Swami Keshvanand Institute of Technology,
Management & Gramothan

Approved by AICTE, Ministry of HRD, Government of India
Recognized by UGC under Section 2(f) of the UGC Act, 1956
Affiliated to Rajasthan Technical University, Kota

List of Patents with Proof

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Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

List of Patents

S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
1	Praveen Kumar Jain Pooja Choudhary Ankit Agarwal Satendra Singh Rukhsar Zafar Swati Arora Ankur Saharia Neha Janu Manju Choudhary Pooja Jain	2021104782	Internet of Things (IoT) sensors-based system for child monitoring & method thereof	Australia	22-09-2021
2	Dr. A.Narasima Venkatesh Dr. Basant Kumar Verma Mr. Anil Kumar Tanwar Dr. S. Vimal . Mrs. Blessy Y M Dr. Shilpa K Gowda Dr. Mukesh Kumar Gupta Mrs. Jayashree M Kudari Mrs. Adlin Jebakumari S Dr.Arunkumar G L	202141039583	IOT Based Automated System for Freeway Framework 3	India	10-09-2021
3	Dr. C Murugamani Dr.Basant Kumar Verma Dr. Manmohan Sharma Mr. Parveen Kumar Sharma Dr. Pankaj Dadheech Mrs. Swathi Pai M Dr. C. Pradeep Dr. Ashish K. Sharma Dr. Meenakshi R Prof. R. S. Salaria	202141032077	Bigdata for Secure Email Spam Filtering	India	13-08-2021
4	Dr. Reena Grover Dr. Pankaj Dadheech Dr. Anup Pradhan Dr. Vivek Tyagi Dr. Viresh Sharma Dr. Rashmi Mishra Prashant Kumar	344241-001, 2021, Class-16-06, Cbr Number: 203941	Digital Microscope USB Connector	India	09-07-2021

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

List of Patents

S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
5	Arun Kumar Rana Nirav Karelia Tarun Naruka Vipin Chandra Pal Souvik Ganguli Anurag Sohane	2021101516	A SYSTEM FOR MOVEMENT OF AUTONOMOUS VEHICLE AND A METHOD THERE OF	Australia	19-05-2021
6	Dr. E. Bhuvaneswari Dr. Hemlatatha K L Manjula Vasant Kiresur Yogesh Ramkisan Nagargoje Dr. K Sundeep Kumar Appasami Harshal Nigam Dr. Monika Mathur Birendra Kumar Pandey Kakirala Durga Bhavani Mahesh Kumar	202141018245	Machine Learning Based Breast Cancer Detection by Neuro Fuzzy Logic	India	30-04-2021
7	S.Pradeep Devaneyan Santosh Kumar Sahoo Pankaj Dadheech A. Vijayalakshmi Ebenezer Abishek. B Lakshmanan. M Noor Mohammed. V Palanivelan. M Razia Sultana W Chinnapalli Likith Kumar Sirigireddy Pravallika K. Sasikala V. Sekar M. Monisha Vijayalakshmi. P Hitesh Joshi Hariprasath Manoharan	2021100287	An IoT based Tyre Pressure and Temperature Monitoring System	Australia	31-03-2021

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

List of Patents

S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
8	Dr. L. K. Rex Dr. V.S. Sethuraman Mr. Akash Johari Mr. Pankaj Gupta Mr.Akshay K. Uday Dr. D. S. Vijayan Mr. D. Antony Prabu Dr. G. Vijay Kumar Dr. V. Manikandan Dr. S. Sudhakar	202141006550	UTILIZATION OF BURR WASTES AS MICRO-REINFORCEMENTS IN CONCRETE TO OVERCOME DISPOSAL OF HAZARDOUS MATERIALS IN GLOBAL ENVIRONMENT.	India	26-02-2021
9	Yusuf Durachman J.S.Binoj Radhika Gautamkumar Radhika Narayan Dattatraya Totewad Ankit Agarwal Pooja Choudhary Praveen Kumar Jain Satendra Singh Ram D. Isankar Siddharth Anadrao	2021100736	Development Of Smart Powering Technique Using Ai Based Solar Tracking System	Australia	05-02-2021
10	A. K. Sharma Kamal Upreti Sanjay Srivastava Binu Kuriakose Vargis Jaspreet Singh Pooja Choudhary Nishant Kumar Praveen Kumar Jain Rituraj Bipin Pandey	2021100596	Intelligent Robotic System To Automate Swab Test To Detect Covid-19 Disease	Australia	30-01-2021

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

List of Patents

S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
11	Balamurugan N .M. Adimoolam M Padmaja C Choudhary Surya Deo Binoj J. S. Shyni G Britto A Sagai Francis Shashikant Pandey Vikas Agarwal Ankit	2021100560	Smart Wireless Charging System For Iot Devices In Home Automation	Australia	28-01-2021
12	Chaturvedi, Anoop Kumar Kumar, R. Lakshmana Islam, Saiful; Khan, Nadeem Ahmad Khan, Afzal Husain Manjunath, T.C. G., Pavithra Kumar, Kailash Veerakumar, K. Gulati, Kamal Bhasin, Narinder Kumar Dadheech, Pankaj Sankeerthana, R. Chakravarthy, Srinivasa L. Ghadiyaram, Anil Kumar And Panduri, Bharathi	2020103157	An Artificial Intelligence Based Automatic Cleanliness System For Physically Handicapped Persons	Australia	16-12-2020

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

List of Patents

S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
13	Ramesh Chandra Panda, Ashok Kumar Nanda, Pooja, Ipseeta Nanda, Nibedita Nanda, Meghraj Vivekanand Suryawanshi, Archana Kumari Prasad, Neeraj Kumar, Deepak Shivaji Dandwate, Pankaj Dadheech, Radha Priya, Miss Jumter Loya, P Karthigeyan	202041051975	A Novel Iot Based Disinfectant Sanitizer Tunnel	India	11-12-2020
14	P.Vijaya Vani, D.Tabhita, D.Krupa Daniel, R.Muthukkumar, J.Vellingiri, Jagadeesh Gopal, K.Arivuselvan, J.Kamalakannan, J.Gitanjali, Vishwa Pratap Singh, S.R.Dogiwal, Pankaj Dadheech	202041053003	Open Source Internet Of Tangible Things Based Smart Device For Children With Hearing Loss Using Wi-Fi Communication	India	11-12-2020
15	Pankaj Dadheech, V. B. V. N. Prasad, C. G. Ravichandran, Rajesh Rajaan, S. Jayasundar, G. Saravanan, Ramya Govindaraj, T. Kavitha, Subrata Chowdhury, R. Regin, Manya Smriti	202011050375	Vr Based Psychological And Physical Training To Girls For Self-Defense	India	04-12-2020

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

List of Patents

S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
16	D. Hemavathi, Hitesh Joshi, K. Sharmilee, P. Vijaya Vani, M. Z. M. Nomani, S. Thangam, Ramya Govindaraj, Ashwini Saini, Rajesh Rajaan, Pankaj Dadheech, Alekya Kowta, Manya Smriti	202041050337	A Smart Walking System For The Elderly And Blind	India	27-11-2020
17	Kiran Rathi Pooja Choudhary S. K. Bhatnagar Ankit Agarwal Anil Verma Deen Dayal Dhakad	202011044614	A Device For Soldering Electronic Components By Reflow Soldering Technique And The Process Thereof	India	23-10-2020
18	S. Magesh, K. Mahendran, V. R. Niveditha, S. Radha Rammohan, N. Jayashri, K. Sudha, R. Vidya, S. Ramesh, P. Rajaram, Pankaj Dadheech, S. R. Dogiwal	202041039505	Accuracy Of Open-Air Temperature Prediction By Smart Weather Monitoring System For Effective Analytics Using Iot Devices	India	25-09-2020

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

List of Patents

S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
19	Pankaj Dadheech, Kshirsagar, Pravin R. Devaru, Susheela Devi B. Patil, Shamshekhar S. Chaturvedi, Rekha Kumar, Loveleen Mohan, Anand Ray, Abhra Pratip Aljabr, Ahmad Abdullah Kumar, Kailash Tewari, Ranjana Islam, Saiful Gulati, Kamal Neeli, Jyoti And H. Girish	2020101719	An Artificial Intelligence And Internet Of Things Based Automated System For Animal Health Care	Australia	02-09-2020
20	Kshirsagar, Pravin R, Gulati, Kamal Dadheech, Pankaj Manjunath, T.C. Muthusundari, S. Sreenivasu, S.V.N.Chandnani, Neeraj Chandrasekaran, Saravanan Kumar, Kailash Chandra, Akkaraju Sailesh Reddy, G. Divakara Manju, J. R. R., Harsha; Yaseen, Syed Mufassir And Yaqoob, Syed Irfan	2020101562	An Artificial Intelligence And Iot Based System For Monitoring And Detection Of Electricity Theft	Australia	19-08-2020

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

List of Patents

S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
21	Dr. A. N. Swaminathen Mr. Gaurav Purohit Dr. D .S. Vijayan Mr. Sachin Sharma Dr. V.S. Sethuraman Dr. L. K. Rex Dr. R. Vidya Mr. P. Dinesh Kumar Mr. S. Ramesh Mr. Akash Johari Dr. P. Rajaram Dr. S. Sudhakar	202041026847	Durability Response Of High-Performance Concrete With Metakaolin And Rice Husk Ash	India	10-07-2020
22	G. Rajeshkumar, S. Sadesh, S. Gokulraj, R.Venkatesan, T. Priyadarsini, Pankaj Dadheech, Hitesh Joshi, Rajesh Rajaan, Sanwta Ram Dogiwal, Sudhir Kumar, S. Sudhakar	202041026105	A Low-Cost 4G Smart Phone Detector And Jammer System Gsm-900 Mhz And 1800 Mhz For Using Matlab Simulink	India	10-07-2020
23	Surya Deo Choudhary, Manish Kumar, Pankaj Dadheech, Pankaj Kumar, M.K. Mariam Bee, P. Jagadeesh, R. Lakshmana Kumar, Prof. M. Amala Jayanthi, Gunasekaran Manogaran, Bala Anand Muthu, S. Balamurugan	202041015333	Sensor Based Secured Bank Locker System Thereof	India	05-06-2020

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

List of Patents

S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
24	Sri Hari Nallamala, Pankaj Dadheech, Aabhas Mathur, K. V. D. Kiran, Sushma Chowdary Polavarapu, S. Geetha, J. Martin Leo Manickam, S. Jayasundar, Kranthi Madala, J. Madhusudanan, Veenanand Kakarla	202041020699	Iot And Blockchain-Enabled Smart E-Vechicle Charging System	India	05-06-2020
25	Biswa Ranjan Acharya, Pankaj Dadheech, Puja Das, Deepti Bala Mishra, Satya Ranjan Dash, Mohammad Israr, Suresh Chandra Moharana, Anupama Baral, Asik Rahaman Jamader	202031013658	System And Method For Real Time Monitoring And Predicting Heart Health Performance	India	15-05-2020
26	Achyut Shankar, K. Thenmalar, R. Rohini, R. Nirmala, Suchi Mala, Thompson Stephan, M.K. Mariam Bee, Pankaj Dadheech, S. Balamurugan	202011015819	Sensor Based System And Method For Automatic Mirror Adjustment In Vechicles	India	15-05-2020

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

List of Patents

S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
27	V. Priya, S. Sudhakar, S. Sharavanan, A. Vishnu Priya, C. Karpagavalli, M. B. Suresh, K. Vidhya, Pankaj Dadheech, Gourav Purohit, Sachin Sharma, K. Kiruthiga, S. Abinaya, S. Athithi	202041012885	Iot Based Water Quality Monitoring For Textile Industry	India	08-05-2020
28	Ankit Kumar	202011010525	A Chatbot For Mental Health Improvement Of Students Using Natural Language Processing And Sentiment Analysis	India	20-03-2020
29	K. Suresh Kumar, A. Vijayaraj, S. Sudhakar, N. Suganthi, P. T. Vasanth Raj, V. Prasathkumar, Pankaj Dadheech, Ankit Kumar, Hemant Dhabhai, S. K. Aruna	202041010986	Image Captcha Cropping Using Symbols (Ics)	India	20-03-2020

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

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S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
30	V. Priya, S. Sudhakar, Jayanti Goyal, Pankaj Dadheech, Jitendra Singh Chouhan, Wilson Prakash, A. Uma Maheswari, S. Ramesh, Sudhir Kumar, Nitin Purohit, S. Sudhagar	202041011771	Smart Traffic System For Emergency Vehicles Using Iot	India	20-03-2020
31	S.Sudhakar, Pankaj Dadheech, V. Priya, A.Sagai Francis Britto, S.Ramesh, Divyapushapalakshmi, V.Ramachandran, Ankit Kumar, R.Parthiban, Hemant Dhabhai,	202041007612	Iot Based Real-Time Fuel Efficiency And Monitoring System For A Smart Vehicle Using Mobile Device	India	28-02-2020
32	S. Sudhakar, S.Raju, Pankaj Dadheech, V. Priya, V. Vinoth Kumar, T. Avudaiappan, A. Syed Musthafa, C. Nallusamy, K.Prasanth, E. Punarselvam,	202041005771	Automated Non Invasive Blood Group Determination And Cholesterol Level Using Iot	India	21-02-2020
33	Praveen Saraswat Dheeraj Joshi, Mayank Aggarwal, Lakshya Yadav, Keshav Mundra	201811034486	Gravity-Driven Illumination Apparatus	India	28-09-2018

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

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S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
34	Ashish Nayyar Praveen Saraswat Ankit Agarwal Sheetal Kumar Jain Keshav Gupta Ghanshyam Das Agarwal Navpratap Singh Sran Satyan Vijayvergiya Yogesh Sharma Chandan Kumar Dinesh Kumar Sharma Naveen Kumar Sain Chandan Kumar Prajapati Mahima Bhoi Deepak Sharma Bhavesh Jain Ayush Dhamani Abhishek Sharma	201811033875	Dual Axis Parabolic Solar Cooker System To Automatically Track Sunlight	India	28-09-2018
35	Ashish Nayyar, Praveen Saraswat, Keshav Gupta, Satyan Vijayvergiya, Navpratap Singh Sran, Chandan Kumar Prajapati, Mahima Bhoi, Jitendra K Sen	201811025948	Parabolic Solar Cooker System To Track Sunlight In Real-Time	India	03-08-2018
36	Ashish Nayyar, Praveen Saraswat, Keshav Gupta, Ankit Agarwal, Yogesh Sharma, Chandan Kumar Prajapati, Mahima Bhoi, Chandan Kumar	201811023286	Tracking Parabolic Solar Cooker System	India	13-07-2018

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

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S.No	Name of Faculty	Application ID/ Granted ID	Title of Patent	Granted Country	Publication Date
37	Ashish Nayyar, Praveen Saraswat, Rajendra Singh Chundawat, Keshav Gupta, Rajeev Ratna Singh, Suraj Kumar, Anand Kumar	201811020033	System To Provide Automatic Gear Change And Throttle Coupled Gear Lever Of Sports Vehicle	India	15-06-2018
38	Keshav Gupta, Zuber Nizami, Kishanlal Suthar, Ghanshyam Das Agrawal, Sheetal Kumar Jain, Praveen Kumar Jain, Ashish Nayyar	201811002382	Two Wheeler Vehicle To Prevent Back- Ache For Rider	India	26-01-2018

Application Details

2021104782
: Internet of Things (IoT) sensors-based system for child monitoring & method thereof

BIBLIOGRAPHIC DATA

Application details

Australian application number	2021104782	**Patent application type**	Innovation		
Application status	FILED	**Paid to date**	2023-08-01	**First IPC Mark**	
Currently under opposition	No	**Proceeding type(s)**			
Invention title	Internet of Things (IoT) sensors-based system for child monitoring & method thereof				
Inventor(s)	Jain, Praveen Kumar ; Choudhary, Pooja ; Agarwal, Ankit ; Singh, Satendra ; Zafar, Rukhsar ; Arora, Swati ; Saharia, Ankur ; Janu, Neha ; Choudhary, Manju ; Jain, Pooja				
Agent name	Khare, Ashish DR	**Address for legal service**	VIC 3084 Australia show full address		
Filing date	2021-08-01	**Australian OPI date**		**OPI published in journal**	
Effective date of patent	2021-08-01	**Expiry date**	2029-08-01		
Additional/Divisional application number		**Additional/Divisional relationship**			

Applicant details

Applicant	Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT)	**Applicant address**	Rajasthan 302017 India
Old name(s)			

IPC details

Int Cl.	Version	First Mark

Priority details

Earliest priority date	2021-08-01		
Type	**Number**	**Filing date**	**Priority date**

Associated provisional(s)

SPECIFICATION/E-REGISTER

EDOSSIER

LIFECYCLE DETAILS

FEE/PUBLICATION HISTORY

Continuation/Renewal fee history

Date paid	Paid to date	2023-08-01	Next fee due	2	Fee Table
Last agency address					

Publication history

Vol/Iss	Publication date	Publication action	Reason	Document kind
35/33	2021-08-19	Innovation Application Filed		

OWNERSHIP DETAILS

OPPOSITIONS, DISPUTES & AMENDMENTS

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Submission of Relevant Material (S27,S28)

This data is current as of **2021-09-08 18:00 AEST**.

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

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INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

(http://ipindia.nic.in/index.htm)

Application Details	
APPLICATION NUMBER	202141039583
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/09/2021
APPLICANT NAME	1 . Dr. A.NARASIMA VENKATESH 2 . Dr. BASANT KUMAR VERMA 3 . Mr. ANIL KUMAR TANWAR 4 . Dr. S. VIMAL 5 . Mrs. BLESSY Y M 6 . Dr. SHILPA K GOWDA 7 . Dr. MUKESH KUMAR GUPTA 8 . Mrs. JAYASHREE M KUDARI 9 . Mrs. ADLIN JEBAKUMARI S 10 . Dr.ARUNKUMAR G L
TITLE OF INVENTION	IOT BASED AUTOMATED SYSTEM FOR FREEWAY FRAMEWORK 3
FIELD OF INVENTION	COMMUNICATION
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	10/09/2021

Application Status

APPLICATION STATUS

Awaiting Request for Examination

View Documents

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

➡ Disposed

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2021

(21) Application No.202141032077 A
(43) Publication Date : 13/08/2021

(54) Title of the invention : BIGDATA FOR SECURE EMAIL SPAM FILTERING

(51) International classification	:H04L0012580000, G06Q0010100000, G06F0021560000, A01K0067027000, G06Q0050100000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT// :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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5)Dr. PANKAJ DADHEECH
6)Mrs. SWATHI PAI. M
7)Dr. C.PRADEEP
8)Dr. ASHISH K SHARMA
9)Dr. MEENAKSHI R
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4)Mr. PARVEEN KUMAR SHARMA
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6)Mrs. SWATHI PAI. M
7)Dr. C.PRADEEP
8)Dr. ASHISH K SHARMA
9)Dr. MEENAKSHI R
10)Prof. R. S. SALARIA

(57) Abstract :
ABSTRACT BIGDATA FOR SECURE EMAIL SPAM FILTERING Spam has developed the basis of verdict exploited by digital crooks to extent malign payloads such as Trojan infections. Combined spam location technique can able to achieve vast choice of email data backed by diversified agents and particularly with remarkable dispute of needing confession content of email. Distance-saving messes are the primary activities exploited for shielding the email security while vesting message description for detecting spam. In this regard, Spamdoop is a vital Big data security protection mutual spam identification tool adapted on chief of a regular map reducing facility. Spam has developed the basis of result exploited by using digital crooks to extent malign payloads like Trojans. Spam discovery stratergies releated to the community can accomplish vast choice of email data donated by diverse bases and they have the prominent concern of demanding email contact and the spam directs are blocked and notable issues also the mass emails are eminent and stalled right away.

No. of Pages : 21 No. of Claims : 9

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PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Design Application Details

Application Number:

344241-001

Cbr Number:

203941

Cbr Date:

04/06/2021 14:02:48

Applicant Name:

1. Dr. Reena Grover, 2. Dr. Pankaj Dadheech, 3. Dr. Anup Pradhan,
4. Dr. Vivek Tyagi, 5. Dr. Viresh Sharma, 6. Dr. Rashmi Mishra,
7. Prashant Kumar,

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 28/2021 and Journal Date is 09/07/2021

Back (/DesignApplicationStatus/)

Disclaimer: Application status is available for the application filed on or after 1st April 2009 with application no 222230.The information under " Design Application Status" is dynamically retrieved and is under testing, therefore the information retrieved by this system is not valid for any legal proceedings under the Design Act 2000. In case of any discrepancy you may contact the appropriate Patent Office or send your comments to following email IDs:

Design Office, Kolkata : controllerdesign.ipo@nic.in

Controller General of Patents, Designs and Trademarks

DESIGN NUMBER	344228-003
CLASS	02-02
VJ FASHION, 42, RANCHHOD NAGAR SOCIETY, DUMBHAL, SURAT - 395010, GUJARAT, INDIA	
DATE OF REGISTRATION	04/06/2021
TITLE	SAREE AND BLOUSE (SET)
PRIORITY NA	

DESIGN NUMBER	344229-001
CLASS	10-05
1.DR. GURPREET SINGH CHHABRA, SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT AND TECHNOLOGY, RAIPUR, 492015, CHHATTISGARH 2. MR. ASHISH TRIVEDI, SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT AND TECHNOLOGY, RAIPUR, 492015, CHHATTISGARH 3. MR. RIJU BHATTACHARYA, SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT AND TECHNOLOGY, RAIPUR, 492015, CHHATTISGARH 4. MR. SUNIL DEWANGAN, SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT AND TECHNOLOGY, RAIPUR, 492015, CHHATTISGARH , ET AL.	
DATE OF REGISTRATION	04/06/2021
TITLE	HAND BAND FOR WORK TRACKING
PRIORITY NA	

DESIGN NUMBER	344241-001
CLASS	16-06
1.DR. REENA GROVER, ASSISTANT PROFESSOR, DEPARTMENT OF METHEMATICS, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, DELHI NCR CAMPUS, DELHI MEERUT ROAD, MODINAGAR, GHAZIABAD 201204, (U.P.) 2. DR. PANKAJ DADHEECH, DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (NBA ACCREDITED), SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN (SKIT), RAMNAGARIA, JAGATPURA, JAIPUR, RAJASTHAN, INDIA-302017 3. DR. ANUP PRADHAN, VICE CHANCELLOR, DEPARTMENT OF STATISTICS, SUNRISE UNIVERSITY, ALWAR, 301001 RAJASTHAN 4. DR. VIVEK TYAGI, ASSOCIATE PROFESSOR & HEAD, DEPARTMENT OF MATHEMATICS, N.A.S. (P.G.) COLLEGE, MEERUT 250001 , ET AL.	
DATE OF REGISTRATION	04/06/2021
TITLE	DIGITAL MICROSCOPE USB CONNECTOR
PRIORITY NA	

Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2021101516

The Commissioner of Patents has granted the above patent on 19 May 2021, and certifies that the below particulars have been registered in the Register of Patents.

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Title of invention:

A SYSTEM FOR MOVEMENT OF AUTONOMOUS VEHICLE AND A METHOD THEREOF

Name of inventor(s):

Rana, Arun Kumar; Karelia, Nirav; Naruka, Tarun; Pal, Vipin Chandra; Ganguli, Souvik and Sohane, Anurag

Term of Patent:

Eight years from 25 March 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.

COMMONWEALTH OF AUSTRALIA AUSTRALIA PATENT OFFICE

Dated this 19th day of May 2021

Commissioner of Patents

Extracts from the Patents Act, 1990

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128 **Application for relief from unjustified threats**

(1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:

(a) a declaration that the threats are unjustifiable; and

(b) an injunction against the continuance of the threats; and

(c) the recovery of any damages sustained by the applicant as a result of the threats.

(2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

Certain threats of infringement proceedings are always unjustifiable.

(1) If:

(a) a person:

(i) has applied for an innovation patent, but the application has not been determined; or

(ii) has an innovation patent that has not been certified; and

(b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;

then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1 **Dictionary**

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent

inPASS Indian Patent Advanced Search System (http://ipindia.nic.in/index.htm)

INTELLECTUAL PROPERTY INDIA (http://ipindia.nic

Patent Search

Invention Title	MACHINE LEARNING BASED BREAST CANCER DETECTION BY NEURO FUZZY LOGIC
Publication Number	18/2021
Publication Date	30/04/2021
Publication Type	INA
Application Number	202141018245
Application Filing Date	20/04/2021
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06N0003040000, G06N0003120000, G16H0050700000, G06N0003080000, G06N0005040000

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Applicant

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Abstract:

Cancer is considered as one of the dangerous disease in the world. Researchers focus on finding best methods for detection of this deadly disease which is of variou occurring at different location of the body. Detection of cancer indicates the process of finding formation of cancerous cells in various tissues. This invention focuses development of a accurate prediction model for detecting breast cancer. In this work, recurrent fuzzy neural network trained based on Genetic Algorithm (GA) and ne adaptive inference system is used together on a machine learning based repository. This dataset is categorized into two sets namely training data set and test data s of the system is done based on recurrent fuzzy neural network trained by Genetic Algorithm (GA). This system is evaluated based on the following parameters namel specificity, sensitivity, precision, accuracy and probability of misclassification error. A highest accuracy of 87.8% is achieved from this proposed system.

Complete Specification

Claims:1. This invention proposes a novel approach for detecting breast cancer by integrating machine learning technology with neural fuzzy logic.
2. In this work, recurrent fuzzy neural network trained based on Genetic Algorithm (GA) and neuro fuzzy adaptive inference system is used together on a machine learning based repository.
3. The proposed system comprises of six modules with each of the module involves several phases hence it is a system with multi layers.
4. FBCD module detects the breast cancer by labeling the file log termed as fuzzy labeling which is able to analyze the breast cancer from the dataset.
5. Importing of input variables to the fuzzification phase indicates transformation of input variables into fuzzy linguistic variables such as low, medium or high in by the number range between the values 1 to 10.
6. Designing of the system is done based on recurrent fuzzy neural network trained by Genetic Algorithm (GA) with highest accuracy of 87.8% is achieved from th proposed system.

, Description:• Fuzzy interface engine and rule base indicates the third phase where the fuzzy rules are stored in the database and a new reality is obtained by th knowledge of rules utilized in the fuzzy interference engine.

- Fourth phase is defuzzification converting numerals to fuzzy variables.
- Third module is Classification of Breast Cancer Detector (CBCD) which classifies the type of breast cancer from the dataset by utilizing neural network model te as Extreme Learning Machine for detecting benign or malignant cancer mass along with SVM algorithm.
- Dataset is classified into training data, testing data and validation data in this stage where local minimum of cost function is determined by computing mean of

View Application Status

Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2021100287

The Commissioner of Patents has granted the above patent on 31 March 2021, and certifies that the below particulars have been registered in the Register of Patents.

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COMMONWEALTH OF AUSTRALIA
AUSTRALIA
PATENT OFFICE

Dated this 31st day of March 2021

Commissioner of Patents

Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2021100287

Pravin R. Kshirsagar of Professor & Head, Electronics & Communication Engineering, AVN Institute of Engineering & Tech. Hyderabad Telangana 501510 India

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Title of invention:

AN IOT BASED TYRE PRESSURE AND TEMPERATURE MONITORING SYSTEM

Name of inventor(s):

Devaneyan, S.Pradeep; Sahoo, Santosh Kumar; Dadheech, Pankaj; Vijayalakshmi, A.; B., Ebenezer Abishek.; M., Lakshmanan.; V., Noor Mohammed.; M., Palanivelan.; W., Razia Sultana; Kumar, Chinnapalli Likith; Pravallika, Sirigireddy; Sasikala, K.; Sekar, V.; Monisha, M.; P., Vijayalakshmi.; Joshi, Hitesh; Manoharan, Hariprasath; Kshirsagar, Pravin R. and Peroumal, Vijayakumar

Term of Patent:

Eight years from 17 January 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.

Dated this 31st day of March 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

Extracts from the Patents Act, 1990

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128 **Application for relief from unjustified threats**

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(c) the recovery of any damages sustained by the applicant as a result of the threats.

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(b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;

then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

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(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1 **Dictionary**

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(http://ipindia.nic.in/index.htm)

INTELLECTUAL PROPERTY INDIA (http://ipindia.nic.in/index.htm)

Application Details

APPLICATION NUMBER	202141006550
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/02/2021
APPLICANT NAME	1 . Dr.L.K.Rex 2 . Dr.V.S.Sethuraman 3 . Mr.Akash Johari 4 . Mr.Pankaj Gupta 5 . Mr.Akshay.K.Uday 6 . Dr.D.S.Vijayan 7 . Mr.D.Antony Prabu 8 . Dr.G.Vijayakumar 9 . Dr.V.Manikandan 10 . Dr.S.Sudhakar
TITLE OF INVENTION	UTILIZATION OF BURR WASTES AS MICRO-REINFORCEMENTS IN CONCRETE TO OVERCOME DISPOSAL OF HAZARDOUS MATERIALS IN GLOBAL ENVIRONMENT
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	lkrphd1@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	26/02/2021

Application Status

APPLICATION STATUS	Awaiting Request for Examination

View Documents

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination ➡ Disposed

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2021

(21) Application No.202141006550 A
(43) Publication Date : 26/02/2021

(54) Title of the invention : UTILIZATION OF BURR WASTES AS MICRO-REINFORCEMENTS IN CONCRETE TO OVERCOME DISPOSAL OF HAZARDOUS MATERIALS IN GLOBAL ENVIRONMENT

(51) International classification	:C04B0014020000, C04B0018140000, C08L0023020000, B28B0023020000, D07B0005000000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :
Concrete is the basic engineering material used in most civil constructions. It is extremely used because of the ability to possess high compressive strength and be molded into any desired shape. In order to overcome the poor tensile strength of concrete, fibers are introduced in the matrix. In this idea, burr wastes obtained from the CNC turning process in the lathe industry were disposed of as wastes in open lands in the industries' proximity, causing a hazard to the environment. Hence, these wastes were tested as fiber material in the form of micro-reinforcements in the concrete. Burr wastes were added to the concrete in volume fractions Vf=0%, 0.5%, 1.0%, 1.5% and 2.0% and tested for its compressive, split tensile and flexural strength. The experimental test results revealed that the compressive and flexural strength of burr waste concrete increased from 16.16% to 23.36% and 117% to 124%, respectively, for Vf = 0.5% to 2.0% at 28 days strength in comparison with concrete made without burr waste. The tensile strength of burr waste concrete increased up to 6.06% for Vf = 0.5% at 28 days strength when compared to conventional concrete. The experimental investigation observed that the addition of burr wastes as micro reinforcements in the concrete had significant improvement in concrete strength.

No. of Pages : 16 No. of Claims : 5

Application Details

2021100596
: INTELLIGENT ROBOTIC SYSTEM TO AUTOMATE SWAB TEST TO DETECT COVID-19 DISEASE

BIBLIOGRAPHIC DATA

Application details

Australian application number	2021100596	**Patent application type**	Innovation		
Application status	FILED	**Paid to date**	2023-01-30	**First IPC Mark**	
Currently under opposition	No	**Proceeding type(s)**			
Invention title	INTELLIGENT ROBOTIC SYSTEM TO AUTOMATE SWAB TEST TO DETECT COVID-19 DISEASE				
Inventor(s)	Sharma, A. K. ; Upreti, Kamal ; Srivastava, Sanjay ; Vargis, Binu Kuriakose ; Singh, Jaspreet ; Choudhary, Pooja ; Kumar, Nishant ; Jain, Praveen Kumar ; Jain, Rituraj ; Pandey, Bipin				
Agent name	Sonu, Saurabh Kumar Jain MR	**Address for legal service**	NSW 2096 Australia show full address		
Filing date	2021-01-30	**Australian OPI date**		**OPI published in journal**	
Effective date of patent	2021-01-30	**Expiry date**	2029-01-30		
Additional/Divisional application number		**Additional/Divisional relationship**			

Applicant details
IPC details
Priority details
Associated provisional(s)

SPECIFICATION/E-REGISTER

A link to this specification is not available in AusPat.

Explanation of Specification Codes

An extract from the Register of Patents is not available for this application.

EDOSSIER

LIFECYCLE DETAILS

FEE/PUBLICATION HISTORY

OWNERSHIP DETAILS

OPPOSITIONS, DISPUTES & AMENDMENTS

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Submission of Relevant Material (S27,S28)

Application Details

2021100736
: DEVELOPMENT OF SMART POWERING TECHNIQUE USING AI BASED SOLAR TRACKING SYSTEM

BIBLIOGRAPHIC DATA

Application details

Australian application number	2021100736	**Patent application type**	Innovation		
Application status	FILED	**Paid to date**	2023-02-05	**First IPC Mark**	
Currently under opposition	No	**Proceeding type(s)**			
Invention title	DEVELOPMENT OF SMART POWERING TECHNIQUE USING AI BASED SOLAR TRACKING SYSTEM				
Inventor(s)	Durachman, Yusuf ; Binoj, J. S. ; Deshmukh, Radhika Gautamkumar ; Totewad, Narayan Dattatraya ; Agarwal, Ankit ; Choudhary, Pooja ; Jain, Praveen Kumar ; Singh, Satendra ; Isankar, Ram D. ; Waghmare, Siddharth Anandrao				
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Filing date	2021-02-05	**Australian OPI date**		**OPI published in journal**	
Effective date of patent	2021-02-05	**Expiry date**	2029-02-05		
Additional/Divisional application number		**Additional/Divisional relationship**			

Applicant details
IPC details
Priority details
Associated provisional(s)

SPECIFICATION/E-REGISTER

A link to this specification is not available in AusPat.

Explanation of Specification Codes

An extract from the Register of Patents is not available for this application.

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LIFECYCLE DETAILS

FEE/PUBLICATION HISTORY

OWNERSHIP DETAILS

OPPOSITIONS, DISPUTES & AMENDMENTS

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Submission of Relevant Material (S27,S28)

Application Details

2021100560
: SMART WIRELESS CHARGING SYSTEM FOR IOT DEVICES IN HOME AUTOMATION

BIBLIOGRAPHIC DATA

Application details

Australian application number	2021100560	**Patent application type**	Innovation		
Application status	FILED	**Paid to date**	2023-01-28	**First IPC Mark**	
Currently under opposition	No	**Proceeding type(s)**			
Invention title	SMART WIRELESS CHARGING SYSTEM FOR IOT DEVICES IN HOME AUTOMATION				
Inventor(s)	BALAMURUGAN, N. M. ; Adimoolam, M. ; Padmaja , C . ; Choudhary, Surya Deo ; Binoj, J. S. ; Shyni, G. ; Britto, A. Sagai Francis ; Shashikant ; Pandey, Vikas ; Agarwal, Ankit				
Agent name	BALAMURUGAN, N. M. DR	**Address for legal service**	VIC 3978 Australia show full address		
Filing date	2021-01-28	**Australian OPI date**		**OPI published in journal**	
Effective date of patent	2021-01-28	**Expiry date**	2029-01-28		
Additional/Divisional application number		**Additional/Divisional relationship**			

Applicant details
IPC details
Priority details
Associated provisional(s)

SPECIFICATION/E-REGISTER

A link to this specification is not available in AusPat.

Explanation of Specification Codes

An extract from the Register of Patents is not available for this application.

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LIFECYCLE DETAILS

FEE/PUBLICATION HISTORY

OWNERSHIP DETAILS

OPPOSITIONS, DISPUTES & AMENDMENTS

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Submission of Relevant Material (S27,S28)

Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2020103157

The Commissioner of Patents has granted the above patent on 16 December 2020, and certifies that the below particulars have been registered in the Register of Patents.

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Bharathi Panduri of Gokaraju Rangaraju Inst. of Engg. & Tech Hyderabad Telangana India

Title of invention:

AN ARTIFICIAL INTELLIGENCE BASED AUTOMATIC CLEANLINESS SYSTEM FOR PHYSICALLY HANDICAPPED PERSONS

Name of inventor(s):

Dated this 16th day of December 2020

Commissioner of Patents

PATENTS ACT 1990

Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2020103157

Chaturvedi, Anoop Kumar; Kumar, R. Lakshmana; Islam, Saiful; KHAN, NADEEM AHMAD; KHAN, AFZAL HUSAIN; Manjunath, T.C.; G., Pavithra; Kumar, Kailash; Veerakumar, K.; Gulati, Kamal; Bhasin, Narinder Kumar; Dadheech, Pankaj; Sankeerthana, R.; Chakravarthy, Srinivasa L.; Ghadiyaram, Anil Kumar and Panduri, Bharathi

Term of Patent:

Eight years from 31 October 2020

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.

Dated this 16th day of December 2020

Commissioner of Patents

COMMONWEALTH OF AUSTRALIA
AUSTRALIA
PATENT OFFICE

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते
GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041051975
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/11/2020
APPLICANT NAME	1 . Prof Ramesh Chandra Panda 2 . Dr. Ashok Kumar Nanda 3 . Dr. Pooja 4 . Dr Ipseeta Nanda 5 . Dr Nibedita Nanda 6 . Mr. Meghraj Vivekanand Suryawanshi 7 . Archana Kumari Prasad 8 . Neeraj Kumar 9 . Mr.Deepak Shivaji Dandwate 10 . Dr. Pankaj Dadheech 11 . Radha Priya 12 . Miss Jumter Loya 13 . Dr P Karthigeyan
TITLE OF INVENTION	A NOVEL IOT BASED DISINFECTANT SANITIZER TUNNEL
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	ramesh.panda.mech@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/12/2020

Application Status

APPLICATION STATUS	**Awaiting Request for Examination**

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GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041053003
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/12/2020
APPLICANT NAME	1 . Dr. P.Vijaya Vani 2 . Ms.D.Tabhita 3 . Dr.D.Krupa Daniel 4 . Dr.R.Muthukkumar 5 . Dr. J.Vellingiri 6 . Dr. Jagadeesh Gopal 7 . Dr. K.Arivuselvan 8 . Dr. J.Kamalakannan 9 . Dr.J.Gitanjali 10 . Mr. Vishwa Pratap Singh 11 . Dr. S.R.Dogiwal 12 . Dr. Pankaj Dadheech
TITLE OF INVENTION	OPEN SOURCE INTERNET OF TANGIBLE THINGS BASED SMART DEVICE FOR CHILDREN WITH HEARING LOSS USING WI-FI COMMUNICATION
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	vijayavanipachala@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/12/2020

Application Status

APPLICATION STATUS	**Awaiting Request for Examination**

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GEOGRAPHICAL INDICATIONS

GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202011050375
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/11/2020
APPLICANT NAME	1 . Dr. Pankaj Dadheech 2 . Dr.V.B.V.N.Prasad 3 . Dr.C.G.Ravichandran 4 . Mr. Rajesh Rajaan 5 . Dr.S.Jayasundar 6 . Dr.G.Saravanan 7 . Dr.Ramya Govindaraj 8 . Dr.T.Kavitha 9 . Mr.Subrata Chowdhury 10 . Mr.R.Regin 11 . Ms.Manya Smriti
TITLE OF INVENTION	VR BASED PSYCHOLOGICAL AND PHYSICAL TRAINING TO GIRLS FOR SELF-DEFENSE
FIELD OF INVENTION	PHARMACEUTICALS
E-MAIL (As Per Record)	pankajdadheech777@gmail.com
ADDITIONAL-EMAIL (As Per Record)	pankajdadheech777@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/12/2020

Application Status

APPLICATION STATUS	Awaiting Request for Examination

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Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041050337
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/11/2020
APPLICANT NAME	1 . Dr.D.Hemavathi 2 . Dr.Hitesh Joshi 3 . Dr.K.Sharmilee 4 . Ms. P.Vijaya Vani 5 . Mr.M.Z.M.Nomani 6 . Mr.S.Thangam 7 . Dr.Ramya Govindaraj 8 . Mr. Ashwini Saini 9 . Mr.Rajesh Rajaan 10 . Dr.Pankaj Dadheech 11 . Mr.Alekya Kowta 12 . Mr.Manya Smriti
TITLE OF INVENTION	A SMART WALKING SYSTEM FOR THE ELDERLY AND BLIND
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	hemavatd@srmist.edu.in
ADDITIONAL-EMAIL (As Per Record)	sudhasengan@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	27/11/2020

Application Status

APPLICATION STATUS: **Awaiting Request for Examination**

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GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202011044614
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/10/2020
APPLICANT NAME	1 . Swami Keshvanand Institute of Technology, Management and Gramothan 2 . Kiran Rathi 3 . Pooja Choudhary
TITLE OF INVENTION	A DEVICE FOR SOLDERING ELECTRONIC COMPONENTS BY REFLOW SOLDERING TECHNIQUE AND THE PROCESS THEREOF
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	ipconstellation@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	07/01/2021
PUBLICATION DATE (U/S 11A)	23/10/2020

Application Status

APPLICATION STATUS: **Application Awaiting Examination**

View Documents

Patent Search

Invention Title	A DEVICE FOR SOLDERING ELECTRONIC COMPONENTS BY REFLOW SOLDERING TECHNIQUE AND THE PROCESS THEREOF
Publication Number	43/2020
Publication Date	23/10/2020
Publication Type	INA
Application Number	202011044614
Application Filing Date	13/10/2020
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	PHYSICS
Classification (IPC)	H05K 3/34 B23K 1/008 G05D 23/19

Inventor

Name	Address	Country	Nat
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Pooja Choudhary	Electronics and Communication Engineering Department, Swami Keshvanand Institute of Technology, Management and Gramothan, Ramnagaria, Jagatpura, Jaipur	India	Indi
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Applicant

Name	Address	Country	Nat
Swami Keshvanand Institute of Technology, Management and Gramothan	Swami Keshvanand Institute of Technology, Management and Gramothan, Ramnagria, Jagatpura, Jaipur	India	Indi
Kiran Rathi	Electronics and Communication Engineering Department, Swami Keshvanand Institute of Technology, Management and Gramothan, Ramnagaria, Jagatpura, Jaipur	India	Indi
Pooja Choudhary	Electronics and Communication Engineering Department, Swami Keshvanand Institute of Technology, Management and Gramothan, Ramnagaria, Jagatpura, Jaipur	India	Indi

Abstract:

The present invention relates to improvements in or related to soldering of electronic components on a printed circuit board by reflow soldering technique. The invention includes multiple zones, at different temperatures, for this purpose. The novelty is in the technique of providing and controlling the energy that the electronic parts (to be soldered) and the printed circuit board get. This novelty ensures that the bodies of electronic components remain below the soldering temperature. High heat is applied o the pcb and the areas to be soldered. Thus the invention minimizes thermal damage to the components. The specially designed system maintains uniform temperature in zone while reducing the amount of energy required for the process. A single microcontroller (with appropriate electronics) is used. Another novelty of the invention is that hands are completely free while the process is carried on. Yet another feature of the said invention is that the components and the pcb are fully visible during the entire pr The preferred embodiment of the invention is cost effective and is also energy efficient.

Complete Specification

The present invention is related to electronics and more particularly a tool useful to soldering of components on a printed circuit board (PCB).

Background of the invention:

Prior-art:

The electrical contacts of an integrated circuit package are coupled to printed circuit board bonding pads that include vias having via channels. In one embodiment, a method for fabricating an electronic assembly utilizes a mask having at least one aperture that overlies the bonding pad without Substantially overlying the bonding pad's via channel. The aperture can be of any shape, including a circle, ellipse, polygon, or a free-form shape. Solder paste is screened through the mask onto the printed circuit board pads but not the via channels. The electrical contacts of a Surface mount technology component Such as a ball grid array component can then be affixed to the bonding pads using a reflow soldering technique according to one embodiment (US 7,036,712 B2). In this previous work the electrical contacts of an integrated circuit package are coupled to printed circuit board bonding pads that include vias having via channels. But our work relates to soldering of electronic components on a printed circuit board by reflow soldering

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Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041039505
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/09/2020
APPLICANT NAME	1 . Mr.S. Magesh 2 . Mr.K.Mahendran 3 . Mrs.V.R.Niveditha 4 . Dr.S.Radha Rammohan 5 . Mrs.N.Jayashri 6 . Mrs.K. Sudha 7 . Dr. R. Vidya 8 . Mr.S.Ramesh 9 . Dr.P.Rajaram 10 . Dr. Pankaj Dadheech 11 . Dr. S.R.Dogiwal
TITLE OF INVENTION	ACCURACY OF OPEN-AIR TEMPERATURE PREDICTION BY SMART WEATHER MONITORING SYSTEM FOR EFFECTIVE ANALYTICS USING IOT DEVICES
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	techiemagesh@gmail.com
ADDITIONAL-EMAIL (As Per Record)	techiemagesh@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	25/09/2020

Application Status

View Documents

Extracts from the Patents Act, 1990

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128 **Application for relief from unjustified threats**

(1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:

(a) a declaration that the threats are unjustifiable; and

(b) an injunction against the continuance of the threats; and

(c) the recovery of any damages sustained by the applicant as a result of the threats.

(2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

Certain threats of infringement proceedings are always unjustifiable.

(1) If:

(a) a person:

(i) has applied for an innovation patent, but the application has not been determined; or

(ii) has an innovation patent that has not been certified; and

(b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;

then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1 **Dictionary**

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent

Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2020101719

The Commissioner of Patents has granted the above patent on 2 September 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

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Pravin R. Kshirsagar of Professor & Head, Electronics & Communication Engineering, AVN Institute of Engineering & Tech. Hyderabad Telangana 501510 India

Susheela Devi B Devaru of Associate Professor, Department of MBA, Dr Ambedkar Institute of Technology Bangalore Karnataka 560056 India

Shamshekhar S Patil of Dr Ambedkar Institute of Technology Bengaluru Karnataka 560056 India

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Loveleen Kumar of Assistant Professor, Computer Sci. & Engineering, Global Institute of Technology, RTU Jaipur Rajasthan 302033 India

Anand Mohan of Formerly Fellow DST Govt.of India, LN Mithila University Darbhanga Bihar 846004 India

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Kailash Kumar of Assistant Professor, College of Computing & Informatics Saudi Electronic University Riyadh Saudi Arabia

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Jyoti Neeli of Global Academy of Technology, Depart. of Information science & Engi. Bengaluru Karnataka 560098 India

Girish H of Associate Professor, Department of ECE, Cambridge Institute of Technology Bengaluru 560036 Karnataka India

Title of invention:

AN ARTIFICIAL INTELLIGENCE AND INTERNET OF THINGS BASED AUTOMATED SYSTEM FOR ANIMAL HEALTH CARE

Dated this 2nd day of September 2020

Commissioner of Patents

PATENTS ACT 1990

Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2020101719

Name of inventor(s):

Dadheech, Pankaj; Kshirsagar, Pravin R.; Devaru, Susheela Devi B.; Patil, Shamshekhar S.; Chaturvedi, Rekha; Kumar, Loveleen; Mohan, Anand; Ray, Abhra Pratip; Aljabr, Ahmad Abdullah; Kumar, Kailash; Tewari, Ranjana; Islam, Saiful; Gulati, Kamal; Neeli, Jyoti and H., Girish

Term of Patent:

Eight years from 7 August 2020

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.

COMMONWEALTH OF AUSTRALIA
AUSTRALIA
PATENT OFFICE

Dated this 2nd day of September 2020

Commissioner of Patents

PATENTS ACT 1990

Extracts from the Patents Act, 1990

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128 **Application for relief from unjustified threats**

(1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:

(a) a declaration that the threats are unjustifiable; and

(b) an injunction against the continuance of the threats; and

(c) the recovery of any damages sustained by the applicant as a result of the threats.

(2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

Certain threats of infringement proceedings are always unjustifiable.

(1) If:

(a) a person:

(i) has applied for an innovation patent, but the application has not been determined; or

(ii) has an innovation patent that has not been certified; and

(b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;

then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1 **Dictionary**

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent

Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2020101562

The Commissioner of Patents has granted the above patent on 19 August 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

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Kamal Gulati of Associate Professor, Quality Support Coordinator - IQAC, Amity University Noida Uttar Pradesh 201303 India

Pankaj Dadheech of Asso. Prof., Depart. of Comp. Sci. & Eng, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) Jaipur Rajasthan 302017 India

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Syed Mufassir Yaseen of PhD Scholar, Lovely Professional University, Phagwara Jalandhar Punjab 144001 India

Syed Irfan Yaqoob of A.P, SSM College of Engineering Kashmir Jammu & Kashmir India

Title of Invention:

Dated this 19th day of August 2020

Commissioner of Patents

Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2020101562

AN ARTIFICIAL INTELLIGENCE AND IOT BASED SYSTEM FOR MONITORING AND DETECTION OF ELECTRICITY THEFT

Name of inventor(s):

Kshirsagar, Pravin R.; Gulati, Kamal; Dadheech, Pankaj; Manjunath, T.C.; Muthusundari, S.; Sreenivasu, S.V.N.; Chandnani, Neeraj; Chandrasekaran, Saravanan; Kumar, Kailash; Chandra, Akkaraju Sailesh; Reddy, G. Divakara; Manju, J. R.; R., Harsha; Yaseen, Syed Mufassir and Yaqoob, Syed Irfan

Term of Patent:

Eight years from 29 July 2020

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.

Dated this 19th day of August 2020

Commissioner of Patents

Extracts from the Patents Act, 1990

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128 **Application for relief from unjustified threats**

(1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:

(a) a declaration that the threats are unjustifiable, and

(b) an injunction against the continuance of the threats, and

(c) the recovery of any damages sustained by the applicant as a result of the threats.

(2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

Certain threats of infringement proceedings are always unjustifiable

(1) If:

(a) a person:

(i) has applied for an innovation patent, but the application has not been determined; or

(ii) has an innovation patent that has not been certified; and

(b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;

then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1 **Dictionary**

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent

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Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041026847
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/06/2020
APPLICANT NAME	1 . Dr.A.N.Swaminathen 2 . Mr. Gourav Purohit 3 . Dr.D.S.Vijayan 4 . Mr.Sachin Sharma 5 . Dr.V.S.Sethuraman 6 . Dr.L.K.Rex 7 . Dr.R.Vidya 8 . Mr.P.Dinesh Kumar 9 . Mr.S.Ramesh 10 . Mr.Akash Johari 11 . Dr.P.Rajaram 12 . Dr.S.Sudhakar
TITLE OF INVENTION	DURABILITY RESPONSE OF HIGH-PERFORMANCE CONCRETE WITH METAKAOLIN AND RICE HUSK ASH
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	answaminathen@gmail.com
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	10/07/2020

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2020
(21) Application No.202041026847 A
(43) Publication Date : 10/07/2020

(54) Title of the invention : DURABILITY RESPONSE OF HIGH-PERFORMANCE CONCRETE WITH METAKAOLIN AND RICE HUSK ASH

(51) International classification :B01J 29/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)Mr.Sachin Sharma
5)Dr.V.S.Sethuraman
6)Dr.L.K.Rex
7)Dr.R.Vidya
8)Mr.P.Dinesh Kumar
9)Mr.S.Ramesh
10)Mr.Akash Johari
11)Dr.P.Rajaram
12)Dr.S.Sudhakar
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4)Mr.Sachin Sharma
5)Dr.V.S.Sethuraman
6)Dr.L.K.Rex
7)Dr.R.Vidya
8)Mr.P.Dinesh Kumar
9)Mr.S.Ramesh
10)Mr.Akash Johari
11)Dr.P.Rajaram
12)Dr.S.Sudhakar

(57) Abstract :
Concrete is a widely used construction material in developing and developed countries in a structure. After several research results across different countries, the growth of concrete is eyed forward towards the growth of its performance. This high-performance concrete holds the different enhanced properties in it, such as durability by proving resistive to chemically varying atmosphere, reduction of CO2 by reducing the amount of cement, increased Ecology balance by balancing natural resources consumption. The vision of this invention extends towards the effect of mineral admixtures on the durability properties of high-performance concrete. To attend effective results such as low porosity, low water absorption, sorptivity, and proportioning of materials has always been the key parameters. M60 grade of concrete used in this experimental work. Curing is done to 3, 7, 14, 28, 56, and 90 days with 3 sample blocks for each curing period. This different mixture of concrete preferred upon further tests where the durability is determined cautiously. The durability properties of partially replaced cement are studied based on compressive strength, water absorption, porosity, and sorptivity. From the studies conducted, it observed that metakaolin and rice husk ash play a vital role in improving the durability of concrete at a later stage and improving the compressive strength at an early age.

No. of Pages : 18 No. of Claims : 4

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GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041026105
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/06/2020
APPLICANT NAME	1 . Dr. G.Rajeshkumar 2 . Dr.S.Sadesh 3 . Dr.S.Gokulraj 4 . Dr. R.Venkatesan 5 . Mrs. T.Priyadarsini 6 . Dr. Pankaj Dadheech 7 . Dr. Hitesh Joshi 8 . Mr. Rajesh Rajaan 9 . Dr. Sanwta Ram Dogiwal 10 . Mr. Sudhir Kumar 11 . Dr.S.Sudhakar
TITLE OF INVENTION	A LOW-COST 4G SMART PHONE DETECTOR AND JAMMER SYSTEM GSM - 900 MHZ AND 1800 MHZ FOR USING MATLAB SIMULINK
FIELD OF INVENTION	COMMUNICATION
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	10/07/2020

Application Status

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GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041015333
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/04/2020
APPLICANT NAME	1 . Dr. Surya Deo Choudhary 2 . Manish Kumar 3 . Dr. Pankaj Dadheech 4 . Dr. Pankaj Kumar 5 . M.K.Mariam Bee 6 . P.Jagadeesh 7 . Dr.R.Lakshmana Kumar 8 . Prof.M.Amala Jayanthi 9 . Dr. Gunasekaran Manogaran 10 . Dr. BalaAnand Muthu 11 . Dr.S.Balamurugan
TITLE OF INVENTION	SENSOR BASED SECURED BANK LOCKER SYSTEM THEREOF
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	sbnbala@gmail.com
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	07/04/2020
PUBLICATION DATE (U/S 11A)	05/06/2020

Application Status

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GOVERNMENT OF INDIA

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Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041020699
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/05/2020
APPLICANT NAME	1 . Mr. Sri Hari Nallamala 2 . Dr. Pankaj Dadheech 3 . Mr. Aabhas Mathur 4 . Dr. K.V. D.Kiran 5 . Mrs. Sushma Chowdary Polavarapu 6 . Dr.S.Geetha 7 . Dr. J. Martin Leo Manickam 8 . Dr. S. Jayasundar 9 . Mrs. Kranthi Madala 10 . Dr J.Madhusudanan 11 . Mr. Veenanand Kakarla
TITLE OF INVENTION	IOT AND BLOCKCHAIN-ENABLED SMART E-VEHICLE CHARGING SYSTEM
FIELD OF INVENTION	COMMUNICATION
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	05/06/2020

Application Status

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GOVERNMENT OF INDIA

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Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202031013658
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	28/03/2020
APPLICANT NAME	1 . Biswa Ranjan Acharya 2 . Dr. Pankaj Dadheech 3 . Puja Das 4 . Dr. Deepti Bala Mishra 5 . Satya Ranjan Dash 6 . Dr. Mohammad Israr 7 . Suresh Chandra Moharana 8 . Anupama Baral 9 . Asik Rahaman Jamader
TITLE OF INVENTION	SYSTEM AND METHOD FOR REAL TIME MONITORING AND PREDICTING HEART HEALTH PERFORMANCE
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	patentminder@gmail.com
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/05/2020

Application Status

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GOVERNMENT OF INDIA

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Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202011015819
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/04/2020
APPLICANT NAME	1 . Dr. Achyut Shankar 2 . Dr.K.Thenmalar 3 . Dr.R.Rohini 4 . Dr.R.Nirmala 5 . Dr. Shuchi Mala 6 . Dr. Thompson Stephan 7 . M.K.Mariam Bee 8 . Dr. Pankaj Dadheech 9 . Dr.S.Balamurugan
TITLE OF INVENTION	SENSOR BASED SYSTEM AND METHOD FOR AUTOMATIC MIRROR ADJUSTMENT IN VEHICLES
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	sbnbala@gmail.com
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	11/04/2020
PUBLICATION DATE (U/S 11A)	15/05/2020

Application Status

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GOVERNMENT OF INDIA

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Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041012885
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/03/2020
APPLICANT NAME	1 . Dr.V.Priya 2 . Dr.S.Sudhakar 3 . Dr.S.Sharavanan 4 . Dr.A.Vishnu Priya 5 . Mrs.C.Karpagavalli 6 . Dr.M.B.Suresh 7 . Ms. K.Vidhya 8 . Dr. Pankaj Dadheech 9 . Mr. Gourav Purohit 10 . Mr.Sachin Sharma 11 . Ms.K.Kiruthiga 12 . Ms.S.Abinaya 13 . Ms.S.Athithi
TITLE OF INVENTION	IOT BASED WATER QUALITY MONITORING FOR TEXTILE INDUSTRY
FIELD OF INVENTION	COMPUTER SCIENCE
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	24/03/2020
PUBLICATION DATE (U/S 11A)	08/05/2020

Application Status

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GOVERNMENT OF INDIA

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Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202011010525
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/03/2020
APPLICANT NAME	Ankit Kumar
TITLE OF INVENTION	A CHATBOT FOR MENTAL HEALTH IMPROVEMENT OF STUDENTS USING NATURAL LANGUAGE PROCESSING AND SENTIMENT ANALYSIS
FIELD OF INVENTION	COMMUNICATION
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	20/03/2020

Application Status

APPLICATION STATUS: **Awaiting Request for Examination**

View Documents

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

➡ Disposed

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GOVERNMENT OF INDIA

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Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041010986
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/03/2020
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TITLE OF INVENTION	IMAGE CAPTCHA CROPPING USING SYMBOLS (ICS)
FIELD OF INVENTION	COMMUNICATION
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	14/03/2020
PUBLICATION DATE (U/S 11A)	20/03/2020

Application Status

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Application Details

APPLICATION NUMBER	202041011771
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/03/2020
APPLICANT NAME	1 . Dr.V. Priya 2 . Dr.S.Sudhakar 3 . Dr.Jayanti Goyal 4 . Dr. Pankaj Dadheech 5 . Dr.Jitendra Singh Chouhan 6 . Mr.Wilson Prakash 7 . Mrs.A.Uma Maheswari 8 . Mr.S.Ramesh 9 . Mr. Sudhir Kumar 10 . Mr. NitinPurohit 11 . Mr.S.Sudhagar
TITLE OF INVENTION	SMART TRAFFIC SYSTEM FOR EMERGENCY VEHICLES USING IOT
FIELD OF INVENTION	COMMUNICATION
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ADDITIONAL-EMAIL (As Per Record)	priya.saravanaraja@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/03/2020
PUBLICATION DATE (U/S 11A)	20/03/2020

Application Status

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Application Details

APPLICATION NUMBER	202041007612
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/02/2020
APPLICANT NAME	1 . Dr.S.Sudhakar 2 . Dr. Pankaj Dadheech 3 . Dr.V. Priya 4 . Dr.A.Sagai Francis Britto 5 . Mr.S.Ramesh 6 . Mrs.M.Divyapushapalakshmi 7 . Mr.V.Ramachandran 8 . Mr.Ankit Kumar 9 . Mr.R.Parthiban 10 . Dr.Hemant Dhabhai
TITLE OF INVENTION	IOT BASED REAL-TIME FUEL EFFICIENCY AND MONITORING SYSTEM FOR A SMART VEHICLE USING MOBILE DEVICE
FIELD OF INVENTION	COMPUTER SCIENCE
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	23/02/2020
PUBLICATION DATE (U/S 11A)	28/02/2020

Application Status

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PATENTS | DESIGNS | TRADE MARKS
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GOVERNMENT OF INDIA

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Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041005771
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/02/2020
APPLICANT NAME	1 . Dr.S.Sudhakar 2 . Dr.S.Raju 3 . Dr. Pankaj Dadheech 4 . Dr.V. Priya 5 . Mr.V.Vinoth Kumar 6 . Dr. T. Avudaiappan 7 . Dr A Syed Musthafa 8 . Dr C.Nallusamy 9 . Dr.K.Prasanth 10 . Dr.E.Punarselvam
TITLE OF INVENTION	AUTOMATED NON INVASIVE BLOOD GROUP DETERMINATION AND CHOLESTEROL LEVEL USING IOT
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	sudhasengan@gmail.com
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	10/02/2020
PUBLICATION DATE (U/S 11A)	21/02/2020

Application Status

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(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2018

(21) Application No.201811034486 A
(43) Publication Date : 28/09/2018

(54) Title of the invention : GRAVITY-DRIVEN ILLUMINATION APPARATUS

(51) International classification	:F01K27/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)Praveen Saraswat
3)Mayank Aggarwal
4)Lakshya Yadav
5)Keshav Mundra
(72)Name of Inventor :
1)Dheeraj Joshi
2)Praveen Saraswat
3)Mayank Aggarwal
4)Lakshya Yadav
5)Keshav Mundra

(57) Abstract :
A gravity-driven illumination apparatus comprises a support frame which is adaptable to be vertically inverted to trigger illumination operation. The support frame houses mechanical units and electrical and electronics units. The mechanical units comprise pinions, weight unit, rack, prop, first coupler gears, second coupler gears, and supporting columns. The electrical and electronics units comprise a DC generator and lighting units. The rack is placed vertically to guide the pinions to rotate on an axis while the weight uni is descending. The descending weight unit converts the gravitational potential energy into rotational kinetic energy. The first coupler gears and second coupler gears couple the pinions so that the prop descend without producing side-thrust. The supporting columns support the prop and prevent the prop from linear falling. The DC generator converts rotational kinetic energy into electrical energy. The lighting units receive the electrical energy from the DC generator.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2018

(21) Application No.201811033875 A
(43) Publication Date : 28/09/2018

(54) Title of the invention : DUAL-AXIS PARABOLIC SOLAR COOKER SYSTEM TO AUTOMATICALLY TRACK SUNLIGHT

(51) International classification	:H02J7/0073
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)Ankit Agarwal
4)Sheetal Kumar Jain
5)Keshav Gupta
6)GHANSHYAM DAS AGRAWAL
7)Navpratap Singh Sran
8)Satyan Vijayvergiya
9)Yogesh Sharma
10)Chandan Kumar
11)Dinesh Kumar Sharma
12)Naveen Kumar Sain
13)Chandan Kumar Prajapati
14)Mahima Bhoi
15)DEEPAK SHARMA
16)BHAVESH JAIN
17)AYUSH DHAMANI
18)ABHISHEK SHARMA

(57) Abstract :
A dual-axis parabolic solar cooker system to automatically track sunlight. The dual-axis parabolic solar cooker system to comprises light dependent resistors (LDRs),micro-controller unit, a plurality of stepper motors, solar panels, a power unit, lead screw, ball bearing, and couplers. The LDRs sense intensity of the sunlight received on the outer surface. The micro-controller unit computes the intensity of the sunlight to determine a direction of the sunlight and further initiates an actuation signal. The plurality of stepper motors are configured with the micro-controller unit to receive the actuation signal.The stepper motors hold a plurality of solar panels and utilize the received actuation signal to position the solar panels in a way to receive the sunlight from the direction having a maximum computed intensity of the sunlight. The plurality of stepper motors comprises front stepper motors, right stepper motors, rear stepper motors, and left stepper motors.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2018

(21) Application No.201811025948 A
(43) Publication Date : 03/08/2018

(54) Title of the invention : PARABOLIC SOLAR COOKER SYSTEM TO TRACK SUNLIGHT IN REAL-TIME

(51) International classification :F24B1/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
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4)Satyan Vijayvergiya
5)Navpratap Singh Sran
6)Chandan Kumar Prajapati
7)Mahima Bhai
8)Jitendra K Sen

(57) Abstract :
A parabolic solar cooker system to track sunlight in real-time. The parabolic solar cooker system comprises light dependent resistors (LDRs), micro-controller unit, a plurality of stepper motors, solar panels, a power unit, lead screw, ball bearing, and coupler. The LDRs sense intensity of the sunlight received on the outer surface. The micro-controller unit computes the intensity of the sunlight to determine a direction of the sunlight and further initiates an actuation signal. The plurality of stepper motors areconfigured with the micro-controller unit to receive the actuation signal.The stepper motors hold a plurality of solar panels and utilize the received actuation signal to position the solar panels in a way to receive the sunlight from the direction having a maximum computed intensity of the sunlight. The plurality of stepper motors comprises a front stepper motor, a right stepper motor, a rear stepper motor, and a left stepper motor.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2018

(21) Application No.201811023286 A
(43) Publication Date : 13/07/2018

(54) Title of the invention : TRACKING PARABOLIC SOLAR COOKER SYSTEM

(51) International classification :F24S20/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)Praveen Saraswat
3)Keshav Gupta
(72)Name of Inventor :
1)Ankit Agarwal
2)Yogesh Sharma
3)Chandan Kumar Prajapati
4)Mahima Bhoi
5)Chandan Kumar

(57) Abstract :
Disclosed is a tracking parabolic solar cooker system. The tracking parabolic solar cooker system comprises light dependent resistors (LDRs), micro-controller unit, stepper motors, solar panels, a power unit, lead screw, ball bearing, and coupler. The LDRs sense the intensity of sunlight received on the outer surface of the LDRs. The micro-controller unit configured with LDRs to compute the intensity of the sunlight to determine a direction of the sunlight. Then the micro-controller unit initiates an actuation signal. The micro-controller unit stores a plurality of instructions pertaining to detection of the direction of the sunlight. The stepper motors are configured with the micro-controller unit to receive the actuation signal. The stepper motors hold a plurality of solar panels and utilize the received actuation signal to position the solar panels in a way to receive the sunlight from the direction having a maximum computed intensity of the sunlight.

No of Pages 23 No of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2018

(21) Application No.201811020033 A
(43) Publication Date : 15/06/2018

(54) Title of the invention : SYSTEM TO PROVIDE AUTOMATIC GEAR CHANGE AND THROTTLE COUPLED TO GEAR LEVER OF SPORTS VEHICLE

(51) International classification :F16D65/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)Suraj Kumar
7)Anand Kumar
(72)Name of Inventor :
1)Dr. Ashish Nayyar
2)Praveen Saraswat
3)Rajendra Singh Chundawat
4)Keshav Gupta
5)Rajeev Ratna Singh
6)Suraj Kumar
7)Anand Kumar

(57) Abstract :
A system to provide automatic gear change and throttle coupled to a gear lever of a sports vehicle. The system comprises an electronic enclosure adapted to house a potentiometric switch to provide a numerical value from 0 to 1023 on detecting a movement in a jockey from a minimum range to maximum range, wherein the provided numerical value determines a throttle input. A neutral switch to notify neutral position of the engine. The first microcontroller unit stores data of the neutral position of the engine. The second microcontroller unit receives the throttle input from the potentiometric switch to transmit data of the throttle position to the first microcontroller unit. The servo motor receives a command from the second microcontroller unit to rotate in a calibrated amount to actuate a throttle by rotating an attached butterfly valve. The second microcontroller unit controls the servo motor for throttling. The proximity sensor senses the RPM of a rear axle of the sports vehicle and transmits the sensed data to the first microcontroller unit.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2018

(21) Application No.201811002382 A
(43) Publication Date : 26/01/2018

(54) Title of the invention : TWO WHEELER VEHICLE TO PREVENT BACK ACHE FOR RIDER

(51) International classification :B60N 2/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)Kishanlal Suthar
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(72)Name of Inventor :
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3)Kishanlal Suthar
4)Dr. Ghanshyam Das Agrawal
5)Sheetal Kumar Jain
6)Praveen Kumar Jain
7)Ashish Nayyar

(57) Abstract :
Present invention relates to a two wheeler vehicle, designed so as to provide back comfort for a rider. More particularly, present invention relates to a two wheeler vehicle, which has a front rake of 55 degrees. The vehicle comprises of a swing arm modified so as to hold shockers above hub of the rear tire.

No. of Pages : 9 No. of Claims : 5