

2009 – 10

Granted in India

S. NO.	NFNO	TITLE	INVENTORS	PROV FILING DATE	COMP FILING DATE	APPLICATION NO.	GRANT DATE	PATENT NO.
1	0544NF2002/IN	PROCESS FOR THE PREPARATION OF DIPHENIC ACID	TIWARI KAUSHAL KISHORE, BIT KAMARES CHANDRA, THAKUR SANJAY KUMAR, MISHRA KAMLESH KUMAR, RAO SUKURU RAMKRISHNA	---	22/07/2004	02133DELNP2004	27/05/2009	234412
2	0418NF2001/IN	A COMPOSITION FOR MAKING SLURRY EXPLOSIVE USEFUL FOR PERIMETER BLASTING IN TUNNELING	PINGUA BMP, NABIULLAH, JAGDISH, JETHWA JL	---	21/03/2002	0287DEL2002	26/08/2009	235781
3	0465NF2002/IN	A PROCESS FOR THE PREPARATION OF AN IMPROVED IRON CATALYST USEFUL FOR PRODUCTION WAX FROM SYNTHESIS GAS	BASU S, BASU SB, BASU PK, BATTACHARJEE U, NANDI GC	---	08/11/2002	1123DEL2002	23/12/2009	237506

2010 – 11

Granted in India

SNo	NFNO	Title	Inventors	Prov. Filing Date	Comp. Filing Date	Application No.	Gtant Date	Patent No.
1	0213NF2004/IN	A COMPOSITION FOR HERBAL FACE CREAM SUITABLE FOR OILY SKIN	RAJ SHEKHAR SINGH,DR. JAGDISH, SHAILENDRA KUMAR SINGH, DEBJIT PAL	---	04/06/2004	1028DEL2004	10/05/2010	240420
2	0034NF2004/IN	A DEVICE USEFUL FOR SUPPORTING UNDERGROUND MINE TUNNELS/ROADWAYS	SUDHIR KUMAR KASHYAP, SUBHASHISH TEWARI, SHANKAR PRASAD	---	04/06/2004	1026DEL2004	19/05/2010	240619
3	0101NF1999/IN	A SLURRY EXPLOSIVE COMPOSITION FOR OPEN CAST MINES AND OTHER EXCAVATION WORKS	BRAJ MOHAN PAT PINGUA,NABIULLAH,JAGDISH	---	16/03/2004	0475DEL2004	10/06/2010	240950
4	0228NF2004/IN	A DEVICE FOR LOADING BLASTED COAL FORM THE WORKING FACE IN CONVENTIONAL LONGWALL MINING	SUDHIR KUMAR KASHYAP, SUBHASHISH TEWARI, SHANKAR PRASAD	---	11/06/2004	1101DEL2004	17/06/2010	241105
5	0227NF2004/IN	A DEVICE FOR COLLECTING AIR BORNE DUST GENERATED BY MOVING VEHICLES	SUDHIR KUMAR KASHYAP, SUBHASHISH TEWARI	---	11/06/2004	1099DEL2004	20/07/2010	241684
6	0011NF2000/IN	DEVELOPMENT OF A PROCESS FOR THE DESULPHURISATION OF DIESEL BY OXIDATION AND SOLVENT EXTRACTIN UNDER AMBIENT CONDITIONS	Lal Chand Ram, Rajiv Ranjan Prasad roy, Somnath Mukherjee, Gulab Singh	---	26/12/2000	1203DEL2000	18/08/2010	242184
7	0300NF2001/IN	AN IMPROVED HYDRO MECHANICAL CHOCK USEFUL FOR SUPPORTING UNDERGROUND MINE ROOF/TUNNELS	MAITY S, PRASAD S, TEWARI S	---	30/10/2001	1088DEL2001	20/08/2010	242288

2011 – 12

Granted in India

S. NO.	NFNO	TITLE	INVENTORS	PROV FILING DATE	COMP FILING DATE	APPLICATION NO.	GRANT DATE	PATENT NO.
1	0268NF2004/IN	AN IMPROVED DEVICE USEFUL FOR MEASURING CONVERGENCE OF THE ROOF IN A MINE FASTER AND MORE ACCURATELY	SUDHIR KUMAR KASHYAP, SUBHASHISH TEWARI		29/10/2004	2140DEL2004	23/02/2012	251110
2	0075NF2004/IN	AN AUTONOMOUS CONTROL SYSTEM FOR SHEARER-LOADER IN UNDERGROUND LONGWELL COAL MINES	LAKSHMI KANTA BANDYOPADHYAY, GAUTAM BANERJEE, SWADES KUMAR CHAULYA		04/06/2004	1025DEL2004	24/02/2012	251125

2012 – 13

Granted in India

S. NO.	NFNO	TITLE	INVENTORS	PROV FILING DATE	COMP FILING DATE	APPLICATION NO.	GRANT DATE	PATENT NO.
	0390NF2003/IN	A METHOD FOR IN-HOLE DELAY SOLID BLASTING	ASHOKE KUMAR CHAKRABORTY, MORE RAMULU, AUTAR KRISHEN RAINA, PARTHO BISWAPATI CHOUDHARY, CHIRANJIB BANDOPADYAY BANDOPADYAY		11/03/2004	0417DEL2004	09/04/2012	251817
	0229NF2002/IN	A METHOD OF XTRACTION OF DIMETHYLPHTHALATE	KUMARES CHANDRA BIT		05/03/2003	0213DEL2003	28/08/2012	253834
	0265NF2004/IN	AN EMULSION COMPOSITION USEFUL FOR BLASTING HARD STRATA EXCAVATION WORK	EMRANUZZAMAN, NABIULLAH, JAGDISH, BRAJ MOHAN PAT PINGUA		20/10/2004	2060DEL2004	19/09/2012	254098

2013 – 14

Granted in India: NIL

2014-15

Granted in India

S. NO.	NFNO	TITLE	INVENTORS	PROV FILING DATE	COMP FILING DATE	APPLICATION NO.	GRANT DATE	PATENT NO.
1	0215NF2005/IN	A MOVABLE ROOF SUPPORT CANOPY AS A SAFEGUARD FOR WORKING UNDER FRESH ROOF IN AN ADVANCING MINE OR TUNNEL	MaitySibnath, Paul Biswajit		22/Mar/2006	0774DEL2006	28/May/2014	260373
2	0454NF2004/IN	A METHOD FOR SOLID BLASTING IN UNDERGROUND COAL MINESUSING SPACER AIDED-INITIATION (SAI) TECHNIQUE	Sanjay Kumar Roy, Rajeev Ranjan Singh		14/Jun/2005	1538DEL2005	14/Oct/2014	263217

2015 - 16

Granted in India

S. NO.	NFNO	TITLE	INVENTORS	PROV FILING DATE	COMP FILING DATE	APPLICATION NO.	GRANT DATE	PATENT NO.
1	0129NF2006/IN	A DEVICE FOR MEASURING ROOF CONVERGENCE IN UNDER-GROUND COAL MINES/TUNNELS	KUSHWAHA ANGAD, KASHYAP SUDHIR KUMAR, SINGH SATYENDRA KUMAR, TEWARI SUBHSHISH, BHATTACHRJEE RANA		22/Aug/2006	1890DEL2006	23/Apr/2015	266305

2	0326NF2004/IN	A DEVICE FOR ATTACHMENT TO HAND HELD DRILLING MACHINE TO PREVENT FALLING OF COAL ON THE FACE OF WORKERS DURING VERTICAL DRILLING IN UNDERGROUND MINE ROOFS	SUDHIR KUMAR KASHYAP, SUBHASHISH TEWARI		09/Nov/2004	2236DEL2004	17/Jun/2015	266941
3	0418NF2004/IN	AN EMULSION COMPOSITION FOR MEDIUM AND HARD STRATA EXCAVATION WORK	BRAJ MOHAN PAT PINGUA, MD NABIULLAH, JAGDISH		14/Feb/2005	0311DEL2005	20/Jul/2015	267447
4	0214NF2004/IN	AN EQUIPMENT FOR COLLECTING AN UNBIASED COAL SAMPLE FROM OPEN RAILWAY WAGONS FOR QUALITY ANALYSIS	SUDHIR KUMAR KASHYAP, SUBHASHISH TEWARI		14/Sep/2004	1733DEL2004	24/Jul/2015	267586
5	0306NF2005/IN	A STOWING BUNKER FOR HYDRAULIC STOWING OF SAND OR POND ASH IN COAL MINES	PANDEY JAI KRISHNA, KASHYAP SUDHIR KUMAR, KUMBHAKAR DILIP, TEWARI SUBHASHISH		22/Mar/2006	0772DEL2006	07/Aug/2015	267936
6	0294NF2005/IN	A MULTI -POINT ANCHORING SYSTEM FOR GROUNDED-TYPE BOREHOLE EXTENSOMETERS FOR STRATA MOVEMENT MEASUREMENT IN UNDERGROUND EXCAVATION	LOUI JOHN PORATHUR, PAUL BISWAJIT		22/Mar/2006	0768DEL2006	27/Aug/2015	268353
7.	0491NF2004/IN	A DEVICE FOR PROVIDING CENTER LINES IN A CONTINUOUS MANNER DURING UNDERGROUND MINE/TUNNELS CONSTRUCTION	BISWAJIT PAUL		31/Mar/2005	0801DEL2005	29/Oct/2015	269614
8.	0258NF2004/IN	A DEVICE USEFUL FOR COOLING AN INDIVIDUAL WHILE WORKING IN OPEN CAST MINES IN HOT AND DRY SUMMER	BIMAL CHANDRA BHOWMICK, SANTOSH KUMAR RAY, DILIP KUMAR MITRA, NAGESHWAR SAHAY, RUDRA PRATAP SINGH, ISHTIAQUE AHMAD, NIKH		29/Oct/2004	2139DEL2004	28/Dec/2015	270496

9	0213NF2006/IN	A DEVICE FOR IMPROVED MANUAL GROUTING OF ROOF BOLTS IN MINES	KASHYAP SUDHIR KUMAR, TEWARI SUBHASHISH, SINHA AMALENDU		04/Dec/2006	2584DEL2006	23/Feb/2016	271486
10	0337NF2003/IN	A COMPOSITION FOR THE MANUFACTURE OF FLYASH BASED RIGID SHEET USEFUL AS AN ALTERNATIVE FOR ASBESTOS SHEET	EMRANUZZAMAN, NABIULLAH, JAGDISH, BRAJ MOHAN PAT PINGUA, DHANUSH DHARI MISHRA		30/Jan/2004	0149DEL2004	18/Mar/2016	272142

2016 – 17

Granted in India

S. NO.	NFNO	TITLE	INVENTORS	PROV FILING DATE	COMP FILING DATE	APPLICATION NO.	GRANT DATE	PATENT NO.
1	0110NF2007/IN	A LIGHT AND DETACHABLE CANOPY FOR PROTECTING MINERS IN THE IMMEDIATE FRONT FACE OF A TUNNEL DRIVAGE	MAITY SIBNATH, SINGH MANOJ KUMAR		01/Aug/2007	1627DEL2007	01/Jun/2016	273381
2	0470NF2004/IN	A MACHINE FOR COLLECTING AND TRANSFERRING BLASTED COAL FROM WORKING FACE TO THE HAULAGE POINT IN BORD AND PILLAR MINING	SUDHIR KUMAR KASHYAP, SUBHASHISH TEWARI		28/Jul/2006	1731DEL2006	29/Nov/2016	277746
3	0212NF2006/IN	MOBILE SIZE SEPERATOR FOR RUN-OF-MINES (ROM) IN COAL AND MINERAL MINES	MAITY SIBNATH, SINGH MANOJ KUMAR, SINHA AMALENDU		26/Feb/2007	0392DEL2007	13/Jan/2017	279207

4	0019NF2007/IN	A NOVEL PRESTRESSES RAIL SLEEPER PARTICULARLY USEFUL FOR UNDERGROUND HAULAGE TRACK	MAITY SIBNATH, SINGH MANOJ KUMAR		03/May/2007	0956DEL2007	31/Jan/2017	279834
5	0040NF2008/IN	AN INDUCTION BASED HOIST COMMUNICATION SYSTEM USEFUL FOR UNDERGROUND MINES	LAKSHMI KANTA BANDYOPADHYAY, SWADES KUMAR CHAULYA, PANKAJ KUMAR MISHRA		26/Mar/2008	0782DEL2008	24/Mar/2017	281730
6	0150NF2008/IN	A DEVICE FOR SAND STEMMING IN HORIZONTAL BLAST HOLES IN UNDERGROUND EXCAVATIONS	MORE RAMULU, ASHOKE KUMAR CHAKRABORTY, PARTHO BISWAPATI CHOUDHURY, AUTAR KRISHEN RAINA		24/Nov/2008	2650DEL2008	27/Mar/2017	281810

2017-18

Granted in India

S. NO.	NFNO	TITLE	INVENTORS	PROV FILING DATE	COMP FILING DATE	APPLICATION NO.	GRANT DATE	PATENT NO.
1	0004NF2007/IN	AN LIGHT COMPOSITE TUBULAR SUPPORT USEFUL FOR QUICK SETTING AGAINST TUNNEL ROOF	MAITY SIBNATH, SINGH MANOJ KUMAR		03/May/2007	0958DEL2007	20/Apr/2017	282630
2	0064NF2010/IN	A COMPOSITION AND MANUFACTURING PROCESS OF RESIN CAPSULES SUITABLE AS GROUTING MATERIAL FOR UNDERGROUND MINES	JAGDISH, MONOJ KUMAR, SUSHIL KUMAR, ZULFIQUAR AHMED		20/Jul/2011	1692DEL2010	07/Nov/2017	289314

3	0374NF2005/IN	A DEVICE FOR SUPPRESSION OF DUST PRODUCER DURING BLASTING OF COALFACE IN BORD AND PILLAR MINING	KASHYAP SUDHIR KUMAR, TEWARI SUBHASHISH		28/Mar/2006	0864DEL2006	16/Jan/2018	291760
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2018-19

Granted in India

S. NO.	NFNO	TITLE	INVENTORS	PROV FILING DATE	COMP FILING DATE	APPLICATION NO.	GRANT DATE	PATENT NO.
1	0250NF2005/IN	A NON-AIR BASED PERMANENT FLOATING DEVICE USEFUL FOR LIFE SAVING IN NATURAL CALAMITIES SITUATIONS	MAITY SIBNATH, PAUL BISWAJIT		19/02/2008	0417DEL2008	14/May/2018	296760
2	0101NF2007/IN	AN INTRINSICALLY SAFE POWER SUPPLY UNIT USEFUL FOR PROVIDING HIGH OUTPUT POWER TO MEET THE REQUIREMENTS OF HAZARDOUS AREA DEVICES WITHIN THE RANGE OF VARIATIONS OF MAIN SUPPLY VOLTAGE	MAITY RANJIT		20/08/2008	1757DEL2007	31/Aug/2018	300585
3	0109NF2007/IN	DEVICE TO MEASURE LATERAL DEFORMATION OF ROCK IN A HEATING CHAMBER COUPLED TO AN UNIVERSAL TESTING MACHINE	DWIVEDI RAMADHAR, GOEL RAJNISH KUMAR, PRASAD VULUGUNDAM VENKATA RAMANA		26/Mar/2008	0779DEL2008	01/Nov/2018	302830

4.	0223NF2008/IN	DEVELOPMENT OF PETROLEUM RESIDUEWATER EMULSION;A NOVEL FUEL FOR POWER GENERATION	KASHI NATH BHATTACHARYA, SUDIPTA DATTA, PIANKI SARKAR, AWADHESH KUMAR SINHA, SWAPAN KUMAR GHOSH	27/Feb/2009	26/Feb/2010	0382DEL2009	04/Dec/2018	303970
5.	0004NF2006/IN	MICROPROCESSOR BASED MULTICHANNEL MONITORING SYSTEM USEFUL FOR AUTOMATIC AND RELIABLE MEASUREMENT OF VIBRATING WIRE SENSORS	MAITY RANJIT	30/Mar/2006	05/Mar/2007	0897DEL2006	24/Jan/2019	306214
6.	0013NF2009/IN	A DEVICE FOR CLAMPING ARMOURD CABLE IN THE CABLE GLAND	VISHWAKARMA RAJENDRA KUMAR, SINGH ARVIND KUMAR, AHIRWAL BHAGIRATH, SINHA AMLENDU	27/Mar/2009	26/Mar/2010	0614DEL2009	07/Mar/2019	308780

2019-20
Patent Granted in India

SL. No.	NF NUMBER	TITLE	INVENTORS	PROVISIONAL FILING DATE	COMPLETE FILING DATE	APPLICATION NUMBER	DATE OF GRANT	PATENT NUMBER
1.	0012NF2012	A BIODEGRADABLE AND ECO - FRIENDLY DUST SUPPRESSANT CHEMICAL FOR UNPAVED HAUL ROADS AND STOCK PILE, BLASTED MATERIAL HANDLING IN MINES AND OTHER DUST PRONE AREAS	PANDEY JAI KRISHNA, TRIVEDI SHRENIK MADHUSUDAN, TRIVEDI RUSHAY SHRENIK, JANI URJA FALGUN, VYAS BHAVTOSH RAJNIKANT, KUMAR AJAY	14-MAR-12	13-MAR-13	0410DEL2012	27-MAY-19	313204

2.	0117NF2009	A DEVICE FOR ROOF SUPPORT OF UNDERGROUND MINE/TUNNEL	SUDHIR KUMAR KASHYAP, AMALENDU SINHA	19-FEB-10	21-JAN-11	0374DEL2010	23-OCT-19	323530
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2020-21

Granted in India

SNo	NFNO	Country	Lab	Title	Inventors	Prov. Filing Date	Comp. Filing Date	Application No.	Status	Grant Date	Patent No.
1	0241NF2014/IN	IN	CIMFR	A PROCESS FOR INCREASING CARBON DIOXIDE CONCENTRATION IN FLUE GAS	ASHIS MUKHERJEE, MANISH KUMAR, SANTI GOPAL SAHU, ASHIS KUMAR ADAK, SUBHASIS BISWAS	---	28/Jan/2015	0232DEL2015	IF	20/Sep/2020	347184
2	0168NF2010/IN	IN	CIMFR	ROAD DUST COLLECTING AND BRIQUETTING SYSTEM FOR COAL MINES	LAKSHMI KANTA BANDYOPADHYAY, SWADES KUMAR CHAULYA, PANKAJ KUMAR MISHRA, MANOJ KUMAR SINGH, SURAJIT DEY	02/Nov/2010	12/Sep/2011	2619DEL2010	IF	15/Oct/2020	349337
3	0190NF2011/IN	IN	CIMFR	WIRELESS STRATA INFORMATION SYSTEM FOR UNDERGROUND OPENINGS	PANKAJ KUMAR MISHRA, ANGAD KUSHWAHA, PRABHAT KUMAR MANDAL, AMALENDU SINHA	---	08/Oct/2013	2993DEL2013	IF	02/Mar/2021	360035