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TRIVANDRUM –12**

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FOREIGN PATENTS GRANTED

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DEPARTMENT OF TECHNOLOGY & QUALITY MANAGEMENT

PATENTS (FOREIGN)

SL NO	PATENT NO	APPL NO	Date of filing	TITLE OF INVENTION	INVENTORS	APPLICANT	COUNTRY
1.	5458826	08/63915	17/05/1993	METHOD FOR PRODUCING HEART VALVE DISC	Gopichettipalayam Subbaratnam Bhuvaneshwar Muraleedharan Chirathody Vyalappil Omana Amma Sreedharan Nair Neelakantan Nair	SCTIMST	US*
2.	6309999	09/272304	19/03/1999	PROCESS FOR THE PREPARATION OF AN IMMUNOADSORBENT MATRIX	Chandra Prakash Sharma, Peringatullil Raman Hari, Willi Paul	NRDC*	US*
3.	6610330	09/993028	06/11/2001	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	2001242730B2	16/02/2001	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	01801640.5	16/02/2001	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

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SL NO	PATENT NO	APPL NO	Date of filing	TITLE OF INVENTION	INVENTORS	APPLICANT	COUNTRY
6.	EP1359926	WO2002072122	16/02/2001	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
7.	7300962	11/199,613	09/08/2005	HYDROGELS FORMED BY NON-COVALENT LINKAGES	Buddy.D.Ratner Prabha.D.Nair Maximiliane Silvia Boeckl Elizabeth Reeves Leber	UW	US*
8.	6949590	10/339,777	09/01/2003	HYDROGELS FORMED BY NON-COVALENT LINKAGES	Buddy.D.Ratner Prabha.D.Nair Maximiliane Silvia Boeckl Elizabeth Reeves Leber	UW	US*
9.	7105580	10/314453	05/12/2002	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	07/210,165	21/06/1988	HEART VALVE ASSEMBLY	Gopichettipalayam Subbaratnam Bhuvaneshwar	SCTIMST	US*
11.	EP0265533	EP19860114840 19861025	25/10/1986	HEART VALVE ASSEMBLY	Gopichettipalayam Subbaratnam Bhuvaneshwar	NRDC	EP*
12.	EP1924248	05856290.1	30/12/2005	pH SENSITIVE NANO PARTICLE FORMULATION FOR ORAL DELIVERY OF PROTEIN/PEPTIDES	Chandra Prakash Sharma, Mannemcherril Ramesan Rekha	CSIR* NMITLI	EP*
13.	CA 2621641	PCT/IN2005/000460	30/12/2005	pH SENSITIVE NANO PARTICLE FORMULATION FOR ORAL DELIVERY OF PROTEIN/PEPTIDES	Chandra Prakash Sharma, Mannemcherril Ramesan Rekha	CSIR* NMITLI	CA*
14.	JP.5080474.B	JP2008530755A	30/12/2005	pH SENSITIVE NANO PARTICLE FORMULATION FOR ORAL DELIVERY OF PROTEIN/PEPTIDES	Chandra Prakash Sharma, Mannemcherril Ramesan Rekha	CSIR* NMITLI	JP*

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15.	09096655	13575756	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*
16.	EP0622060	93303377.1	29/04/1993	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*
17.	JP.3468794.B	JP121569/93	24/05/1993	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	1516/CHE/2013 PCT/IN2014/000300 14/888,185	05/05/2014	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	2200/CHE/2013 PCT/IN2014/000338 14/892,164	20/05/2014	DEVELOPMENT OF SOLUBLE ALBUMINATED CURCUMIN FOR APPLICATION IN CANCER THERAPY JOINT APPLICATION WITH ICMR & SCTIMST	Lissy Kalliyana krishnan Christina Thomas	ICMR	US*
20.	Accepted for Grant. Published in SA	2021/02576 (PCT/IN2019/050936)	19/04/2021	A SELF EXPANDING FLOW DIVERSION DEVICE WITH ENHANCED KINK	Sujesh Sreedharan Anku Sreekumar Sreehari Unnikrishnan Nair	TRC	South Africa

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SL NO	PATENT NO	APPL NO	Date of filing	TITLE OF INVENTION	INVENTORS	APPLICANT	COUNTRY
	Journal. Patent certificate yet to be received			RESISTANCE AND RADIAL STRENGTH			