

पेटेंट कार्यालय  
शासकीय जर्नल

**OFFICIAL JOURNAL  
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शुक्रवार  
**FRIDAY**

दिनांक: 04/06/2021  
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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

## **INTRODUCTION**

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01<sup>st</sup> January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

**( Shri Rajendra Ratnoo )**  
**CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS**

**4<sup>th</sup> JUNE, 2021**

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(54) Title of the invention : WIRELESS SENSOR BASED ARTIFICIAL INTELLIGENCE SYSTEM AND DEVICE FOR FETAL HEALTH MONITORING DURING PREGNANCY

<p>(51) International classification :A61B0005024000, A61B0005000000, A61B0005080000, A61B0005020500, A61B0010000000</p> <p>(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</p>	<p>(71)Name of Applicant :</p> <p><b>1)Dr.Vijay Dhir</b> Address of Applicant :Professor, Computer Science and Engineering, Sant Baba Bhag Singh University, Village Khiala, Padhiana, Punjab 144030,India Punjab India</p> <p><b>2)Dr.Harpreet Kaur</b> <b>3)Mr. Dhiraj Kapila</b> <b>4)Dr. Chethana Prakash</b> <b>5)Dr.Shantanu Saurabh</b> <b>6)Dr.Sivakumar Sathasivam</b> <b>7)Dr.Suresh Arumugam</b> <b>8)P.Yuvaraj</b> <b>9)Bhaskar Roy</b> <b>10)S.Sam Karthik</b> <b>11)Bikas Mondal</b> <b>12)Ramkrishna Rakshit</b> <b>13)Dr.S.Balamurugan</b></p> <p>(72)Name of Inventor :</p> <p><b>1)Dr.Vijay Dhir</b> <b>2)Dr.Harpreet Kaur</b> <b>3)Mr. Dhiraj Kapila</b> <b>4)Dr. Chethana Prakash</b> <b>5)Dr.Shantanu Saurabh</b> <b>6)Dr.Sivakumar Sathasivam</b> <b>7)Dr.Suresh Arumugam</b> <b>8)P.Yuvaraj</b> <b>9)Bhaskar Roy</b> <b>10)S.Sam Karthik</b> <b>11)Bikas Mondal</b> <b>12)Ramkrishna Rakshit</b> <b>13)Dr.S.Balamurugan</b></p>
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## (57) Abstract :

The Wireless Sensor-based Artificial Intelligence System for Fetal Health Monitoring During Pregnancy (WSAIFHM) helps the user to make use of the WSAIFHM by the user itself to know the current status of the basic fetal and maternal health without going to the hospital. Sensors in the wearable elastic belt are sensing the fetal health data like heartbeat rate, size, and positions, movements, etc., and fetal surrounding data like amniotic fluid, etc., and mother heartbeat rate and breathing pattern while using the belt. These values are transferred to the WSAIFHM control unit dynamically. The WSAIFHM control unit analyzes and predicts the data and makes the necessary reports/warnings through the smartphone display and speaker to the user using a wireless antenna. The user can know the basic information about fetal health daily/whenever required. The control unit communicates with the registered stakeholders (hospital, doctor, nurse, relatives) through text messages, graphs, and voice calls about the fetal and mothers' current situations based on the sensed data. If any unexpected data then the user can contact the hospital immediately. The stakeholders are helping the user when the information is received. The WSAIFHM control unit is monitoring the successful functioning of the whole WSAIFHM system. By using this WSAIFHM, the user can make use of the WSAIFHM by the user itself to know the current status of the basic fetal and maternal health without going to the hospital and protect from unexpected situations.

No. of Pages : 15 No. of Claims : 3

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## **INTRODUCTION**

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**CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS**

**7<sup>TH</sup> MAY, 2021**

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<b>REGISTRATION OF DESIGNS</b>	<b>: 23318 – 23385</b>

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(21) Application No.202111020013 A

(19) INDIA

(22) Date of filing of Application :01/05/2021

(43) Publication Date : 07/05/2021

(54) Title of the invention : SYSTEM FOR MONITORING AND MANAGING MEDICAL OXYGEN TO COVID PATIENTS USING BLOCKCHAIN AND IOT

(51) International classification	:H04L0009320000, A61M0016000000, F17C0013080000, G06Q0010080000, G06Q0050260000	(71) <b>Name of Applicant :</b> <b>1)Mr. Dhiraj Kapila</b> Address of Applicant :Assistant Professor, Department of Computer Science, Lovely Professional University, Phagwara, Punjab-144411, India Punjab India
(31) Priority Document No	:NA	<b>2)Dr.Vijay Dhir</b>
(32) Priority Date	:NA	<b>3)Dr.S.Balamurugan</b>
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)Mr. Dhiraj Kapila</b>
Filing Date	:NA	<b>2)Dr.Vijay Dhir</b>
(87) International Publication No	: NA	<b>3)Dr.S.Balamurugan</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

The System for Monitoring and Managing Medical Oxygen to COVID Patients using Blockchain and IoT (MMMOCP) helps the government/hospitals/patients to make use of the MMOCP to supply the oxygen cylinder uninterruptedly and automatically using blockchain technology. The oxygen manufacturing company is producing oxygen cylinders. The godown is used to store the cylinders. The unique RFID tag id for each cylinder is used to indicate the status of the cylinder and all cylinder information is stored in the blockchain database. The transport vehicle provides the transporting facility of the cylinders between different places. The government hospitals are acting as a central repository of the cylinder and do supply the cylinders whenever the requirements come. The oxygen tank is to store the oxygen. The cylinders are used by the patients in the patient ward. The oxygen tank helps to store the oxygen. The green, blue and red colored RFID tag id indicates that the cylinder is in godown, in transit, and used by the patients respectively. If the oxygen cylinder stock goes below 40% then the system automatically places the order to the manufacturing company. The MMOCP control unit helps to monitoring and managing the successful functioning of the whole MMOCP system. By using this MMOCP, the government/hospitals/patients to make use of the MMOCP to supply the oxygen cylinder uninterruptedly and automatically using blockchain technology.

No. of Pages : 16 No. of Claims : 3



## Application Details

APPLICATION NUMBER	202111055367
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	30/11/2021
APPLICANT NAME	1 . Er. GURPREET SINGH 2 . DR. JAGDEEP KAUR 3 . DR. NARENDRA VG 4 . MR. ANAND RANJAN 5 . Dr. VANI AGRAWAL 6 . Dr. PARUL GANDHI 7 . M .D. ANANDA RAJ 8 . DR. AJAY KUMAR BHARTI 9 . Dr. Madhumita Kathuria 10 . Mr. PANKAJ NEGI 11 . Shivam Tiwari
TITLE OF INVENTION	A MACHINE LEARNING BASED SYSTEM FOR AGRICULTURAL PRODUCTS TO PREDICT QUALITY AND METHOD THEREOF
FIELD OF INVENTION	COMPUTER SCIENCE
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**Application Details**

APPLICATION NUMBER	202231002703
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/01/2022
APPLICANT NAME	1 . Mr. Mushtaque Ahmad 2 . Ms.KOMAL SHARMA 3 . Dr.R.Vijayakumar 4 . Dr.B.T.Geetha 5 . Ms. Samridhi singh 6 . Dr Tushar Gunwantrao Shende 7 . Ms.PAYAL SACHDEV 8 . Dr. SAURABH SHARMA 9 . Mr. Priyank Arora 10 . Mr. Y. M. Mahaboobjohn
TITLE OF INVENTION	IOT AND ARTIFICIAL INTELLIGENCE BASED CONTROLLING OF SMART MOVABLE ROAD DRIVER AND CLEARANCE AMBULANCE PATH
FIELD OF INVENTION	COMPUTER SCIENCE
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APPLICATION NUMBER	202141048338
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/10/2021
APPLICANT NAME	1 . Arumugam Ranjith 2 . Dr. Subhabrata Banerjee 3 . Dr. Shashi 4 . Dr. Priyanka Pandey 5 . Mr. Y. M. MAHABOOBJOHN 6 . Mr. Praful V. Nandankar 7 . Dr. Saurabh Sharma 8 . Mr. Piyush kumar yadav 9 . Dr. Brijesh Sathian 10 . Mr. Satyam Kumar Upadhyay 11 . Dr. Dharmendra Kumar Singh
TITLE OF INVENTION	IMPLEMENTATION OF HUMAN HEALTH MONITORING SYSTEM USING IOT.
FIELD OF INVENTION	COMMUNICATION
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Application Details	
APPLICATION NUMBER	202141049180
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/10/2021
APPLICANT NAME	1 . Arumugam Ranjith 2 . DR.S.SELVAKANI 3 . Ms. Meenakshi Mataray 4 . Ms. S.Padma Priya 5 . Dr. Saurabh Sharma 6 . Mr. Y. M. MAHABOOBJOHN 7 . Mrs. Anu Yadav 8 . Mr.Mohamed Suhail. M 9 . Dr. M. CHARLES AROCKIARAJ 10 . Mr. Sachin Sharma 11 . Dr. Priyanka Pandey
TITLE OF INVENTION	IOT BASED SPEED MONITORING USING PROXIMITY SENSOR.
FIELD OF INVENTION	COMMUNICATION
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APPLICANT NAME	1 . Mr. Mushtaque Ahmad 2 . Ms.KOMAL SHARMA 3 . Dr.R.Vijayakumar 4 . Dr.B.T.Geetha 5 . Ms. Samridhi singh 6 . Dr Tushar Gunwantrao Shende 7 . Ms.PAYAL SACHDEV 8 . Dr. SAURABH SHARMA 9 . Mr. Priyank Arora 10 . Mr. Y. M. Mahaboobjohn
TITLE OF INVENTION	IOT AND ARTIFICIAL INTELLIGENCE BASED CONTROLLING OF SMART MOVABLE ROAD DRIVER AND CLEARANCE AMBULANCE PATH
FIELD OF INVENTION	COMPUTER SCIENCE
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Application Details	
APPLICATION NUMBER	202241001812
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/01/2022
APPLICANT NAME	1 . Dr. C Gnana Kousalya 2 . Dr. G Rohini 3 . Mrs.S.Tephillah 4 . Mrs. Akilandeswary G 5 . Mr.Bino. J 6 . Dr.Manoranjan Dash 7 . Prof.Ayasakanta Mohanty 8 . Dr. SAURABH SHARMA 9 . Mr. Y. M. Mahaboobjohn 10 . Dr.Reshma V.K
TITLE OF INVENTION	IoT and Machine Learning based System to Identify Drowning Occurrences in Swimming- Pools
FIELD OF INVENTION	COMPUTER SCIENCE
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### Application Details

APPLICATION NUMBER	202241007181
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/02/2022
APPLICANT NAME	1 . Krishna Kumar N J 2 . Dr. B. Srinivasa Rao 3 . Dr. Shashikumar D R 4 . Ms. Nirmal Kaur 5 . Dr.G.Manikandan 6 . Dr. Umesh Sehgal 7 . Dr. SAURABH SHARMA 8 . TAMILSELVI T 9 . Priyank Arora 10 . Bhaskar Kapoor
TITLE OF INVENTION	Medical Data Security using Cryptography with Wireless Network Environment
FIELD OF INVENTION	COMMUNICATION
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APPLICANT NAME	1 . Dr. T. GUNASEKAR 2 . Dr P. Mercy 3 . Dr. E Sarva rameswarudu 4 . Ms. Lipsa Das 5 . Dr S. Christopher 6 . Mr. Lalit Johari 7 . Dr. Rajeev Kumar Shakya 8 . Dr. SAURABH SHARMA 9 . Dr. UMESH SEHGAL 10 . Ms. NIRMAL KAUR
TITLE OF INVENTION	Vedic-Mathematics based Effective High- Speed and Low Power Multiplier Architecture using for DSP Application
FIELD OF INVENTION	COMPUTER SCIENCE
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APPLICANT NAME	1 . Prof.(Dr). R.K Bathla 2 . Deepak Jyoti 3 . Dr. M Siva Sangari 4 . Dr. Mukesh Kumar 5 . Dr. Jay Prakash Srivastava 6 . Navneet Kaur Sandhu 7 . Dr. Umesh Sehgal 8 . Mrs. Bhavana Sharma 9 . Mrs. Bhawna Sachdeva 10 . Dr. Nirajkumar Mehta 11 . Dr. Pavithra G. 12 . Dr. T.C.Manjunath
TITLE OF INVENTION	INTELLIGENT SYSTEM AND METHOD FOR RECOGNIZING ABNORMAL VEHICLE PLATE THROUGH THE USE OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
FIELD OF INVENTION	COMPUTER SCIENCE
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APPLICANT NAME	1 . Dr. Ajay Jangra 2 . Sompal 3 . Prof. (Dr). R.K Bathla 4 . Priyanka Jangra 5 . Dr. Kumari Priyanka 6 . Prof. Sunil Kr Pandey 7 . Dr. Umesh Sehgal 8 . Rahul Thour 9 . Ankit Singh Bartwal 10 . Dr. Ashish Manohar Urkude 11 . Dr. Pasupathi Perumalsamy
TITLE OF INVENTION	INTELLIGENT SYSTEM FOR PERSONAL HEALTH MANAGEMENT PLATFORM BASED BIG DATA & ARTIFICIAL INTELLIGENCE
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	patentpublication@gmail.com
ADDITIONAL-EMAIL (As Per Record)	patentpublication@gmail.com
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**Application Details**

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APPLICANT NAME	1 . Prof.(Dr.) R.K. Bathla 2 . Dr. Ajay Jangra 3 . Prof. Sunil Kr Pandey 4 . Dr. Surender Kumar 5 . Dr. Harish Kumar 6 . Piyush Gupta 7 . Dr. Umesh Sehgal 8 . Nida Rahat 9 . Er. Amanpreet Singh 10 . Er.Rajinder Kumar 11 . Varun Sharma
TITLE OF INVENTION	SYSTEM FOR CROP HEALTH ASSESSMENT AND MONITORING WITH INCORPORATING WEATHER FORECASTING DATA USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	patentpublication@gmail.com
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APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/12/2021
APPLICANT NAME	1 . Ms. Vandana 2 . Prof. Sunil Kr Pandey 3 . Prof (Dr.) Pragi 4 . Dr. Garima Kapoor 5 . Dr. Ravi Kant 6 . Davinder Kumar 7 . Dr Umesh Sehgal 8 . Er. Amanpreet Singh 9 . Mrs. Neetu Bhadouria 10 . Prof.(Dr.) R.K. Bathla 11 . Mr. Ankush Bathla
TITLE OF INVENTION	SYSTEM FOR WEARABLE AND REAL TIME TELEMEDICAL HEALTH CARE USING ARTIFICIAL INTELLIGENCE AND INTERNET OF THINGS
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	patentpublication@gmail.com
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Application Details	
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APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/01/2022
APPLICANT NAME	1 . Dr. T. GUNASEKAR 2 . Dr P. Mercy 3 . Dr. E Sarva rameswarudu 4 . Ms. Lipsa Das 5 . Dr S. Christopher 6 . Mr. Lalit Johari 7 . Dr. Rajeev Kumar Shakya 8 . Dr. SAURABH SHARMA 9 . Dr. UMESH SEHGAL 10 . Ms. NIRMAL KAUR
TITLE OF INVENTION	Vedic-Mathematics based Effective High- Speed and Low Power Multiplier Architecture using for DSP Application
FIELD OF INVENTION	COMPUTER SCIENCE
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### Application Details

APPLICATION NUMBER	202241007181
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/02/2022
APPLICANT NAME	1 . Krishna Kumar N J 2 . Dr. B. Srinivasa Rao 3 . Dr. Shashikumar D R 4 . Ms. Nirmal Kaur 5 . Dr.G.Manikandan 6 . Dr. Umesh Sehgal 7 . Dr. SAURABH SHARMA 8 . TAMILSELVI T 9 . Priyank Arora 10 . Bhaskar Kapoor
TITLE OF INVENTION	Medical Data Security using Cryptography with Wireless Network Environment
FIELD OF INVENTION	COMMUNICATION
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### Application Details

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APPLICATION TYPE	ORDINARY APPLICATION
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APPLICANT NAME	1 . THIYAGARAJAN ANITHA 2 . Dr.P.Ramkumar, Kalasalingam Academy of Research and Education (Kalasalingam Deemed to be University) 3 . Dr.V.Sathish Kumar, Government College of Engineering 4 . Dr.K.Kannan, Sreenidhi Institute of Science and Technology 5 . Dr.C.Rajendran, Sri Krishna College of Engineering and Technology 6 . Dr.T.J.Nagalakshmi, Saveetha School of Engineering 7 . Ms.R.Mamatha, Government S K S J T Institute 8 . Dr.Harpreet Kaur, Sant Baba Bhag Singh University 9 . Er.Harjit Kaur, Sant Baba Bhag Singh University 10 . Ms.G.Deena, SRM Institute of Science and Technology 11 . Dr.N.Suganthi, SRM Institute of Science and Technology
TITLE OF INVENTION	IOT BASED INFANT HEALTH MONITORING SYSTEM
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
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(54) Title of the invention : IOT BASED INFANT HEALTH MONITORING SYSTEM

(51) International classification :A61B0005000000, A61B0005145500, A61B0005110000, A61B0005024000, A61M0016060000

(86) International Application No :PCT//  
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(87) International Publication No : NA

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Filing Date :NA

(62) Divisional to Application Number :NA  
Filing Date :NA

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(57) Abstract :  
 This invention provides a wearable sensor device for monitoring health of an infant using wireless sensor systems. A sensing module for gathering health data from a patient, the sensing module comprising: a body and an arm extending away from the body, and a pulse oximeter sensor disposed longitudinally upon the arm of the sensing module; a sock that is configured to removably hold the sensing module, the sock comprising: a pocket configured to removably hold at least a portion of the sensing module, and an alignment feature configured to guide the arm of the sensing module such that the pulse oximeter sensor disposed upon the arm is configured to be held in close contact with the patient; a processing unit configured to execute computer-readable instructions that when executed cause the wearable sensor system to: receive from the pulse oximeter sensor at least a blood-oxygen level of the patient; identify a particular alarm level based upon a health reading relating to the blood-oxygen level of the patient; elevate the particular alarm level to a higher alarm level based upon a reading received from an accelerometer that indicates an attribute of the patient other than blood-oxygen level, wherein the particular attribute comprises an indication that the patient is in a particular position; and trigger an alarm alert at the higher alarm level.



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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

## **INTRODUCTION**

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01<sup>st</sup> January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

**( Shri Rajendra Ratnoo )**  
**CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS**

**23<sup>RD</sup> APRIL, 2021**

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REGISTRATION OF DESIGNS	: 21310 – 21377

(54) Title of the invention : WEARABLE DEVICE FOR SENSING AND PREDICTING UNEXPECTED ACCIDENTAL LIFE SITUATIONS USING MOBILE CROWD SENSING

<p>(51) International classification</p> <p>(31) Priority Document No</p> <p>(32) Priority Date</p> <p>(33) Name of priority country</p> <p>(86) International Application No Filing Date</p> <p>(87) International Publication No</p> <p>(61) Patent of Addition to Application Number Filing Date</p> <p>(62) Divisional to Application Number Filing Date</p>	<p>:G01D0021020000, G06Q0010060000, A63B0024000000, A61B0005010000, G08B0021040000</p> <p>:NA</p> <p>:NA</p> <p>:NA</p> <p>:NA</p> <p>:NA</p> <p>: NA</p> <p>:NA</p> <p>:NA</p> <p>:NA</p> <p>:NA</p>	<p>(71)Name of Applicant :</p> <p><b>1)Dr Angeline Prasanna G</b> Address of Applicant :Associate Professor, Department of Computer Applications, Karpagam Academy of Higher Education (Deemed to be University), Pollachi Main Road, Eachanari Post, Coimbatore 641021, Tamil Nadu, India. Tamil Nadu India</p> <p><b>2)Dr. Anuranjan Misra</b></p> <p><b>3)Dr.K.Dhayalini</b></p> <p><b>4)Dr Sharick Shamsi</b></p> <p><b>5)Shabana Khan</b></p> <p><b>6)Dr Prasanna Kumar Singh</b></p> <p><b>7)Krishnapriya M</b></p> <p><b>8)Dhiraj Kapila</b></p> <p><b>9)Dr.Vijay Dhir</b></p> <p><b>10)S. Karthik</b></p> <p><b>11)Bhabani Shankar Dey</b></p> <p><b>12)Dr.S.Balamurugan</b></p> <p>(72)Name of Inventor :</p> <p><b>1)Dr Angeline Prasanna G</b></p> <p><b>2)Dr. Anuranjan Misra</b></p> <p><b>3)Dr.K.Dhayalini</b></p> <p><b>4)Dr Sharick Shamsi</b></p> <p><b>5)Shabana Khan</b></p> <p><b>6)Dr Prasanna Kumar Singh</b></p> <p><b>7)Krishnapriya M</b></p> <p><b>8)Dhiraj Kapila</b></p> <p><b>9)Dr.Vijay Dhir</b></p> <p><b>10)S. Karthik</b></p> <p><b>11)Bhabani Shankar Dey</b></p> <p><b>12)Dr.S.Balamurugan</b></p>
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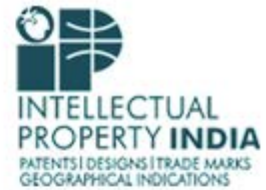
(57) Abstract :

The Wearable Device for Sensing and Predicting Unexpected Accidental Life Situations using Mobile Crowd Sensing (WDSPAS) helps the user to make use of the WDSPAS in an automatic manner. Sensors in the smartwatch are sensing user health data like heartbeat rate, body pressure, and temperature, etc., and user surrounding data like nearby objects, radiation level, gas level, and sounds, etc. and environmental data like wind speed, wind directions, humidity, and temperature, etc. in an automatic manner. These values are transferred to the WDSPAS control unit dynamically. The WDSPAS control unit analyzes and predicts the data and makes necessary warnings through the smartwatch display and speaker to the user. The control buttons are used to control the smartwatch. The control unit communicates with the registered stakeholders (Relatives, fire service, hospitals, and ambulance) through text messages and voice calls about the user's current situations based on the sensed data. The stakeholders are helping the user when the information is received. The WDSPAS control unit is monitoring the successful functioning of the whole WDSPAS system. By using this WDSPAS, the user can make use of the WDSPAS in an automatic manner to get alert messages and protect from unexpected accidental real-life situations.

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### Application Details

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DATE OF FILING	14/11/2021
APPLICANT NAME	1 . Ms. Anjali Malik 2 . Er. Gurpreet Singh 3 . Dr. Sarika Agarwal 4 . Prof Monika Agrawal 5 . Ms. Supriya Ashok Bhosale 6 . Dr. Sheshang Degadwala
TITLE OF INVENTION	MACHINE LEARNING AND IOT BASED SYSTEM AND PROCESS FOR MEDICAL DATA-PATTERN IDENTIFICATION
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
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### Application Details

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APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	28/12/2021
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TITLE OF INVENTION	IMAGE PROCESSING BASED METHODOLOGY FOR IMAGE SEGMENTATION OF BRAIN TUMORS USING ARTIFICIAL INTELLIGENCE AND DEEP LEARNING
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
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APPLICATION NUMBER	202241002495
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/01/2022
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TITLE OF INVENTION	A Blockchain-based interface for secret remote communication through a smartphone using wireless sensor network
FIELD OF INVENTION	COMMUNICATION
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FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
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#### Application Details

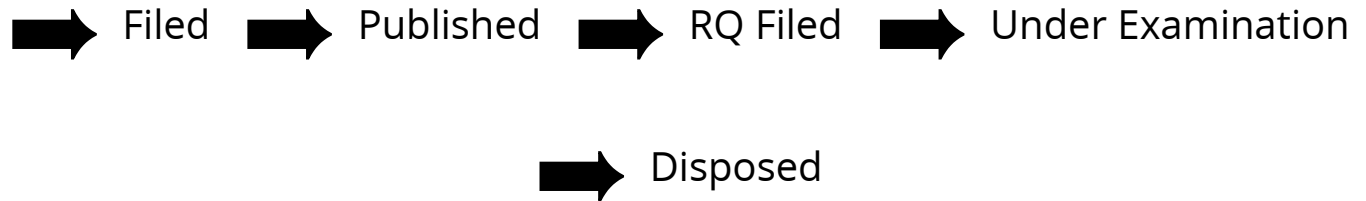
APPLICATION NUMBER	202211010902
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/03/2022
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TITLE OF INVENTION	AN AI BASED SYSTEM FOR PEER-TO-PEER (P2P) PAYMENT WITH SECURITY PROTECTION FOR PAYEE
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#### Application Status

APPLICATION STATUS

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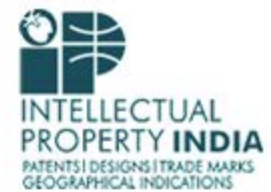
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### Application Details

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TITLE OF INVENTION	IOT based contraption observation and Electrical control Structure
FIELD OF INVENTION	COMMUNICATION
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APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/11/2021
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TITLE OF INVENTION	IOT AND CLOUD BASED INTELLIGENT TOLL GATE COLLECTION SYSTEM
FIELD OF INVENTION	ELECTRONICS
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APPLICATION NUMBER	202241003733
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/01/2022
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TITLE OF INVENTION	Vedic-Mathematics based Effective High- Speed and Low Power Multiplier Architecture using for DSP Application
FIELD OF INVENTION	COMPUTER SCIENCE
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