



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

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FOREIGN PATENTS GRANTED

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TECHNOLOGY BUSINESS DIVISION,
DEPARTMENT OF TECHNOLOGY & QUALITY MANAGEMENT

PATENTS GRANTED (FOREIGN)

SL NO	PATENT NO	DATE OF GRANT	TITLE OF INVENTION	INVENTORS	APPLICANT	COUNTRY
1.	5458826	17/10/1995	METHOD FOR PRODUCING HEART VALVE DISC	Gopichettipalayam Subbaratnam Bhuvaneshwar Muraleedharan Chirathody Vyalappil Omana Amma Sreedharan Nair Neelakantan Nair	SCTIMST	US*
2.	6309999	30/10/2001	PROCESS FOR THE PREPARATION OF AN IMMUNOADSORBENT MATRIX	Chandra Prakash Sharma, Peringatullil Raman Hari, Willi Paul	NRDC*	US*
3.	6610330	26/08/2003	ANTI-DIABETIC AGENT OBTAINED FROM THE PLANT HUMBOLDTIA DECURRENS AND A PROCESS FOR PREPARING THE SAME	Janaswamy Madhusudhana Rao, Mangattu Achuthankunju Sumathy Kutty, Gopalan Nair Vijay, Alathur Damodaran, Kothanda Raman Rathinam, Rajagopal Sivakumar, Kottillil Mohan Das, Narayana Pillai Viswanathan Nair	CSIR,* SCTIMST, KIRTADS*	US*
4.	2001242730	18/02/2005	ANTI-DIABETIC AGENT OBTAINED FROM THE PLANT HUMBOLDTIA DECURRENS AND A PROCESS FOR PREPARING THE SAME	Janaswamy Madhusudhana Rao, Mangattu Achuthankunju Sumathy Kutty, Gopalan Nair Vijay, Alathur Damodaran, Kothanda Raman Rathinam, Rajagopal Sivakumar, Kottillil Mohan Das, Narayana Pillai Viswanathan Nair	CSIR,* SCTIMST, KIRTADS*	Australia
5.	100418544	17/9/2008	ANTI-DIABETIC AGENT OBTAINED FROM THE PLANT HUMBOLDTIA DECURRENS AND A PROCESS FOR PREPARING THE SAME	Janaswamy Madhusudhana Rao, Mangattu Achuthankunju Sumathy Kutty, Gopalan Nair Vijay, Alathur Damodaran, Kothanda Raman Rathinam, Rajagopal Sivakumar, Kottillil Mohan Das, Narayana Pillai Viswanathan Nair	CSIR,* SCTIMST, KIRTADS*	China
6.	EP1359926	06/10/2006	ANTI-DIABETIC AGENT OBTAINED FROM THE PLANT HUMBOLDTIA DECURRENS AND A PROCESS FOR PREPARING THE SAME	Janaswamy Madhusudhana Rao, Mangattu Achuthankunju Sumathy Kutty, Gopalan Nair Vijay, Alathur Damodaran, Kothanda Raman Rathinam, Rajagopal Sivakumar, Kottillil Mohan Das, Narayana Pillai Viswanathan Nair	CSIR,* SCTIMST, KIRTADS*	European union states

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7.	7300962	27/11/2007	HYDROGELS FORMED BY NON-COVALENT LINKAGES	Buddy.D.Ratner Prabha.D.Nair Maximiliane Silvia Boeckl Elizabeth Reeves Leber	UW	US*
8.	6949590	27/09/2005	HYDROGELS FORMED BY NON-COVALENT LINKAGES	Buddy.D.Ratner Prabha.D.Nair Maximiliane Silvia Boeckl Elizabeth Reeves Leber	UW	US*
9.	7105580	12/09/2006	PORUS STRUCTURES FOR GROWING LIVING TISSUE AND METHODS OF MANUFACTURE	Prabha.D.Nair Buddy.D.Ratner Viola Vogel Robert.M.Nerem	UW	US*
10.	4822355	18/04/1989	HEART VALVE ASSEMBLY	Gopichettipalayam Subbaratnam Bhuvaneshwar	SCTIMST	US*
11.	EP0265533	18/04/1988	HEART VALVE ASSEMBLY	Gopichettipalayam Subbaratnam Bhuvaneshwar	NRDC	EP*
12.	EP1924248	25/09/2014	pH SENSITIVE NANO PARTICLE FORMULATION FOR ORAL DELIVERY OF PROTEIN/PEPTIDES	Chandra Prakash Sharma, Mannemcherril Ramesan Rekha	CSIR* NMITLI	EP*
13.	CA 2621641	21/10/2014	pH SENSITIVE NANO PARTICLE FORMULATION FOR ORAL DELIVERY OF PROTEIN/PEPTIDES	Chandra Prakash Sharma, Mannemcherril Ramesan Rekha	CSIR* NMITLI	CA*
14.	JP.5080474.B	21/11/2012	pH SENSITIVE NANO PARTICLE FORMULATION FOR ORAL DELIVERY OF PROTEIN/PEPTIDES	Chandra Prakash Sharma, Mannemcherril Ramesan Rekha	CSIR* NMITLI	JP*
15.	09096655	04/08/2015	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*
16.	EP0622060	20.09.2000	IMPROVEMENT IN OR RELATING TO PROSTHETIC CARDIAC VALVE AND TO THE METHOD OF MANUFACTURING SAME.	Gopichettipalayam Subbaratnam Bhuvaneshwar, Chirathody Vayalappil Muraleedharan Omana Amma Sreedharan Nair Neelakantan Nair	NRDC*	EP*

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17.	JP.3468794.B	17.11.2003	IMPROVEMENT IN OR RELATING TO PROSTHETIC CARDIAC VALVE AND TO THE METHOD OF MANUFACTURING SAME.	Gopichettipalayam Subbaratnam Bhuvaneshwar, Chirathody Vayalappil Muraleedharan Omana Amma Sreedharan Nair Neelakantan Nair	NRDC*	JP*
18.	10,004,698	26.06.2018	FIBRIN WAFER/DISC AS A BIOLOGICAL CARRIER FOR SUSTAINED DELIVERY OF CURCUMIN JOINT APPLICATION WITH ICMR SCTIMST	Lissy Kalliyana krishnan Lakshmi Sreedharan Pillai	ICMR	US*
19.	10,849,983	12/01/2020	DEVELOPMENT OF SOLUBLE ALBUMINATED CURCUMIN FOR APPLICATION IN CANCER THERAPY JOINT APPLICATION WITH ICMR & SCTIMST	Lissy Kalliyana krishnan Christina Thomas	ICMR	US*
20.	2021/02576	26.01.2022	A SELF EXPANDING FLOW DIVERSION DEVICE WITH ENHANCED KINK RESISTANCE AND RADIAL STRENGTH	Sujesh Sreedharan Anku Sreekumar Sreehari Unnikrishnan Nair	TRC	South Africa