



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

**(An Institute of National Importance under Govt. Of India)**

**[Email- ipcell@sctimst.ac.in](mailto:ipcell@sctimst.ac.in); Website—[www.sctimst.ac.in](http://www.sctimst.ac.in)**

**FOREIGN PATENTS FILED**

INTELLECTUAL PROPERTY RIGHT CELL,  
TECHNOLOGY BUSINESS DIVISION,  
DEPARTMENT OF TECHNOLOGY & QUALITY MANAGEMENT

## Foreign Patents Filed

SL NO	APPL NO	Date of filing	TITLE OF INVENTION	INVENTORS	APPLICANT	COUNTRY
1.	13575756 (PCT/IN2011/000052)	24/01/2011	METHOD FOR IN- VIVO BINDING OF CHROMATIN FRAGMENTS	Indraneel Mitra, Sharma Chandra Prakash, Mannemcherril Ramesan Rekha, Gopichettipalayam Subbaratnam Bhuvaneshwar, Kavita Anirban Pal	TATA MEMORIAL CENTRE	US*
2.	17/253,443 (United States) (PCT/IN2018/050642) Publication Date 19/08/2021	17/12/2020	IMPLANTABLE ATRIAL SEPTAL DEFECT OCCLUSION DEVICE WITH WOVEN CENTRAL SECTION ON LEFT ATRIAL FLANGE	Sujesh Sreedharan, Jijo Jerard, Liji Geetha Vijayan, Dr. Bijulal Sasidharan	TRC	US
3.	P6000984/2020(UAE) (PCT/IN2018/050879) Publication Date 04/07/2019 WIPO	29/06/2020	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	TRC	UAE
4.	OM/P/2020/271 (Oman) (PCT/IN2018/050879) Publication Date 04.07.2019 WIPO	02/07/2020	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	TRC	Oman
5.	18834068.1(European union) (PCT/IN2018/050879) Publication Date 04/11/2020	06/07/2020	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	TRC	European union
6.	17/266,898 (PCT/IN2019/050578) 06.09.2022	08/02/2021	RECOMBINANT TRANSFORMING GROWTH FACTOR ALPHA (TGFA) FOR VARIOUS WOUND HEALING APPLICATIONS AND THE PROCESS THEREOF.	Anoopkumar Thekkuveetil Salini Bhasker Geethu Shaji	TRC	US
7.	17/925,385 PCT/IN2021/050453	15.11.2022	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	Institute Fund	USA

8.	PCT/IN2025/051357	27.08.2025	CERAMIC BARRIER FOR REDUCING METAL ION ELUTION FROM METAL-BASED CORONARY STENTS AND A METHOD OF MANUFACTURING THE SAME	SUBHASH NEYYATTINKARA NEELAKANDAN, SUJESH SREEDHARAN, MURALEEDHARAN CHIRATHODY VAYALAPPIL	INVASIVE TECHNOLOGIES PVT LTD	PCT
9.	PCT/IN2024/051526	20/02/2026	NANOZYME BASED LATERAL FLOW ASSAY DEVICE	Dr. JAYASREE R.S, SARATHKUMAR ELANGO VAN	Institute Fund	Japan
10.	BR 11 2026 004058 0. PCT/IN2024/051526	24/02/2026	NANOZYME BASED LATERAL FLOW ASSAY DEVICE	Dr. JAYASREE R.S, SARATHKUMAR ELANGO VAN	Institute Fund	Brazil
11.	PCT/IN2024/051526	24/02/2026	NANOZYME BASED LATERAL FLOW ASSAY DEVICE	Dr. JAYASREE R.S, SARATHKUMAR ELANGO VAN	Institute Fund	China