APPENDIX - 2

PATENTS
(01.04.2012 – 31.03.2013)
Patents Filed in India

Sr. No	Title	Filing Date	Application No.	Inventors
1	Improvement in power conversion efficiency in conjugated polymer modified ptb7- pc60bm based bulk heterojunction solar cells	27/08/2012	2650del2012	Gupta Vinay, Bharti Vishal, Chaudhary Neeraj, Chand Suresh
2	Light weight carbon foam as electromagnetic interference (emi) shielding and thermal interface material for aerospace applications	26/11/2012	3615del2012	Sanjay Rangnath Dhakate, Rajeev Kumar, Rakesh Behari Mathur, Parveen Saini
3	Development of specific method to identify inorganic phosphate (used as an adulterant) in milk	01/06/2012	1582del2011	Ajit Kumar Sarkar, Niranjan Singh, RC Sharma
4	Lithium metal quinolates and process for preparation thereof as good emitting, interface materials as well as n-type dopent for organic electronic devices	27/06/2012	1746del2011	Kamalasanan M.N., Srivastava Ritu, Amit Kumar, Ishwar Singh, Dhawan S.K., Bawa S.S.
5	A low cost compact mixed flow relative humidity generator	14/12/2012	3859del2012	Ashok Kumar, Hari Kishan, Bhikham Singh
6	Mixed flow relative humidity generator	7/12/2012	3769del2012	Hari Kishan, Bhikham Singh, Ashok Kumar, Shiv Dutt Sharma
7	Light weight high electromagnetic interference (emi) shielding material based on carbon nanotubes reinforced polymer composites	21/06/2012	1793del2011	Singh Bhanu Pratap, Garg Parveen, Pande Shailaja, Mathur Rakesh Behari, Saini Parveen, Dhawan Sundeep Kumar

Patents Filed Abroad

Sr No	Title	Country	Filing Date	Application No.	Inventors
1	Lithium metal quinolates and process for preparation thereof as good emitting, interface materials as well as n-type dopent for organic electronic devices	US	21/06/2012	13/529815	Kamalasanan Modeeparampil Narayanan, Srivastava Ritu, Amit Kumar, Ishwar Singh, Dhawan Sandeep Kumar, Bawa Sukhwant Singh

Sr No	Title	Country	Filing Date	Application No.	Inventors
2	An improved process to deposit diamond like carbon as protective coating on inner surface of bottles	EP	30/01/2013	13000454.2	Kumar Sushil, Dixit Prakash Narain, Rauthan Chandra Mohan Singh
3	A process for the removal of arsenic and chromium from water	Rep. of South Africa	27/7/2012	2011/00701	Nahar Singh, Rashmi, Sukhvir Singh,Daya Soni, Renu Pasricha, Prabhat K. Gupta

Patents Granted in India

Sr No	Title	Grant Date	Patent No.	Inventors
1	Monoclinic $CeTiO_2O_6$ thin film and a sol-gel process for the preparation thereof	08/08/2012	253634	Verma Amita, Agnihotry Suhasini Avinash, Bakshi Ashok Kumar
2	A process for the preparation corrosion protection copolymer coating of iron based surfaces	07/09/2012	253963	Dhawan SK, Singh N
3	A proces for the preparation of improved fibrous activated carbon useful for the filtration of carcinogenic vapours in tobacco based smoking devices	18/09/2012	254077	Jagan Nath Bohra, Ranjan Koyhari, Rajiv Kumar Saxena, Ranbir Singh, Erode Subramanian Raja Gopal

Patents Granted Abroad

S. No	Title	Country	Grant Date	Patent No.	Inventors
1	Monoclinic $CeTiO_2O_6$ thin film and a sol-gel process for the preparation thereof	JP	18/05/2012	4995839	Verma Amita, Agnihotry Suhasini Avinash, Bakhshi Ashok Kumar
2	A novel method for joining oxide-superconducting tubes with a superconducting joint	JP	18/05/2012	4995284	Ekbote Shrikant Narayan, Padam Gursharan Kaur, Arora Narendra Kumar, Sharma Mukul, Sethi Ramesh
3	Device useful as a master/ slave clock for transmitting standard time over a telephone network and a telephone network incorporating the device for transmitting and receiving standard time	EP	13/06/2012	0851324	Banerjee P

S. No	Title	Country	Grant Date	Patent No.	Inventors
4	Device useful as a master/ slave clock for transmitting standard time over a telephone network and a telephone network incorporating the device for transmitting and receiving standard time	FR	13/06/2012	0851324	Banerjee P
5	Device useful as a master/ slave clock for transmitting standard time over a telephone network and a telephone network incorporating the device for transmitting and receiving standard time	DE	13/06/2012	0851324	Banerjee P
6	Device useful as a master/ slave clock for transmitting standard time over a telephone network and a telephone network incorporating the device for transmitting and receiving standard time	SE	13/06/2012	0851324	Banerjee P
7	Device useful as a master/ slave clock for transmitting standard time over a telephone network and a telephone network incorporating the device for transmitting and receiving standard time	IT	13/06/2012	0851324	Banerjee P
8	Device useful as a master/ slave clock for transmitting standard time over a telephone network and a telephone network incorporating the device for transmitting and receiving standard time	GB	13/06/2012	0851324	Banerjee P
9	Conducting copolymer ferromagnetic composite and a process for the preparation thereof	US	02/10/2012	8277690	Dhawan; Sundeep Kumar, Singh; Kuldeep, Sobti; Nikhil, Ohlan; Anil, Saini; Parveen, Gupta; Beena, Pant; Rajendra Prasad, Kotnala; Ravinder Kumar, Hari; Kishan, Kothari; Prafulla Chandra

S. No	Title	Country	Grant Date	Patent No.	Inventors
10	Sol-gel process for the preparation of nanocrystalline ceti2o6 powder	US	08/01/2013	8349284	Verma; Amita, Agnihotry; Suhasini Avinash
11	A novel method for joining oxide-superconducting tubes with a superconducting joint	US	06/11/2012	8304372	Ekbote Shrikant Narayan, Padam Gursharan Kaur, Arora Narendra Kumar, Sharma Mukul, Sethi Ramesh
12	Process for the preparation of low contact resistant contact on a high transition temperature superconductors	US	06/11/2012	US8306590	Shrikant Ekbote, Gurusharan Kaur Padam, Narendra Kumar Arora, Mukul Sharma, Ramesh Sethi, Mrinal Kanti Banerjee
13	Development of thick film ceramic gas sensor:lpg gas sensor	AP	22/10/2012	AP2499	Vipin Kumar, Jain Kiran, Lakshmikumar S T, Raghavendra T
14	A simulation circuit layout design for low voltage, low power and high performance type ii current conveyor for analog signal processing applications	JP	22/06/2012	5021866	Rajput S S, Jamur S S
15	A process for joining a pair of tubes of oxide superconductors	JP	18/05/2012	4995284	Ekbote Shrikant Narayan, Padam Gursharan Kaur, Arora Narendra Kumar, Sharma Mukul, Sethi Ramesh
16	Process for the preparation of a low contact resistance on high transition temperature superconductors" (a product patent)	US	06/11/2012	8306590	S N Ekbote, G K Padam, N K Arora, M Sharma R Sethi and M K Banerjee
17	An automated dead weight force machine useful for calibrating strain gauge load cells	DE	07/03/2013	10 2007 036 214	K K Jain, HP Poddar, RP Singhal