04/2020	524398	DISPOSABLE DISINFECTANT ABSORBENT SPONGE.	Manju Saraswathy, Manoj Komath
221	2863/CHE/2014	12/06/2014	527305	AN IMPROVED ADJUSTABLE LIFT SYSTEM FOR MINIMAL INCISION SURGERIES	Thomas Mathew Jayakumar Karunakaran
220	201941042420	18/10/2019	530284	A DUAL BARREL DEVICE FOR THE COLLECTION OF BLOOD AND ISOLATION OF BLOOD COMPONENTS	Renjith parameswaran nair, Anugya Bhatt, Vinodkumar Viswanathan Pillai, Lakshmi Thompil Somasekharan, Subin Sukesan, Venkatesan Rameshbabu

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219	202041028674	06/07/2020	528001	DEVELOPMENT OF FILTER HOUSING FOR A LEUKODEPLETION FILTER UNIT	Ranjith Gopinathan, Ramesh Parameswaran, Muraleedharan Chirathodi Vayalappil, Anugya Bhatt, Nikhil Prasad, Subhair Valakundil Assainar, Ramesh Babu Venkatesan
218	201741031418	05/09/2017	525323	A KIT FOR CELL CULTURE,CELL SHEET HARVEST AND TRANSFER OF CELL SHEET USING BIODFUNCTIONALIZED FIBROUS MAT	Anilkumar Pallicka veedu Rajan Asari Kumary Thrikkovil Variath
217	201841008901	12/03/2018	527030	A PROCESS OF THIN FLEXIBLE ELECTRODE ENCAPSULATION OF CORTICAL ELECTRODES WITH LEAD REINFORCEMENT FOR ECoG RECORDING.	Jithin Krishnan Chirathody Vayalappil Muraleedharan Rethnagireeshwar Rajalingam
216	201841049649	28/12/2018	521747	A SELF EXPANDING FLOW DIVERSION DEVICE WITH ENHANCED KINK RESISTANCE AND RADIAL STRENGTH	Sujesh Sreedharan Anku Sreekumar Sreehari Unnikrishnan Nair
215	201941000952	09/01/2019	523811	A RELEASE MECHANISM FOR USE IN CATHETERIZED DELIVERY OF CARDIOVASCULAR IMPLANTABLE DEVICE INSIDE THE BODY	Sujesh Sreedharan, Jijo Jerard
214	201741041605	21/11/2017	523370	LEAD BODY FLEXION TESTING DEVICE FOR IMPLANTABLE LEADS	Muraleedharan Chirathody Vayalappil Jithin Krishnan. Nitha Velayudha Panicker
213	2448/CHE/2012	20/06/2012	517688	A BIOACTIVE IMPLANT FOR THE CLOSING AND REPAIR OF BONE DEFECTS.	Hariharan Venkat Easwer Girish Menon Ramachandran Jayanand Sudhir Bhanu Narayanan Nair Suresh Nair Krishna Kumar Kesavapisharady Gayathri Viswanathan Mathew Abraham Chittoor Viswanathan Gopalakrishnan George Chandy Vilanilam Venkatesan Ramesh Babu

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					Sekharapillai Vijayan Parimanathu Kovilakom Rama Varma Hari Krishna Varma.
212	201741031544	06/09/2017	516597	BIOACTIVE RESORBABLE ELECTROSPUN FIBER MATS WITH GRADED STRUCTURE FOR PERIODONTAL TISSUE BARRIER APPLICATIONS	Manoj Komath, Anilkumar Pallicka veedu Rajan Asari
211	202041004866	04/02/2020	514826	ZINC OXIDE NANOPARTICLE INTEGRATED ANTI- MICROBIAL COMPOSITION FOR DENTAL RESTORATION	Lizymol Philipose Pampadykandathil, Vibha Chandrababu, Deepu Damodharan Nair Ragini
210	202041014851	03/04/2020	515557	BATTERY OPERATED ASSISTIVE BREATHING UNIT	Sarath sasidharan Nair, Nagesh Divakara Panickar Sulochana ,Vinodkumar Viswanathan Pillai
209	201841000603	05/01/2018	513511	A VENTRICULAR ASSIST DEVICE BLOOD PUMP HAVING IMPELLER SUPPORTED WITH COMBINED PASSIVE MAGNETS AND HYDRODYNAMIC BEARING	Sarath sasidharan Nair, Nagesh Divakara Panickar Sulochana, Vinod Kumar Viswanathan Pillai
208	202041038937	9/9/2020	514392	STRUCTURALLY AND FUNCTIONALLY GRADED POROUS MEMBRANE- SCAFFOLD FOR GUIDED TISSUE REGENERATION	Ramesh Parameswaran, Manoj Komath, Sarah Lukhose Anilkumar Pallicka veedu Rajan Asari
207	201741019058	31/05/2017	511682	A TRILAYER SCAFFOLD FOR DEVELOPING A TISSUE ENGINEERED SKIN CONSTRUCT	Babitha sumathy Prabha Damodaran Nair
206	201941009511	12/03/2019	510987	ANTIOXIDANT POLYMERIC SPONGES FOR WOUND HEALING APPLICATIONS	Rekha Mannemcherril Ramesan

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205	201741016428	10/05/2017	508452	A DEVICE AND A PROCESS FOR DETERMINING THE COAGULATION OF BLOOD AND FOR EVALUATION OF PROTHROMBIN TIME (PT) AND INTERNATIONAL NORMALISE RATIO.	Sarath Sasidaran Nair, Anugya Bhatt
204	202041014221	31/03/2020	505945	AUTOMATED ARTIFICIAL MANUAL BREATHING UNIT VENTILATOR	Sarath sasidharan Nair, Nagesh Divakara Panickar Sulochana, Vinodkumar Viswanathan Pillai
203	201641019235	02.06.2016	505883	GOLD QUANTUM CLUSTER FOR TARGETED BRAIN IMAGING AND DELIVERY OF FOREIGN MOLECULES (DRUGS, NUTRIENTS, THERAPEUTICS ETC.) THROUGH BLOOD BRAIN BARRIER	Jayasree Ramapurath Sarojini amma Lakshmi Vijayan Nair
202	202041015384	08/04/2020	503619	DEVELOPMENT OF REMOTE CONTROLLED NON TOUCH OPENING DUSTBIN WIT INTEGRATED DISINFECTION MECHANISM BASE ON UV LIGHT FOR INFECTION CONTROL IN COVID-19 OUTBREAK	Sethuramen Manikandan, Manoj Govinda Pillai Sulochana Amma, Rahul G Nath
201	201941037650	18/09/2019	501941	A PROCESS FOR MAKING SPHERICAL BIO-CERAMIC BEADS USING SUPER HYDROPHOBIC POWDER BED	Manoj Komath Sivadasan Suresh Babu, Harikrishna Varma Parimanathu Kovilakom Rama Varma
200	202141005890	11/02 /2021	499261	MULTI-WELL PLATE WITH INSERTS FOR CELL CULTURE AND BIOMEDICAL APPLICATIONS	Naresh Kasoju, Manoj Komath , Anilkumar Pallicka veedu Rajan Asari, Harikrishna Varma Parimanathu Kovilakom Rama Varma, Athira Rajalakshmi Kumar
199	202041019872	11/05/2020	498135	A SYSTEM FOR SPILLAGE CONTROL AND FLUID WASTE MANAGEMENT IN HOSPITALS	Manju Saraswathy, Manoj Komath, Ajay Prasad Hrishi, Asha Kishore
198	201941019027	13/05/2019	497258	A DELIVERY SYSTEM WITH A RELEASE MECHANISM FOR DEPLOYING AND DETACHING BRAIDED VASCULAR DEVICES.	Sujesh sreedharan, Anku Sreekumar, Sreehari Unnikrishnan Nair

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197	201841005220	12/02/2018	495822	A CONDUCTOR FLEX TEST SYSTEM TO TEST FATIGUE RESISTANCE OF UNIFORM LEAD BODY	Jithin Krishnan Chirathody Vayalappil Muraleedharan Nitha Velayudha Panicker Biju Benjamin
196	201741038920	01/11/2017	495816	PREVENTION OF INVIVO CALCIFICATION IN GLUTERALDEHYDE CROSSLINKED PERICARDIUM THROUGH MAGNESIUM CHELATION	Payanam Ramachandra Umashankar Kunnatheery Sreenivasan Prem Mohan Mohana Chandran Baiju.S.Dharan M.Unnikrishnan.
195	201741042949	30/11/2017	495521	A DEVICE WITH A SYSTEM FOR SIMULATING THE CHARGE DISTRIBUTION MATRIX IN ELECTRICAL PHANTOM MODEL OF BRAIN USING CONCENTRIC NEEDLE ELECTRODES.	Muraleedharan Chirathody Vayalappil Jithin Krishnan. Biju Benjamin
194	5049/CHE/2013	08/11/2013	494023	BIOMIMETIC NANOFIBER ASSEMBLED HYDROGELS AS HYBRID SCAFFOLDS FOR ENGINEERING OF COMPLEX TISSUES AND THE INTERFACES AND THE PROCESS THERE OF	Neethu Mohan Prabha Damodaran Nair
193	201741036490	13/10/2017	489968	IMPLANTABLE ATRIAL SEPTAL DEFECT OCCLUSION DEVICE WITH WOVEN CENTRAL SECTION ON LEFT ATRIAL FLANGE	Sujesh Sreedharan, Jijo Jerard, Liji Geetha Vijayan, Dr. Bijulal Sasidharan
192	5408/CHE/2015	09/10/2015	482806	POLYMERIC MICRO NEEDLES FOR CONTROLLED DELIVERY OF DRUGS/BIOMOLECULES AND A PROCESS FOR THE PREPERATION THERE OF	Shiny Velayudhan Prabha Damodaran Nair

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191	201941034702	28/8/2019	479284	A RADIOPAQUE BIOACTIVE NON CYTOTOXIC BONE CEMENT AND THE PROCESS THEREOF	Lizymol Philipose pampady kandathil
190	202141007977	25/02/2021	475367	AN ULTRASENSITIVE NANOSENSOR FOR DOPAMINE DETECTION AND THE PROCESS THEREOF	Ramapurath Sarojini Amma Jayasree, Resmi Vijayan Nair
189	201641023201	06/07/2016	474579	A PROCESS FOR THE ISOLATION OF FIBRINOGEN CONCENTRATE, SERUM ALBUMIN OR THROMBIN FROM POOLED HUMAN PLASMA	Lissy Kalliyana Krishnan Anilkumar Velayudhan, Priyanka Ajitha Ranjith Sankarankutty Kartha,
188	201741001964	18/01/2017	474076	AN APPLICATION SYSTEM FOR TWO COMPONENT INJECTABLE GEL MIXTURES WITH A HOMOGENEOUS MIXING UNIT FOR VARIOUS APPLICATIONS.	Praveen Krishnan Veerasubramaniam Lynda Velutheril Thomas Prabha Damodaran Nair
187	201841020267	30/05/2018	469615	A TUNABLE BIOINK FOR 3D BIOPRINTING AND THE PROCESS FOR THE PREPARATION THEREOF	Roy Joseph Praveen Kunjan Sobhan
186	201841000162	02/01/2018	466411	GELATIN COPOLYMER WITH VINYL MONOMERS AND ITS BLEND WITH SYNTHETIC POLYMERS AS SCAFFOLD FOR CELL GROWTH	Lynda Velutheril Thomas Prabha Damodaran Nair
185	201741031554	06/09/2017	467089	MULTI FUNCTIONAL FLUORESCENT NANOSENSOR FOR SIMULTANEOUS DETECTION OF COPPER AND CREATININE AND THE PROCESS THEREOF.	Jayasree Ramapurath Sarojini Amma Resmi Vijayan Nair Parvathy Radhakrishna Pillai Suma
184	6648/CHE/2014	29.12.2014	465267	A SYSTEM AND A METHOD FOR NON-CONTACT WARMING OF BAG CONTAINING BLOOD AND INTRAVENOUS FLUIDS WITH INFRARED HEATING FROM	Sarath sasideharan Nair Nagesh Divakara Panickar Sulochana

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				REFRIGERATOR CONDITION TO PHYSIOLOGICAL CONDITION FOR MASSIVE TRANSFUSION.	
183	202041014200	31/03/2020	460266	FACE MASKS SANITIZATION BIN	Subhash Neyyattinkara Neelakandan, Muraleedharan Chirathody Vayalappil
182	201741021062	16/06/2017	458341	A HYDROGEL SYSTEM FOR THREE-DIMENSIONAL (3d) PRINTING	Shiny Velayudhan, Anilkumar Pallicka veedu Rajan Asari, Kumary Thrikkovil Variath,Kalliyanakrishnan Venkateswaran
181	3292/CHE/2015	26/06/2015	457406	A METHOD FOR TESTING OXYGEN TRANSFER PERFORMANCE OF A BLOOD OXYGENATOR	Muraleedharan Chirathody Vayalappil. Nagesh Divakara Panickar Sulochana
180	985/CHE/2012	19/03/2012	455693	A SIMPLIFIED PROCEDURE FOR ISOLATION OF TISSUE ENGINEERING- SCAFFOLDS FROM CHOLECYST	Thapasimuthu Vijayamma Anilkumar
179	201641020912	18.06.2016	450159	MAGNETIC REASONANCE IMAGE(MRI) COMPATIBLE NON-REBREATHING SEQUENTIAL GAS DELIVERY SYSTEM TO MAINTAIN CONSTANT END TIDAL CARBON DIOXIDE (ETCO2), TO BE USED FOR CEREBRO VASCULAR REACTIVITY (CVR) ASSESSMENT USING FMRI AND ALLIED TECHNIQUES AND TO VARY THE LEVEL OF ETCO2 AT FIXED TIME POINTS	Bejoy Thomas Gayatrrri Parthasarathi Manoj Govinda Pillai Sulochana Amma Suneel Puthuvasseril Raman Unnikrishnan Koniparampil Pappu

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178	201841029835	08/08/2018	444325	RECOMBINANT TRANSFORMING GROWTH FACTOR ALPHA (TGFα) FOR VARIOUS WOUND HEALING APPLICATIONS AND THE PROCESS THEREOF	Anoopkumar Thekkuveetil Salini Bhasker Geethu Shaji
177	2894/CHE/2013	28/06/2013	440233	HIGH SENSITIVE CURRENT CONTROLLED ELECTROMAGNETIC BLOOD FLOW METER DEVICE	Sarath sasidharan Nair Nagesh Divakara Panickar Sulochana Vinod Kumar Viswanathan Pillai
176	201741040538	14/11/2017	437270	IMPLANTABLE ATRIAL SEPTAL OCCLUSION DEVICE WITH LEFT ATRIAL DISC HAVING A LOW PROFILE INTER-TWINED CENTRE	Sujesh Sreedharan, Jijo Jerard, Amritha Thankamony Suresh
175	201741039475	06/11/2017	437272	A DELIVERY DEVICE WITH A THUMB WHEEL DRIVE FOR INTRODUCING, POSITIONING AND DEPLOYING A STENT GRAFT	Sujesh Sreedharan, Krishna Kumar Sreekumaran, Jijo Jerard, Anoop Gopinathan
174	201741038830	01/11/2017	437267	AN IMPROVED STENT WITH ENHANCED CRIMPABILITY, HAVING ENCLOSING STRUTS, FOR USE IN BLOOD VESSELS	Sujesh Sreedharan, Krishna Kumar Sreekumaran
173	202041029149	09/07/2020	435101	MUCIN INCORPORATED ELECTROSPUN ZEIN AND ITS BLENDS WITH ENHANCED MUCO ADHESION AS A DRUG DELIVERY SYSTEM	Ramesh Parameswaran, Rekha Mannemcherril Ramesan, Prakash Nair, Medha Surendranath
172	3172/CHE/2012	02/08/2012	434581	A PROCESS FOR MAKING TITANIUM BONE IMPLANTS WITH BIOCOMPATIBLE AND NANOPOROUS SURFACE STRUCTURE	Rajesh Palangadan, Manoj Komath, Parimanathu Kovilakom Rama Varma Hari Krishna Varma.
171	6194/CHE/2013	31/12/2013	433927	A METHOD FOR FABRICATING BIO-ARTIFICIAL SKIN GRAFT BY LOADING CELLS ON CHOLECYST EXTRACELLULAR MATRIX FOR WOUND HEALING APPLICATIONS.	Deepa Revi Anoopkumar Thekkuveetil Thapasimuthu Vijayamma Anilkumar

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170	201741038832	01/11/2017	429582	AN IMPROVED STENT FOR USE IN BLOOD VESSELS WITH ENHANCED FIXATION	Sujesh Sreedharan, Krishna Kumar Sreekumaran
169	202041036226	22/08/2020	427997	A PROCESS OF PREPARATION OF AN INJECTABLE HYDROGEL FORMULATION OF MAMMALIAN CHOLECYST EXTRACELLULAR MATRIX FOR TISSUE ENGINEERING APPLICATIONS	Pratheesh kanakarajan vijayakumari, Praveen kunjan sobhan, Thapasimuthu Vijayamma Anilkumar, Reshmi Raj, Purnima Chandramohan
168	4867/CHE/2013	29/10/2013	426017	POROUS SCAFFOLD FOR TISSUE ENGINEERING	Prabha Damodaran Nair Neena Aloysious
167	201641015636	05/05/2016	426700	BIOMIMETIC FIBRIN GEL COMPOSITE INJECTABLE TO SPINAL CORD INJURY FOR PREVENTION OF IMMUNE REACTION AND DELIVERY OF NEURAL PROGENITORS	Lissy Kalliyana Krishnan Tara Sudhadevi
166	202041022745	30/05/2020	424961	HYDRO-NANOGEL POWDER FORMULATION FOR ORAL PROTEIN DELIVERY APPLICATIONS	Mannemcherril Ramesan Rekha
165	3482/CHE/2014	15/07/2014	423230	A PORTABLE DEVICE AND A METHOD FOR NON-CONTACT WARMING OF BLOOD AND INTRAVENOUS FLUIDS WITH INFRARED HEATING FROM REFRIGERATOR CONDITION TO PHYSIOLOGICAL CONDITION	Sarath sasidharan Nair Nagesh Divakara Panickar Sulochana
164	201741039555	07/11/2017	422625	A DELIVERY DEVICE FOR POSITIONING AND DEPLOYMENT OF STENT GRAFTS	Sujesh Sreedharan, Krishna Kumar Sreekumaran, Vivek Parayath Uthaman, Subhash Neyyattinkara Neelakandan.

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163	201741031416	05/09/2017	421123	PULLULAN-GELATIN CROSS LINKED BIODEGRADABLE CRYOGEL SCAFFOLD AS AN IMPLANT FOR CARTILAGE TISSUE REPAIRA	Nimi Nirmala Resmi Anand Merlin Rajesh Lal Lawrence Panchali Prabha Damodaran nair
162	4529/CHE/2012	30/10/2012	420067	SINGLE STEP METHOD FOR COVALENTLY LINKING HEPARIN TO DECELLULARISED TISSUE	Payanam Ramachandra Umashankar Prem Mohan Mohana Chandran
161	201941005030	08/02/2019	419844	A MULTIMODALITY STIMULATION DEVICE FOR NEUROLOGICAL DISORDERS	Sajith Sukumaran Sesh Sivadasan Sajithlal Madavan Krishnamma Jithin Krishnan Rajkrishna Rajan
160	1080/CHE/2012	23/03/2012	419263	A CENTRIFUGAL PUMP FOR TRANSFERRING FLUID AT A REDUCED PRIMING VOLUME WITHOUT DETERIORATION OF INHERENT FLUID PROPERTIES.	Nagesh Divakara Panickar Sulochana Vinod Kumar Viswanathan Pillai
159	201641012862	12.04.2016	416460	A PROCESS OF ASCERTAINING RELIABILITY AND DETERMINING SAFE SERVICE LIFE OF HIGH RISK MEDICAL IMPLANTS LIKE ARTIFICIAL HEART VALVES USING AN ACCELERATED DURABILITY TESTING APPARATUS	Subhash Neyyattinkara Neelakandan. Muraleedharan Chirathody Vayalappil
158	46/CHE/2014	06/01/2014	416465	AN EXTERNAL PNEUMATIC COMPRESSION DEVICE FOR PREVENTION OF DEEP VEIN THROMBOSIS	Jithin Krishnan Koruthu Puthenparampil Varughese
157	201841018045	14/05/2018	416391	A MICROFLUIDIC PAPER BASED ANALYTICAL DEVICE WITH A LAMINATED BASE AND THE PROCESS OF FABRICATION	Lynda Velutheril Thomas Prabha Damodaran Nair Priyadarsini Sreenivasan

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
156	2918/CHE/2015	10/06/2015	415692	AN IMPROVED PORTABLE INFANT WARMING DEVICE HAVING RADIANT NON CONTACT WARMING INFRARED LIGHT EMITTING DIODES FOR PROVIDING A UNIFORM WARM ENVIRONMENT AROUND A PREMATURE BORN BABY	Sarath sasidharan Nair Nagesh Divakara Panickar Sulochana
155	201841007029	24/02/2018	415327	A MOLD FOR CORTICAL ELECTRODE FABRICATION WITH LEAD REINFORCEMENT MECHANISM	Jithin Krishnan Chirathody Vayalappil Muraleedharan Rethnagireeshwar Rajalingam Biju Benjamin
154	201941013381	03/04/2019	415206	A RADIOPAQUE POLYMERIC LIQUID EMBOLIC SYSTEM	Roy Joseph, Jayadevan Enakshy Rajan Gopika Valsalakumari Gopan
153	877/CHE/2012	08/03/2012	414227	A SIMPLIFIED PROCEDURE FOR ISOLATING TISSUE ENGINEERING SCAFFOLDS FROM SMALL INTESTINAL SUBMUCOSA OF WARM BLOODED ANIMALS	Thapasimuthu Vijayamma Anilkumar
152	2338/CHE/2013	29/05/2013	413604	A PROCEDURE FOR FABRICATING XENOGRAFT USING MAMMALIAN CHOLECYST DERIVED EXTRACELLULAR MATRIX FOR WOUND HEALING APPLICATIONS	Deepa Revi, Thapasimuthu Vijayamma Anilkumar, Jaseer Muhamed Ceethakulath Jamaludheen
151	201941041135	11/10/2019	413329	A SUCTION RETRACTOR DEVICE FOR AORTIC VALVE REPLACEMENT IN ADULT CARDIAC SURGERY	Bineesh Kundoly Radhakrishnan, Sarath Gopalakrishnan, Vinodkumar Viswanathan Pillai, Rajkrishna Rajan
150	4025/CHE/2014	18/08/2014	413196	DETECTION AND REMOVAL OF ENDOSULFAN FROM GRO UND WATER USING CADMIUM SELENIUM QUANTUM DOTS	Jayasree Ramapurath Sarojini amma Lakshmi Vijayan Nair

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
149	1176/CHE/2012	28/03/2012	413023	A PROCESS FOR DELAMINATING TISSUE LAYERS OF URINARY BLADDER FOR ISOLATING EXTRACELLULAR MATRIX COMPONENTS	Thapasimuthu Vijayamma Anilkumar
148	4362/CHE/2015	20.08.2015	412159	NEW GENERATION OF CALCIUM PHOSPHATE BASED BIOCERAMIC SCAFFOLDS FROM SYNTHETIC INORGANIC PRECURSORS AND A PROCESS FOR THE PREPARATION THEREOF	Parimanathu Kovilakom Rama Varma Hari Krishna Varma, Nimmy Mohan, Sivadasan Suresh Babu
147	202041025478	17/06/2020	410827	LOW COST BIOACTIVE BONE CEMENTS	Lizymol Philipose Pampadykandathil Bridget Jeyatha Wilson
146	201741025621	19/07/2017	410403	DEVELOPMENT OF SMART BIOACTIVE RADIOPAQUE DENTAL COMPOSITE WITH SUPERIOR MECHANICAL PROPERTIES FROM INORGANIC-ORGANIC HYBRID RESIN	Lizymol Philipose Pampadykandathil Kalliyanakrishnan Venkateswaran Vibha Chandrababu
145	4543/CHE/2015	28/08/2015	407428	FIBRIN WAFER FOR SUSTAINED LOCAL DELIVERY OF HUMAN ALBUMINATED CURCUMIN	Lissy Kalliyana Krishnan, Ranjith Sankarankutty Kartha
144	5557/CHE/2015	16/10/2015	409296	AN IMPROVED PORTABLE BASSINET WITH CONTROLLED INFRARED WARMING FACILITY FOR THERMOREGULATION OF LOW-BIRTH-WEIGHT INFANTS TO ACHIEVE FASTER WEIGHT RECOVERY AND A METHOD FOR THE SAME	Sarath sasidharan Nair, Manoj Komath
143	201941001306	11/01/2019	404518	AMINO ACID ENRICHED TUNABLE BIOINK FORMULATION FOR MULTIDIMENSIONAL BIOPRINTING AND THE PROCESS THEREOF	Roy Joseph, Praveen Kunjan Sobhan

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
142	3022/CHE/2015	17/06/2015	402986	ARTERIAL COMPRESSION DEVICE FOR POST ANGIOPLASTY MANAGEMENT IN FEMORAL AND RADIAL PUNCTURE SITE	Jithin Krishnan, Muraleedharan Chirathody Vayalappil
141	201641026539	03/08/2016	402649	AN ANTIMICROBIAL WOUND DRESSING MATERIAL	Kalliyanakrishnan Venkateswaran, Lissy Kalliyana Krishnan, Rethikala Pandikapallil Kumaran
140	201841028120	26/07/2018	400578	A PROCESS FOR THE SYNTHESIS OF SHELL NACRE CONTAINING BIO-RESIN FOR DENTAL AND ORTHOPEDIC APPLICATIONS	Lizymol Philipose Pampadykandathil Wilson Bridget Jeyatha Venkiteswaran KalliyanaKrishnan
139	201941013380	03/04/2019	398081	A NON-CYTOTOXIC DIPHENOLIC TETRAIODO COMPOUND AND METHOD OF PREPARATION THEREOF	Roy Joseph, Gopika Valsalakumari Gopan
138	114/CHE/2012	11/1/2012	394822	AN IMPROVED SYSTEM FOR VAPOUR POLISHING OF PLASTIC COMPONENTS IN A METALLIC VESSEL	Nagesh Divakara Panickar Sulochana Vinod Kumar Viswanathan Pillai
137	5365/CHE/2014	28/10/2014	394363	A SPIRAL CROSS FLOW COMPACT HEAT EXCHANGER FOR BLOOD TO BE PROVIDED WITH MEMBRANE OXYGENATORS EMPLOYED IN EXTRACORPOREAL CARDIOPULMONARY SUPPORT	Nagesh Divakara Panickar Sulochana Vinod Kumar Viswanathan Pillai Vijayakumar Harikrishnan
136	201741047245	29/12/2017	393911	LINT FREE CROSSLINKED CHITOSAN-PVA SPONGE AS AN ABSORBENT WOUND DRESSING AND METHOD OF PREPARATION THEREOF	Lynda Velutheril Thomas Prabha Damodaran Nair Nimi Nirmala Shanti Krishna Ayilliath
135	201841018007	14/05/2018	392923	A BIOACTIVE AND THERMORESPONSIVE RAPID GEL PREPARED OUT OF AN ACTIVE MACROMONOMER WHICH IS DEVELOPED FROM A BIOPOLYMER AND THE PROCESS THEREOF	Radhakumary Changerath Kunnatheery Sreenivasan

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
134	1516/CHE/2013	03/05/2013	331313	FIBRIN WAFER / DISC AS A BIOLOGICAL CARRIER FOR SUSTAINED DELIVERY OF CURCUMIN	Lissy Kalliyana krishnan Lakshmi Sreedharan Pillai
133	2398/CHE/2014	14/05/2014	389894	DEVELOPMENT OF A BIODEGRADABLE AND BIO MIMETIC HYBRID SCAFFOLD USING SYNTHETIC PLGC TERPOLYMER AND BIOPOLYMER FOR TISSUE ENGINEERING	Kalliyanakrishnan Venkateswaran Lissy Kalliyana krishnan
132	390/CHE/2015	28/01/2015	385033	DENTAL COMPOSITES FOR DENTAL RESTORATION	Lizymol Philipose Pampadykandathil Vibha Chandrababu
131	338/CHE/2015	23/01/2015	381633	A DEVICE FOR AUTOMATIC MAINTENANCE, CONTROL AND MONITORING OF INTRA-CUFF PRESSURE IN ENDOTRACHEAL TUBES	Jithin krishnan Muraleedharan Chirathody Vayalappil
130	201811049187	26/13/2018	364000	A DENTAL RESTORATIVE COMPOSITE AND A PROCESS FOR PREPARING THE SAME	Lt. Col. Manu Krishnan Dr. Lizymol Philipose Pambadykandathil
129	201741019059	31/05/2017	377860	A POLYMERIC SCAFFOLD FOR FULL THICKNESS SKIN CONSTRUCT	Babitha Sumathy, ShinyVelayudhan, Prabha Damodaran Nair
128	6547/CHE/2015	08/12/2015	354444	HYDROXYAPATITE GEL BASED INJECTABLE RADIO-OPAQUE PASTE FOR ROOT CANAL FILLING.	Manoj Komath Parimanathu Kovilakom Rama Varma Hari Krishna Varma
127	201741046606	26/12/2017	374801	ISOTHERMAL AMPLIFICATION OF mpt64 GENE USING SPECIFIC PRIMERS FOR THE DETECTION OF <i>Mycobacterium tuberculosis</i> AND THE PROCESS THEREOF.	Anoop Kumar Thekkuveetil, Praveen Sanker Shivasankaran, Swathy Suresh Nair

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
126	3071/CHE/2015	19/06/2015	373359	PROCESS FOR PRODUCING CALCIUM PHOSPHATE PARTICLES BY ELECTRO SPRAYING COMBINED WITH SOL GEL METHOD	T.S.Sampath kumar V.Yogeswar chakrapani Kumary Thrikkovil Variath
125	4027/CHE/2014 (SCTIMST/KSCSTE)	18/08/2014	370869	A PROCESS FOR THE SYNTHESIS OF INORGANIC-ORGANIC HYBRID RESINS COMPRISING OF ALKOXIDES OR MIXTURES OF ALKOXIDES OF CALCIUM, MAGNESIUM, ZINC, STRONTIUM, BARIUM AND MANGANESE WITH POLYMERISABLE (DI AND TETRA) METHACRYLATE GROUPS.	Lizymol Philipose Pampadykandathil Vibha Chandrababu
124	201641010185 (SCTIMST/IITM)	23/03/2016	370281	NON-LEACHING BACTERIAL AND PATELET ANTI ADHESIVE BIOACTIVE SURFACE	Ramesh Parameswaran Akhandanandan Maya Nandkumar Vignesh Muthuvijayan Sudhin Thampi
123	4292/CHE/2012	15/10/2012	368256	A PROCESS FOR MAKING DIAMOND LIKE CARBON COATING TO PREVENT METAL ION ELUTION FROM THE SURFACES OF MEDICAL DEVICES	Manoj Komath Chirathodi Vylappil Muraleedharan Gobichettipalayam Subbratnam Bhuvaneshwar
122	2200/CHE/2013 (SCTIMST/ICMR)	20/05/2013	366980	DEVELOPMENT OF SOLUBLE ALBUMINATED CURCUMIN FOR APPLICATION IN CANCER THERAPY	Lissy Kalliyana krishnan Christina Thomas
121	1166/CHE/2014	7/03/2014	363561	PROCESS AND COMPOSITIONS OF SELF-AGGREGATED HYDROPHOBIC POLYSACCHARIDE NANOPARTICLES FOR ORAL ADMINISTRATION OF PROTEINS AND POLYPEPTIDES	Willi Paul Chandra Prakash sharma
120	201741019057	31/05/2017	358404	A POLYURETHANE ADHESIVE FOR MEDICAL DEVICES AND END USE APPLICATIONS	Muthu Jayabalan

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
119	930/CHE/2012	14/03/2012	357096	A METALIC STENT FOR USE AS SUPPORT IN BLOOD	Sujesh Sreedharan Muraleedharan Chirathody Vayalappil
118	3799/CHE/2014	04/08/2014	355629	CERAMIC MOIETY MODIFIED MAGNETIC NANO PARTICLE- BIOMEDICAL APPLICATIONS IN CELL SEPARATION AND HYPERTHERMIA THERAPY.	Ansar Ereath Beeran Sekharapillai Vijayan, Parimanathu Kovilakom Rama Varma Hari Krishna Varma
117	397/CHE/2015	28/01/2015	354417	AN AGENT FOR THE REMOVAL OF DENTAL CRIES AND A PROCESS FOR THE PREPARATION THEROF.	Kalliyanakrishnan Venkateswaran. Lizymol Philipose Pampadykandathil. George Kuriakose
116	1362/CHE/2012	04/04/2012	354385	A VASCULAR GRAFT SEALED WITH BIODEGRADABLE HYDROGEL AND PASSIVATED WITH A FLUROPOLYMER COATING	Roy Joseph, Chirathodi Vaylappil Muraleedharan
115	201741019056	31/05/2017	354333	A POLYURETHANE POTTING COMPOUND FOR MEDICAL DEVICES AND END USE APPLICATIONS	Muthu Jayabalan
114	19/CHE/2014	03/01/2014	353231	A BATTERY OPERATED HAND HELD PORTABLE BLOOD OR CONDUCTING FLUID FLOW MEASURING DEVICE EXHIBITING HIGH SENSITIVITY, ZERO WARM UP TIME, MINIMUM SIGNAL DRIFT, LOWER HEAT DISSIPATION AND POWER LOSSES	Sarath sasidharan Nair Nagesh Divakara Panickar Sulochana
113	80/CHE/2012	09/01/2012	352720	PREPARATION OF IRON OXIDE NANOPARTICLES WITH HIGH TRANSVERSE RELAXIVITY AND SATURATION MAGNETIZATION FOR IMAGING APPLICATIONS	Jayasree Ramapurath Sarojini Amma Harikrishna Varma Parimanathu Kovilakom Rama Varma,
112	5442/CHE/2015	12/10/2015	351401	COMPOSITIONS OF CATIONIC SOLID LIPID NANOPARTICLES AND CATIONIC POLYLACTIC GLYCOLIC ACID NANOPARTICLES FOR TARGETTING OF DRUGS TO INFECTIOUS OR CANCER CELLS IN	Willi Paul Chandra Prakash Sharma

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
				COLON AND PROCESS THEREOF	
111	2770/CHE/2010	01/02/2010	349509	INJECTABLE AND FAST SETTING BIODEGRADABLE POLYETHER BONE CEMENT FOR HEALING OF BONE DISEASE AND FRACTURE	Muthu Jayabalan
110	986/CHE/2012	19/03/2012	348165	RESERVOIR FOR EVALUATING OPERATIONAL PERFORMANCE OF CARDIOPULMONARY DEVICES	Nagesh Divakara Panickar Sulochana Vinod Kumar Viswanathan Pillai Arun Babu
109	4996/CHE/2014	07/10/2014	345160	A VISIBLE LIGHT CURE DENTAL RESTORATIVE COMPOSITE	Lizymol Philipose Pampadykandathil , Vibha Chandrababu
108	5169/CHE/2013	14/11/2013	341427	SURFACE MODIFIED MATERIAL AS NON REFLECTING AND INERT SUBSTRATUM FOR MICROSCOPIC IMAGING AND SPECTRAL STUDIES OF BIOLOGICAL AND NON BIOLOGICAL SAMPLES	Samavedam Sandhyamani Santhosh Kumar Bhaskara Pillai
107	5009/CHE/2013	06/11/2013	340078	A PROCESS FOR THE MANUFACTURE OF NANOPOROUS BIOCERAMIC BODIES FOR BONE IMPLANTATION, DRUG DELIVERY AND TISSUE ENGINEERING APPLICATIONS	Parimanathu Kovilakom Rama Varma Hari Krishna Varma, Sekhara pillai Vijayan, Sivadasan Suresh Babu, Annie John Hariharan Venkat Easwer.
106	1567/CHE/2012	20/4/2012	329967	METHOD OF PREPARATION OF UREASE AND GOLD QUANTUM CLUSTER MEDIATED NANOBIOSENSOR FOR THE DETECTION OF BLOOD UREA AND THE PROCESS INVOLVED	Ramapurath Sarojini Amma Jayasree Ayyappanpillai Ajayaghosh Lakshmi Vijayan Nair
105	987/CHE/2012	19/03/2012	328634	A BONE FILLER CEMENT	Manoj Komath Parimanathu Kovilakom Rama Varma Hari Krishna Varma,
104	115/CHE/2012	11/01/2012	328571	RAPID ANTIBIOTIC SENSITIVITY TEST KIT FOR URINARY TRACT INFECTION(UTI)	Akhandanandan Maya Nandkumar Pradeepkumar Soman Pillai Sarojini Amma

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
103	149/CHE/2012	13/01/2012	328102	INHERENTLY RADIOPAQUE AND NON-TOXIC POLYURETHANE COMPOSITION	Roy Joseph, Kiran Sukumaran
102	2241/CHE/2008	15/09/2008	324477	BIODEGRADABLE BIOSYNTHETIC SCAFFOLD MATERIALS FOR CARDIAC TISSUE ENGINEERING	Muthu Jayabalan
101	4470/CHE/2011	20/12/2011	324213	POLYURETHINE ELASTOMER WITH ADAPTABLE SURFACE PROPERTIES	Muthu Jayabalan, S.Dawlee
100	1514/CHE/2012	16/4/2012	320086	A PROCESS FOR THE PREPARATION OF LOW DIMENSIONAL CALCIUM SULPHATE CRYSTALS	Manoj Komath, Sureshbabu Sivadasan. Parimanathu Kovilakom Rama Varma Hari Krishna Varma
99	1028/CHE/2012	21/03/2012	314849	A METHOD FOR EVALUATING PYROGENICITY IN VITRO AND A KIT THERE FOR	Parayanthala Valappil Mohanan Siddarth Banerjee Muraleedharan Chirathody Vayalappil Lissy Kalliyana Krishnan Gobichettipalayam Subbratnam Bhuvaneshwar
98	813/CHE/2012	05/03/2012	314010	WATER ACTIVATABLE POLYURETHANE SYSTEM CONTAINING MICRO-ENCAPSULATED CATALYST FOR ORTHOPEDIC CASTING TAPE	Muthu Jayabalan
97	2113/CHE/2008	29/08/2008	293780	A PROCESS FOR NON-DETERGENT BASED DE-CELLULARISATION OF ANIMAL TISSUES FOR THERAPEUTIC HUMAN IMPLANTATION	Payanam Ramachandra Umashankar Anoopkumar Thekkuveetil
96	978/CHE/2006	07/06/2006	280492	HAEMOCONCENTRATOR	Divakara panicker Sulochana Nagesh,, Gobichettipalayam Subbratnam Bhuvanesswar, Vinod Kumar Viswanathan Pillai Harikrishnan Vijayakumar

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
95	495/CHE/2006	20/03/2006	279618	A PROCESS FOR THE PREPARATION OF BIOACTIVE BILAYER CERAMIC STRUCTURE FOR BURR HOLE BUTTONS	Parimanathu Kovilakom Rama Varma Hari Krishna Varma, Sekhara pillai Vijayan, Hariharan Venkat Easwer, Robindra Narayan Bhattacharya
94	212/MUM/2010 (TATA MEMORIAL/SCTIMST)	27/01/2010	272769	METHOD FOR IN-VIVO BINDING OF CHROMATIN FRAGMENTS	Indraneel Mitra, Sharma Chandra Prakash, Mannemcherril Ramesan Rekha, Gopichettipalayam Subbaratnam Bhuvaneshwar, Kavita Anirban Pal
93	2499/DEL/2005 (CSIR/SCTIMST)	15/09/2005	264709	pH SENSITIVE NANO PARTICLE FORMULATION FOR ORAL DELIVERY OF PROTEIN/PEPTIDES	Chandra Prakash Sharma, Mannemcherril Ramesan Rekha
92	130/MAS/2000	21/02/2000	253557	A METHOD OF OBTAINING BIOMATERIALS COATED IN FIBRIN ADHESIVE.	Lissy Kalliyana Krishnan
91	989/MAS/2001	07/12/2001	246500	BIOCERAMIC MICROSPHERES, MICROSTRUCTURED MICROSPHERES AND A PROCESS FOR THE PREPARATION THEREOF	Parameswaran Ramesh, Harikrishna Varma Parimanathu Kovilakom Rama Varma, Mundan Kurien Chummar Sunny, Sivadasan Suresh Babu
90	816/CHE/2003	09/10/2003	241610	PROCESS FOR CHEMICAL MODIFICATION OF CELL CULTURE SUBSTRATE	Kunnatheery Srinivasan Kumary Thrikkovil Variath
89	847/CHE/2005	04/07/2005	235249	A BIOPOLYMER MATRIX	Jayakrishnan Athipettah
88	848/CHE/2005	04/07/2005	234760	THE GRAFT COPOLYMER FOR THE ENCAPSULATION AND IMMUNOISOLATION OF LIVING CELLS	Prabha Damodaran Nair

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
87	47/MAS/2002	21/01/2002	230740	A PROCESS FOR THE PREPARATION OF A BIOCOMPATIBLE POLYMERIC COMPOSITION OF AN INTER-PENETRATING POLYMERIC NETWORK(IPN)	Prabha Damodaran Nair
86	34/MAS/2002	16/01/2002	229649	A PROCESS FOR THE PREPARATION OF ORAL INSULIN MICROCAPSULES	Chandra Prakash Sharma
85	306/MAS/2000	24/04/2000	229318	AN APATITIC BONE CEMENT COMPOSITE WITH BIOACTIVE GLASS	Manoj Komath Harikrishna Varma Parimanathu Kovilakom Rama Varma
84	782/CHE/2004	06/08/2004	229316	A BLOOD PUMP	Nagesh Divakara Panickar Sulochana Vinod Kumar Viswanathan Pillai
83	1115/MAS/2000	22/12/2000	229135	A PROCESS FOR THE PREPARATION OF DRUG ENCAPSULATED MICROSPHERES	Leister Rowsen Moses Chandra Prakash Sharma
82	433/MAS/2002	07/06/2002	223536	A CROSSLINKABLE AND NON-AROMATIC POLYURETHANE POTTING COMPOUND	Muthu Jayabalan Pampadykandathil Philip Lizymol
81	185/MAS/2002 (DIV.Appl.of 2697/MAS/1998)	18/03/2002	223121	ANTI-SNAKE VENOM IMMUNOGLORULINS OBTAINED FROM CHICKEN EGG-YOLK	Lissy Kalliyana Krishnan Mary Vasantha Bai
80	224/MAS/1999	24/02/1999	222703	A PROCESS FOR THE PREPERATION OF IMMUNO ADSORBENT MATRIX BASED ON MODIFIED POLYVINYL ALCOHOL MICROSPHERES	Peringatullil Raman Hari, Chandra Prakash Sharma, Willi Paul
79	805/CHE/2003	06/10/2003	222314	AN OSTEOCONDUCTIVE COMPOSITE MATERIAL	Parameswaran Ramesh Parimanathu Kovilakom Rama Varma Hari Krishna Varma

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
78	443/CHE/2003	02/06/2003	221689	A SINGLE SOLUTION BONDING AGENT (SSBA) AND A PROCESS FOR THE PREPARATION THEREOF	Venkateswaran Kalliyanakrishnan Pampadykandathi Philip Lizymol
77	483/CHE/2003	12/06/2003	219733	A MODIFIED CERAMIC RESIN FOR USE IN DENTAL APPLICATIONS AND A PROCESS FOR THE PREPARATION THEREOF	Pampady Kandathil Philip Lizymole, Venkateswaran Kalliyanakrishnan
76	921/MAS/2002	11/12/2002	214429	ALGINATE DIALDEHYDE CROSSLINKED GELATIN AS A WOUND DRESSING MATERIAL	Jayakrishnan Athipettah
75	391/MAS/2003	09/05/2003	214329	A MONOMER PYROMELLITIC DIANHYDRIDE GLYCEROL DIMETHACRYLATE (PMGDM)	Kalliyanakrishnan Venkateswaran Pampadykandathil Philip Lizymol
74	1296/MAS/1997	16/06/1997	212859	A PROCESS FOR PREPARING MODIFIED BIOCOMPATIBLE SPONGE	Prabha Damodaran Nair Rajagopalan Sivakumar
73	1020/MAS/2001	21/12/2001	211919	A PROCESS FOR PRODUCING PLASTICIZED POLYVINYL CHLORIDE (PVC) HAVING IMPROVED RESISTANCE TO LEACH PLASTICIZER	Muthu Jayabalan Pampady Kandathil Philip Lizymol
72	215/MAS/1999	23/02/1999	210688	A PROCESS FOR THE PREPERATION OF IMMUNO ADSORBENT MATRIX FOR HAEMOPERFUSION	Peringatullil Raman Hari, Chandra Prakash Sharma, Willi Paul
71	175/MAS/2002	13/03/2002	210665	ALIPHATIC VIRTUALLY CROSSLINKED, BIOSTABLE POLYURETHANE UREA AND A PROCESS FOR THE PREPARATION THEREOF	Muthu Jayabalan
70	942/MAS/2001	21/11/2001	210652	A FIELD KIT FOR TESTING ANTIBIOTIC SENSITIVITY OF MASTITIC MILK	Payanam Ramachandra Umashankar Arthur Vijayan Lal

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
69	853/MAS/2002	18/11/2002	210639	A PROCESS FOR THE PREPARATION OF POLYURETHANE GRAFT COPOLYMERS	Prabha Damodaran Nair
68	772/MAS/2002	21/10/2002	210632	A RADIOPAQUE GLASS POWDER FOR USE IN DENTAL COMPOSITES	Harikrishna Varma Parimanathu Kovilakam Ramavarma Vinkiteswaran Kalliyanakrishnan Pampadykandathil Philip Lizymol Babu Sivadasan Suresh
67	894/MAS/1998	24/04/1998	208317	A PROCESS FOR THE PREPARATION OF A URETHANE TETRAMETHACRYLATE RESIN MATRIX(UTMA)	Venkateshwara Kalliyanakrishnan Pampadykandathil Philip Lizymol
66	557/MAS/1999	13/05/1999	207547	A RESIN FOR USE IN A DENTINE BONDING AGENT	Venkateswaran Kalliyanakrishnan Pampadykandathil Philip Lizymol
65	825/MAS/2002	11/11/2002	207533	A PROCESS FOR THE PREPARATION OF HEPARIN BONDED POLYOLEFIN	Leister Rowsen Moses
64	558/MAS/1999	13/05/1999	206791	A PROCESS FOR THE PREPARATION OF A PHOTOPOLYMERIZABLE DENTINE BONDING AGENT	Venkateswaran Kalliyanakrishnan Pampadykandathil Philip Lizymol
63	203/MAS/2000	13/03/2000	206774	VENOUS RESERVOIR WITH INTEGRAL CARDIOTOMY RESERVOIR FOR BLOOD OXYGENATOR	Gobichettipalayam Subbaratnam Bhuvaneshwar Muraleedharan Chirathody Vayalappil Divakara panicker Sulochana Nagesh Vijayakumar Harikrishnan
62	1153/MAS/1999	29/11/1999	206761	A BLOOD OXYGENATOR	Gobichettipalayam Subbratnam Bhuvaneshwar Chirathody Vayalappil Muraleedharan Divakara panicker Sulochana Nagesh Harikrishnan Vijayakumar

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
61	2099/MAS/1996	26/11/1996	198863	A PROCESS FOR THE PREPARATION OF A BIOCOMPATIBLE SPONGE	Prabha Damodaran Nair Rajagopalan Sivakumar
60	281/MAS/1997	12/02/1997	198257	A PROCESS FOR PREPARING RUBBER ARTICLES OF LOW FRICTION COEFFICIENT	Roy Joseph Parameswaran Ramesh, Rajagopalan Sivakumar
59	1076/MAS/1995	23/08/1995	193233	A PROCESS FOR TREATING PLASTICIZED POLYVINYL CHLORIDE (PPVC) FOR RETARDING THE MIGRATION OF THE PLASTICIZER	Peringatullil Raman Hari, Chandra Prakash Sharma
58	1615/MAS/1997	21/07/1997	193196	A PROCESS FOR THE PREPARATION OF BIS-GMA	Satyendra Nath Pal Venkateswaran Kalliyanakrishnan Roy Joseph
57	1075/MAS/1995	23/08/1995	192920	A PROCESS FOR TREATING PLASTICIZED POLYINYL CHLORIDE	Peringatullil Raman Hari, Chandra Prakash Sharma
56	173/MAS/2000	03/03/2000	192629	PREPERATION OF A COMPOSITE BIO-CERAMIC MATERIALFOR BIO-MEDICAL APPLICATION	Harikrishna Varma Parimanathu Kovilakam Ramavarma. Suresh Babu Sivadasan
55	335/MAS/2000	04/05/2000	191945	A PROCESS FOR THE PREPERATION OF HEPARIN IMMOBIISED PERICARDIUM	CHANDRA PRAKASH SHARMA, LEISTER ROWSEN MOSES
54	199/MAS/2000	28/03/2000	191944	A PROCESS OF PREPERATION OF A POLY ETHYLENE GLYCOL MODIFIED PERICARDIUM	Chandra Prakash Sharma
53	483/MAS/2000	26/06/2000	191730	A METHOD FOR PRODUCING A CROSSLINKABLE NON-AROMATIC POLYURETHANE POTTING COMPOUND	Muthu Jayabalan, Pampadikandathil Philip Lizy Mol

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52	1586/MAS/1996	11/09/1996	191410	A PROCESS FOR THE PREPERATION OF POLYVINYL ALCOHOL ALGINATE COMPOSITE MATRIX	Kunnatheery Sreenivasan, Kothanda Raman Rethinam, Rajagopalan Sivakumar
51	2697/MAS/1998	30/11/1998	190889	PROCESS FOR THE PREPERATION OF ANTISNAKE VENOM ANTIBODIES	Lissy Kalliyanakrishnan, Mary Vasantha Bai
50	668/MAS/1995	06/06/1995	190106	A PROCESS FOR THE SYNTHESIS OF MOLECULARLY IMPRINTED VINYL POLYMER BY GAMMA IRRADIATION AS SELECTIVE ADSORBENT AND SENSOR COMPONENT	Kunnatheery Sreenivasan
49	316/MAS/1995	16/03/1995	189911	A PROCESS FOR PREPARING A PREPOLYMER ADHESIVE	Muthu Jayabalan Pampady Kandathil Philip Lizymol
48	709/MAS/1995	13/06/1995	189597	MIGRATION RESISTANT PLASTICIZED POLY (VINYL CHLORIDE) (PVC)	Athipettah Jayakrishnan
47	137/MAS/1995	06/02/1995	188511	AN AIR VENTILATOR ALARM FOR A VENT I LATOR OR ART I FICIAL RESPIRATORY SYSTEM	Koruthu Puthenparampil Varughese
46	2862/MAS/1998	24/12/1998	188421	PROCESS FOR THE PREPERATION OF HAEMOSTATIC FIBRIN SHEET FOR WOUND CARE APPLICATION	.Lissy Kalliyanakrishnan, Arthur Vijayan Lal, Rajagopalan Sivakumar
45	224/MAS/1995	24/02/1995	187879	A PROCESS FOR COATING A SILVER COMPOUND	Leister Rowsen Moses, Kunnatheri Sreenivasan, Rajagopalan Sivakumar
44	1206/MAS/1995	18/09/1995	187856	A PROCESS OF PREPERATION OF STEROID LOADED CHOTOSEN BEEDS	Thomas Chandi, Chandra Prakash Sharma

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43	1106/MAS/1995	30/08/1995	187831	A PROCESS OF PREPERATION OF ALIGNATE BEADS FOR ORAL DELIVERY OF PREPERATION S SUCH AS INSULIN AND ALBUMIN	Chandra Prakash Sharma P.R.Hari Thomas Chandi
42	21/MAS/1995	09/01/1995	187792	A URINARY TRACT GUARD FOR THE CONTROL OF BACTERIA	Leister Rowsen Moses Kunnatheri Sreenivasan Rajagopalan Sivakumar
41	448/MAS/1998	05/03/1998	187640	A PROCESS OF PREPERATION OF CALCIUM CALSENATE CONTAINING DRUG	Athipettah Jayakrishnan
40	365/MAS/1998	24/02/1998	187639	A PROCESS FOR THE PREPARATION OF FIBRIN GLUE FROM DONOR PLASMA UNITS	Lizzy Kalliyanakrishnan
39	267/MAS/1994	06/04/1994	184338	DOUBLE UMBRELLA OCCLUDER DEVICE FOR CARDIOVASCULAR APPLICATION	Athipettah Jayakrishnan
38	1679/MAS/1997	25/07/1997	184326	A PROCESS FOR THE PKEPARATION OF A FORMULATION BASED ON NARROW SPECTRUM DRUGS WITH ENHANCED ACTIVITY	Kothanda Raman Rethinam, Ashokan Kuttyil, Kunnatheri Sreenivasan
37	616/MAS/1994	11/07/1994	184323	A BLOOD FILTER	Sathyendranath Pal
36	571/MAS/1997	19/03/1997	184180	A PROCESS FOR THE PREPARATION OF CROSS-LINKED POLYMERS CONTAINING RELATIVELY UNSTABLE DRUG	Kothanda Raman Rethinam, Ashokan Kuttyil, Kunnatheri Sreenivasan
35	197/MAS/1994	21/03/1994	184062	A PROCESS FORTHE PREPARATION OF A TWO COMPONENT PASTE/ LIQUID SYSTEM FOR DENTAL APPLICATIONS	Sathyendra Nath Pal, Venkateswaran Kalliyanakrishnan, Kochu Raghavan Usha, Sukumaran Manu

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34	1618/MAS/1995	08/09/1995	183743	A PROCESS FOR GRAFTING POLYETHYLENE GLYCOL ONTO THE SURFACE OF PLASTICIZED POLY (VINYL) CHLORIDE	Athipettah Jayakrishnan, Lekshmi Sreedharan Nair
33	530/MAS/1993	02/08/1993	182889	A METHOD FOR SURFACE PROCESSING OF POLYSTYRENE PLASTICWARES	Muthu Jayapalan, Chandraprakash Sharma, M.Ravindra Nath
32	40/MAS/1994	24/01/1994	182366	METHOD FOR PREPERATION OF BIO- STABLE AND TISSUE COMPATABLE POLY URETHRENE	Muthu Jayabalan
31	718/MAS/1991	23/09/1991	182221	A PROCESS FOR THE PREPRATION OF HYDROGEL BEEDS FROM CROSS LINKED POLY METHYL ACRILATE	Athipettah Jayakrishnan, Bhagathy Kan Chidimbara Thanoo
30	336/MAS/1995	21/03/1995	181854	A PROCESS FOR THE PREPARATION OF CALCIUM CASEINATE BEADS CONTAINING ANY ORAL DRUG	Athipettah Jayakrishnan
29	22/MAS/1995	09/01/1995	181851	A PROCESS FOR THE PREPARATION OF CALF SERUM FOR TISSUE CULTURE FROM CALF BLOOD	Lizzy Kalliyanakrishnan, Arthur Vijayan Lal George
28	1117/MAS/1994	15/11/1994	181625	A PROCESS FOR THE PREPARATION OF HYDROXYAPATITE POWDERS FOR APPLICATIONS SUCH AS IN BIOCERAMICS	Harikrishna Varma Parimanathu Kovilakom Ramavarma, Rajagopalan Sivakumar
27	1126/MAS/1994	17/11/1994	181366	A PROCESS FOR PRODUCING SILVER COMPOUND INCORPORATED SILICONE RUBBER	Leister Rowsen Moses, Kunnathery Sreenivasan, Rajagopalan Shivakumar
26	279/MAS/1993	26/04/1993	181364	A PROCESS FOR THE PREPARATION OF A VISIBLE LIGHT CURED COMPOSITE FOR DENTAL RESTORATIVE PURPOSES	Sathyendranath Pal, Venkateswaran Kalliyanakrishnan, Roy Joseph

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25	1118/MAS/1994	15/11/1994	181310	A PROCESS FOR THE PREPERATION OF -TRICALCIUM PHOSPHATE (BTCP) POWDER	Harikrishna Varmaparimanathu Kovilakom Ramavarma, Rajagopalan Sivakumar
24	311/MAS/1995	15/03/1995	181210	A PROCESS FOR PREPARING AN IMPROVED DENTAL PASTE FOR USE IN THE PREPARATION OF FILLING CEMENT FOR INSTANT APPLICATION	Sathyendra Nath Pal, Venkateswaran Kalliyanakrishnan, Ashima Valyathan, Manikandan Savithri Amma Sheela, Krishna Thamarai Selvi
23	329/MAS/1992	28/08/1992	180653	IMPROVEMENT IN OR RELATING TO PROSTHETIC CARDIAC VALVE AND TO THE METHOD OF MANUFACTURING SAME	Gopichettipalayam Subbaratnam Bhuvaneshwar, Chirathodil Vyalappil Muraleedharan, Omana Amma Sreedharan Nair Neelakantan Nair
22	774/MAS/1991	18/05/1993	180414	PROCESS FOR THE PREPARATION OF AN IMPROVED DENTAL PASTE	Sathyendra Nath Pal, Venkateswaran Kalliyanakrishnan, Ashima Valyathan, Sheeja Manikandan Savithri Amma, Krishna Thamarai Selvi
21	752/MAS/1991	08/01/1993	180411	MEDIA STINAL DRAINAGE DEVICE	Harikrishnan Vijayakumar, Balakrishnan Ajithkumar, Shekara Pillai Vijayan, Chandra Vilasam Parameswaran Narayanan Nair
20	751/MAS/1991	08/01/1993	180298	EPIDURAL SENSOR FOR USE IN INTRA CRANIAL PRESSURE MONITORING SYSTEM	Gopichettipalayam Subaretnam Bhuvaneshwar, Muraleedharan Chirathody Vylappil
19	715/MAS/1991	23/09/1991	180294	IMPROVED HUMIDIFIER OR AIR/OXYGEN OR OTHER GASES	Gopichettipalayam Subbaretnam Bhuvaneshwar, Muraleedharan Chirathodil vyalappil, Radhakrishnapillai Sreekumar, Leister Rowsen Moses
18	924/DEL/1990	18/09/1990	180185	A HYDROCEPHALUS SHUNT VALVE	Gopichettipalayam Subbaretnam Bhuvaneshwar, Sathyendra Nath Pal, Muraleedharan Chirathodil Vyalappil, M. Muraleedharan

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17	656/MAS/1991	02/09/1991	179881	PROCESS FOR THE PREPRATION OF HEMODIALISIS MEMBERANE	Chandra Prakash Sharma Willi Paul
16	1125/MAS/1994	17/11/1994	179825	A PROCESS FOR THE PREPRATION OF SILVEROXIDE INCORPORATED ANTIMICROBIAL POLYMER	Kunnatheri Sreenivasan, Leister Rowsen Moses, Rajagopalan Sivakumar
15	669/MAS/1991	6/09/1991	179613	A PROCESS FOR THE PREPERATION OF POLYMERIC MEMBRANES	Thomas Chandi, Chandra Prakash Sharma
14	717/MAS/1991	23/09/1991	179451	A PROCESS FOR THE PREPERATION OF UNCROSS LINKED AND CROSS LINKED PMMA MICROSPHERES	Athi Pettah Jayakrishnan, Bhagavathy Kan Chidambara Thanoo
13	531/MAS/1993	02/08/1993	178049	A PROCESS FOR THE PREPRATION OF BIOCOMBATIBLE HYDROXY APATITE	Willi Paul, Chandra Prakash Sharma, Rajagopalan Shiva Kumar
12	930/MAS/1990	20/11/1990	178044	A PROCESS FOR PRODUCING IMPROVED MIGRATION RESISTANT PLASTICIZED POLYVINYL CHLORIDE	Venkateswaran Kalliyanakrishnan, Athipettah Jayakrishnan, Joseph.D.Francis
11	531/MAS/1990	02/07/1990	177753	A PROCESS FOR THE MANUFACTURE OF SPHERICAL HIGHLY PORUS BEEDS OF POLYMERS	Athipettah Jayakrishnan, Bhagavathy Kan Chidambara Thanoo
10	50/MAS/1993	28/01/1993	175079	PROCESS FOR PREPAIRING IMPROVED BONE WAX	Satyendra Nath Pal, Cheruvila Velu Achari Muraleedharan
9	578/MAS/1991	31/07/1991	174130	A PROCESS FOR THE PREPRATION OF ANI ALPHA- GEL FROM OUTDATED HUMEN PLASMA	Padinjaredathu Sankunni Appukuttan, Paliakkara Lona Jaison

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8	3/MAS/1990	02/04/1991	174077	RIGID SHELL BUBBLE TYPE BLOOD OXYGENATOR	Balakrishnan Nair Ajith Kumar, Divakara Panicker Sulochana Nagesh, Omana Amma Sreedharan Nair Neelakandan Nair Aswath Narayanan Venkata Remani, Ranjith Divakaran, Harikrishnan Vijayakumar
7	915/MAS/1988	19/03/1990	171685	IMPROVED RIGID SHELL CARDIOTOMY RESERVOIR	Balakrishnan Nair Ajithkumar, Divakara Panicker Sulochana Nagesh, Omana Amma Sreedharan Nair Neelakandan Nair, Aswath Narayanan Venkata Remani, Divakaran Renjith, Harikrishnan Vijayakumar
6	671/MAS/1986	21/08/1986	167706	AN IMPROVED HEART VALVE ASSEMBLY	Gopichettipalayam Subbaretnam Bhuvaneshwar
5	607/MAS/1985	06/08/1985	165269	BLOOD OXYGENATOR INTEGRAL WITH CARDIOTOMY RESERVOIR	Venkateswara Subrahmanya Venkatesan
4	606/MAS/1985	06/08/1985	165268	SOFT SHELL BLOOD OXYGENATOR MADE OF SYNTHETIC MATERIAL	Venkateswaran Subramanya Venkatesan
3	165/MAS/1983	29/07/1983	160621	IMPROVEMENT IN/OR RELATING TO BLOOD STORAGE CONTAINERS OR BAG	Satheyandra Nath Pal
2	46/MAS/1984	31/01/1984	159244	AN IMPROVED HEART VALVE ASSEMBLY	Gopichettipalayam Subbaretnam Bhuvaneshwar

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1	171/MAS/1983	08/08/1983	158414	A CARDIOTOMY RESERVOIR FOR FILTRATION AND RECIRCULATION OF BLOOD	Venkateswaran Subramanya Venkatesan