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**A61K 36/54** (2006.01)

**A61K 36/185** (2006.01)

**A61P 3/08** (2006.01)

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Die folgenden Angaben sind den vom Anmelder eingereichten Unterlagen entnommen.

(54) Bezeichnung: **Polykräuterformulierung für Diabetes**

(57) Hauptanspruch: Polykräuterformulierung zur Behandlung von Diabetes, dadurch gekennzeichnet, dass die Zusammensetzung ethanolische Extrakte einer Vielzahl von Pflanzen, umfassend *Trigonella foenum-graecum*, *Cinnamomum zeylanicum*, *Punica granatum* und *Azadirachta Indica*, umfasst.

# Urkunde

über die Eintragung des  
Gebrauchsmusters Nr. 20 2022 100 893

**Bezeichnung:**

Polykräuterformulierung für Magengeschwür

**IPC:**

A61K 36/9068

**Inhaber/Inhaberin:**

Gupta, Prakash Chandra, Dr., Kanpur, IN  
Katiyar, Pratima, Dr., Kanpur, IN  
Kushwaha, Kalpana, Dr., Kanpur, IN  
Sharma, Ajay Kumar, Dr., Kanpur, IN  
Sharma, Nisha, Dr., Kanpur, IN  
Singh, Vikram, Prayagraj, IN  
Tiwari, Mamta, Kanpur, IN  
Verma, Smita, Jaunpur, IN  
Yadav, Nishant, Kanpur, IN

**Tag der Anmeldung:**

17.02.2022

**Tag der Eintragung:**

26.02.2022

Die Präsidentin des Deutschen Patent- und Markenamts



Cornelia Rudloff-Schäffer

München, 26.02.2022





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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

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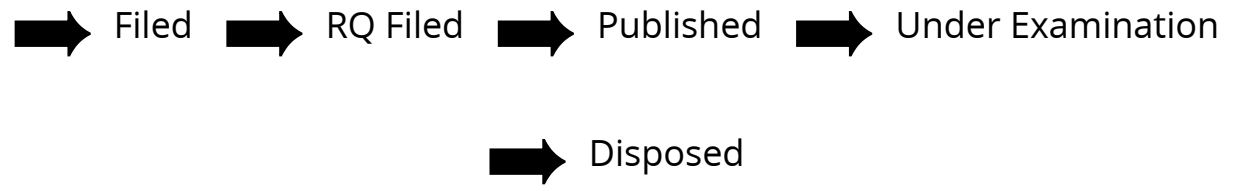
#### Application Details

APPLICATION NUMBER	202211013943
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	15/03/2022
APPLICANT NAME	1 . Dr. (Mrs.) KALPANA 2 . Mrs. PRATIMA Katiyar 3 . Dr. NISHA Sharma 4 . Dr. PRAKASH Chandra Gupta
TITLE OF INVENTION	MOUTH DISSOLVING FILM OF NORFLOXACIN AND ISONIAZID
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vijay@patlex.in
ADDITIONAL-EMAIL (As Per Record)	vijay@patlex.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	15/03/2022
PUBLICATION DATE (U/S 11A)	25/03/2022
REPLY TO FER DATE	10/06/2022

#### Application Status

APPLICATION STATUS	<b>Application in Hearing</b>
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**OFFICIAL JOURNAL  
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निर्गमन सं. 08/2022  
ISSUE NO. 08/2022

शुक्रवार  
**FRIDAY**

दिनांक: 25/02/2022  
DATE: 25/02/2022

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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211006902 A

(19) INDIA

(22) Date of filing of Application :09/02/2022

(43) Publication Date : 25/02/2022

(54) Title of the invention : CELL CAPACITY EVALUATION USING FIFTH GENERATION WLAN AND IEEE 802.11AX FOR VBR TRAFFIC.

(51) International classification :H04W0084120000, H04W0074080000, H04W0028020000, H04W0040200000, H04M0003220000

(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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**3)Dr. Sushanta Kumar Mandal**

**4)Dr. B. Shivalal Patro**

**5)Prof. (Dr.) Manish Sharma**

**6)Dr. Sahil Thakar**

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

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Address of Applicant :Assistant Professor, School of Electronics Engineering KIIT Deemed to be University,Bhubaneswar-751024, Odisha, India -----

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Address of Applicant :Professor, Department of Physics, School of Basic Sciences ,Bahra University, Shilma Hills, Shimla, Himachal Pradesh, India. -----

**6)Dr. Sahil Thakar**

Address of Applicant :Reader , Department of Public Health Dentistry Himachal Dental College, Sundernagar Himachal Pradesh, India -----

(57) Abstract :

Our Invention Cell Capacity Evaluation utilizing Fifth Generation WLAN and IEEE 802.11ax for VBR Traffic. is surveying the amount of Voice over WiFi (VoWiFi) calls conceivable inside a WLAN standard section considering variable piece rate (VBR) Traffic. Accepting the telephone signal isn't true to form accessible by the clients, then, issues associated with call drops and clarity in voice calls may occur. To avoid such issues, the clients will connect with the nearest way and start making choices. Interacting with the nearest WiFi switch will resolve the issues associated with signal strength and call drop. We have proposed an instrument where the conceivable number of calls inside a WiFi section can be evaluated without hampering the Quality of Service (QoS) of existing VoWiFi calls. Here, portrayed VoWiFi as Voice over Internet Protocol (VoIP) over WiFi (VoWiFi). In our model, we used Arbitration Inter-Frame Spacing (AIFS) to work with a ton of VoWiFi calls than DCF Inter-Frame Spacing (DIFS). Additionally, to prevent the wastage of WLAN information transmission on account of establishment upheaval, we evaluated the cell furthest reaches of a WLAN standard outfitting VoWiFi organization with and without Request to Send (RTS) and Clear to Send (CTS) expansions using VBR traffic. Furthermore, we have differentiated the result and consistent piece rate (CBR) traffic. On account of the creating number of obstructions that block the Line of Sight (LOS) of correspondence, cell clients can't get a dependable Quality of Service (QoS) during conversation.

No. of Pages : 13 No. of Claims : 7



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 Government of India

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### Application Details

APPLICATION NUMBER	202141047867
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/10/2021
APPLICANT NAME	1 . MR. V ASHOK KUMAR 2 . MR. HEMANT KUMAR 3 . DR. K VIJILA RANI 4 . DR. S SUGUMARAN 5 . MS. R. ASMITHA SHREE 6 . DR. G. KIRUTHIGA 7 . MS. D. NIRMALA 8 . MS. R. NITHYA 9 . DR. S. SREE PRIYA
TITLE OF INVENTION	HYBRID MEMORY CUBEORIENTED IMAGE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORK
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	iprassistance@yahoo.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	26/11/2021

### Application Status



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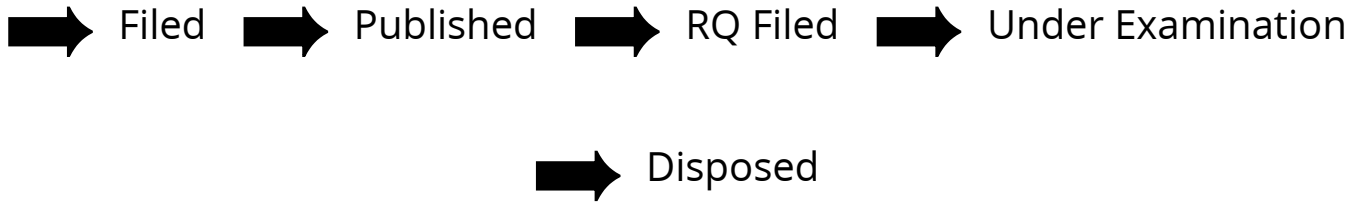
Application Details	
APPLICATION NUMBER	202211050445
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/09/2022
APPLICANT NAME	1 . Dr SURENDRA KUMAR YADAV 2 . PALI SAHU 3 . MR.SHIVSHANKAR PURUSHOTTAM MORE 4 . Dr. SURYAKANT BHANUDAS BORUL 5 . RATIKA MEHRA 6 . Dr.S.MANGAYARKARASI 7 . MRS. LAVANYA M 8 . PRIYA.B 9 . Dr. DROUPTI YADAV 10 . PRASHANT KULKARNI 11 . Dr. JYOTI PRASAD PATRA 12 . GOWRI K
TITLE OF INVENTION	MACHINE LEARNING BASED APPROACH INTEGRATED WITH THE ASPECTS OF PHOTOCATALYSIS FOR SAFEGUARDING THE ENVIRONMENT FROM POLLUTION CAUSED BY AUTOMOBILE
FIELD OF INVENTION	PHYSICS
E-MAIL (As Per Record)	sgowthami12@gmail.com
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/09/2022

### Application Status

APPLICATION STATUS

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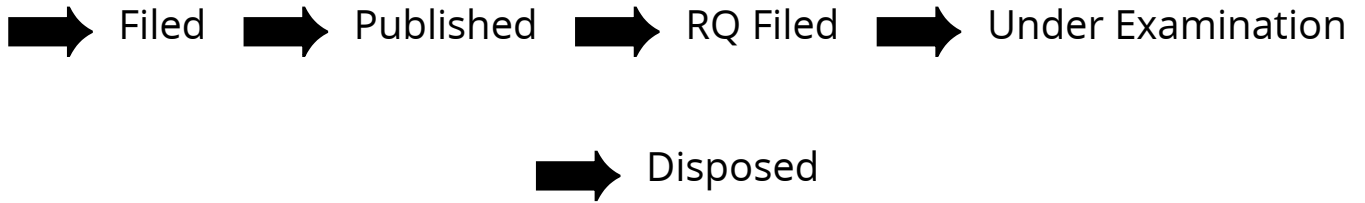
Application Details	
APPLICATION NUMBER	202211059592
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/10/2022
APPLICANT NAME	1 . Dr SURENDRA KUMAR YADAV 2 . LOGESHWARI DHAVAMANI 3 . Dr SUMANTA BHATTACHARYA 4 . CHHAVI SHARMA 5 . Dr. DROUPTI YADAV 6 . NEHA GARDG 7 . HARSHITA CHAURASIYA 8 . Dr. HUKMA RAM 9 . RAVI SHARMA 10 . Prof. Dr.VIVEK SINGH KISHWAH 11 . Dr.A.SASI KUMAR 12 . Dr P JOEL JOSEPHSON
TITLE OF INVENTION	SYSTEMATIC APPROACH INTEGRATED WITH CONVOLUTIONAL NEURAL NETWORK FOR PREDICTING THE AIR POLLUTION AND AIR POLLUTANTS IN INDUSTRIAL AREA
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/11/2022

Application Status

APPLICATION STATUS

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(54) Title of the invention : SYSTEM AND METHOD FOR DATA-DRIVEN IDENTIFICATION OF RIGHT TALENT FOR ORGANIZATION

(51) International classification :A61B000500000, G06Q0010100000, G06F0003048400, A61B0005110000,  
 G06Q0010060000  
 (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)Ms. Aishwarya Arya**  
**4)Mr. Shivansu Sachan**  
**5)Mr. Vimal Kumar**  
**6)Chef Pawan Ailawadi**  
**7)Dr. Laxminarayan Chandryya Kurpatwar**  
**8)Dr. Mohan Sudhakar Rode**  
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**8)Dr. Mohan Sudhakar Rode**  
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(57) Abstract :  
 SYSTEM AND METHOD FOR DATA-DRIVEN IDENTIFICATION OF RIGHT TALENT FOR ORGANIZATION Accordingly, embodiments herein disclose system and method for data-driven identification of right talent for organization. The system (100) comprises a server (102) in communication with a plurality of computing devices associated with a plurality of participants. The server (102) comprises a plurality of sensors configured to obtain movement data for the participants performing an activity. The system (100) may include a processor system in communication with the sensors and including a microprocessor and a memory configured to: receive the movement data from the sensors when the participants performs the movement activity on graphical displays of the computing devices; identify movement patterns from the movement data; analyze the movement patterns to identify one or more skill attributes descriptive of the participants performing the movement activity; and display the analyzed movement data visually as a set of graphical visual objects on a graphical display of the at least one computing device. Figure to be published with Abstract: Figure 1

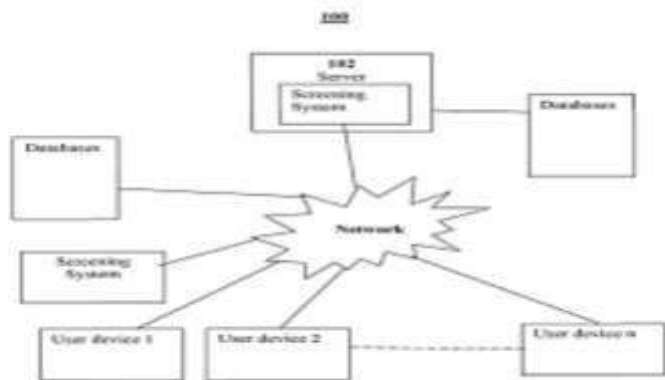


FIGURE 1

No. of Pages : 17 No. of Claims : 6



(54) Title of the invention : METHOD OF MOBILE APPLICATION BASED CSR SYSTEM

(51) International classification :G06Q0030000000, H04W0012060000, H04L0009300000, G06F0008650000, H04L0012660000

(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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 Address of Applicant :School of Business Management, CSJMU, Kanpur Nagar -----

**5)Gagan Katiyar**  
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(57) Abstract :  
 A mobile application based corporate social responsibility system and method of working thereof comprising a computer system for sending and receiving request of NGOs and corporation registration and mobile applications, the system comprising a CPU, a computer readable memory and a computer readable storage media; first program instructions to retrieve independently developed mobile applications, which run on existing APIs of a mobile device. The mobile application based system (1) provides a contact point to various corporates and NGOs and addresses various causes of both of them by bringing both the stakeholders together. Each NGO would be verified, and their documents, certificates would also be verified, authenticity, work would be examined, then only they would be registered on the said mobile application. The mobile application-based system provides step by step analysis of the funding received, spent, and work progress to the stakeholders.

No. of Pages : 13 No. of Claims : 5

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PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : SYSTEM FOR NOSTALGIA MARKETING

(51) International classification :G06Q0030020000, G06Q0030060000, H04H0060330000, H04H0060400000, H04N0021810000

(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 :  
 A nostalgia marketing system model comprising ad-evoked nostalgia (NOST) (2), nostalgia intensity towards ads (NIAD) (3), spiritual well being (SWB) (4), purchase intention (PI) (5). A significant positive impact of consumers' spiritual well-being on purchase intention of the product advertised in nostalgic ads. Since consumers with spiritual well-being have a positive inclination toward products that they have experienced before to avoid the uncertainty associated with trying new products. A positive influence of ad-evoked nostalgia and nostalgia intensity on the purchase intentions of advertised products.

No. of Pages : 14 No. of Claims : 2



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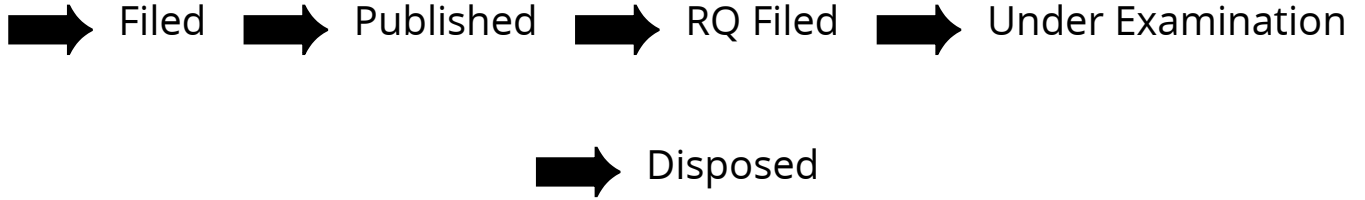
(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202241038273
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/07/2022
APPLICANT NAME	1 . Dr. Aruna Kumari Nakkella 2 . Dr. Sangeeta Bhimrao Dongre 3 . Dr. Lakshminarayana SA 4 . Dr. D. Jayarajan 5 . V. Krishna Naik 6 . Dr. Droupti Yadav 7 . Saumya Surekha 8 . Dr. Manisha 9 . Dr. Jaideep Mahendra 10 . Dr. Swathi Nageswara 11 . Dr. Arti Gupta 12 . Dr. Anand Shanker Singh 13 . Dr. Surapaneni Krishna Mohan 14 . Dr. Harishchander Anandaram
TITLE OF INVENTION	Biopolymer Composition for Anastomosis Devices and Its Preparation Method Thereof
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	hima@novelpatent.com
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	29/09/2022
PUBLICATION DATE (U/S 11A)	08/07/2022

## Application Status

APPLICATION STATUS

**Application referred u/s 12 for examination.**

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Ministry of Commerce & Industry,  
Government of India

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



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

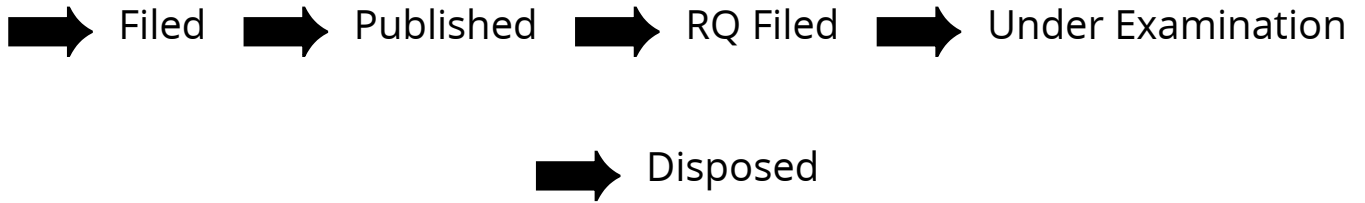
Application Details	
APPLICATION NUMBER	202241046505
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/08/2022
APPLICANT NAME	1 . AJITH V S 2 . SWATI TRIVEDI 3 . AKRITI PAL 4 . DR. DROUPTI YADAV 5 . YADVENDRA DUTT SHUKLA 6 . NEHA SRIVASTAVA 7 . ANKUR SRIVASTAVA 8 . JONNALA SUBBA REDDY 9 . MOHD ESA 10 . BANUPRIYA V 11 . DR. NAGSEN SAMADHAN BANSOD 12 . UMESH CHANDRA PANDEY
TITLE OF INVENTION	A SMART ROBOT TO MANAGE AND MONITOR THE COVID 19 PATIENTS ALONG WITH TREATING THEM BY REDUCING THE BURDEN ON MEDICAL PRACTITIONER
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	26/08/2022

### Application Status

APPLICATION STATUS

# Awaiting Request for Examination

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Ministry of Commerce & Industry,  
Government of India

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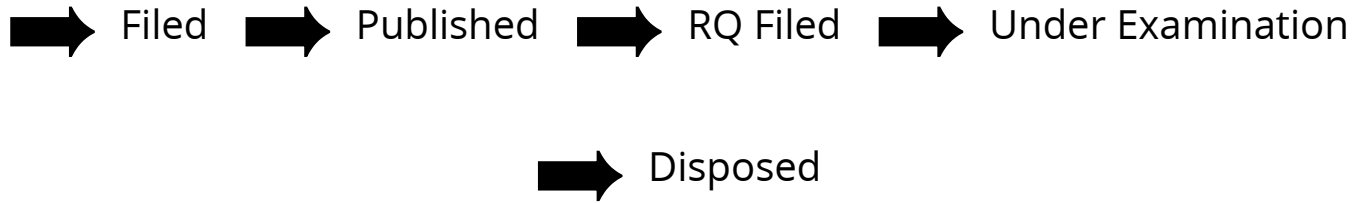
(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202241046666
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/08/2022
APPLICANT NAME	1 . Dr. R. VIJAY KUMAR 2 . Dr. DEEPAK NATHUJI KAKADE 3 . Dr. DROUPTI YADAV 4 . RUTHRA R 5 . SUVARNA DEVIDAS KAMBLE 6 . Dr. SHWETA RANI 7 . Dr. NYATHANI MARAMU 8 . Dr. RAVINDRA D NALAWADE 9 . Dr.P.ARULPRAKASH 10 . PROF.S.PRANAVAN 11 . Dr.A.SASI KUMAR 12 . JONNALA SUBBA REDDY
TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE BASED SYSTEM ALONG WITH INTERNET OF THINGS (IOT) ALERT MECHANISM TO PREDICT THE OCCURRENCE OF EARTHQUAKE AND SAFEGUARD THE BUILDINGS FROM ITS DISASTROUS EFFECTS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	26/08/2022



## Application Status

APPLICATION STATUS

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(12) PATENT APPLICATION  
PUBLICATION

(21) Application No.202211006157 A

(19) INDIA

(22) Date of filing of Application :04/02/2022 (43) Publication Date : 11/02/2022

(54) Title of the invention : A METHOD FOR THE IMPROVEMENT OF BANK SERVICE  
QUALITY

<p>(51) International classification :G06Q0040020000, G07F0019000000, G06Q0020100000, G06Q0010060000, G06Q0040000000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)<b>Name of Applicant :</b> <b>1)Mayank Jindal</b> Address of Applicant :S/o Mr. Devendra Kumar, School of Business Management, Chhatrapati Shahu Ji Maharaj University, Kanpur, Uttar Pradesh, India, 208024. ----- -----</p> <p><b>2)Dr. Vijay Laxmi Sharma</b></p> <p>(72)<b>Name of Inventor :</b> <b>1)Mayank Jindal</b> Address of Applicant :S/o Mr. Devendra Kumar, School of Business Management, Chhatrapati Shahu Ji Maharaj University, Kanpur, Uttar Pradesh, India, 208024. ----- -----</p> <p><b>2)Dr. Vijay Laxmi Sharma</b> Address of Applicant :Department of Commerce, M.B. Govt. P.G. College, Haldwani, Uttarakhand, India, 263139. ----- -----</p>
---	---

(57) Abstract :

The Method for Improve Bank Service Quality, Comprising: a infrastructure& instrument, wherein the infrastructure& instrument directly proportional to customer satisfactions like banking forms, ATMs, branch indoor infrastructure, parking, locker facility, equipment of banks, etc;a staff competency, wherein the staff competency includes extrinsic and intrinsic factor of staff working Performance; and a financial activities, wherein the financial activities includes interest rates on deposits and loans, the bank accepts all types of currency, service charges, etc that can affect by the finance availability and non-availability with the bank.

No. of Pages : 13 No. of Claims : 1

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निर्गमन सं. 08/2022  
ISSUE NO. 08/2022

शुक्रवार  
**FRIDAY**

दिनांक: 25/02/2022  
DATE: 25/02/2022

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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211006902 A

(19) INDIA

(22) Date of filing of Application :09/02/2022

(43) Publication Date : 25/02/2022

(54) Title of the invention : CELL CAPACITY EVALUATION USING FIFTH GENERATION WLAN AND IEEE 802.11AX FOR VBR TRAFFIC.

<p>(51) International classification :H04W0084120000, H04W0074080000, H04W0028020000, H04W0040200000, H04M0003220000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant :</p> <p><b>1)Dr. Ajay Tiwari</b> Address of Applicant :Assistant Professor, Department of Electronics and Communication Engineering, School of Engineering (UIET), CSJM University, Kanpur, UP, India. -----</p> <p><b>2)Dr. Vishal Awasthi</b></p> <p><b>3)Dr. Sushanta Kumar Mandal</b></p> <p><b>4)Dr. B. Shivalal Patro</b></p> <p><b>5)Prof. (Dr.) Manish Sharma</b></p> <p><b>6)Dr. Sahil Thakar</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p><b>1)Dr. Ajay Tiwari</b> Address of Applicant :Assistant Professor, Department of Electronics and Communication Engineering, School of Engineering (UIET), CSJM University, Kanpur, UP, India. -----</p> <p><b>2)Dr. Vishal Awasthi</b> Address of Applicant :Assistant Professor, Department of Electronics and Communication Engineering, School of Engineering (UIET), CSJM University, Kanpur, UP, India. -----</p> <p><b>3)Dr. Sushanta Kumar Mandal</b> Address of Applicant :Professor, Birla School of Applied Sciences ,Birla Global University ,Bhubaneswar-751029,Odisha, India -----</p> <p><b>4)Dr. B. Shivalal Patro</b> Address of Applicant :Assistant Professor, School of Electronics Engineering KIIT Deemed to be University,Bhubaneswar-751024, Odisha, India -----</p> <p><b>5)Prof. (Dr.) Manish Sharma</b> Address of Applicant :Professor, Department of Physics, School of Basic Sciences ,Bahra University, Shilma Hills, Shimla, Himachal Pradesh, India. -----</p> <p><b>6)Dr. Sahil Thakar</b> Address of Applicant :Reader , Department of Public Health Dentistry Himachal Dental College, Sundernagar Himachal Pradesh, India -----</p>
---	---

(57) Abstract :

Our Invention Cell Capacity Evaluation utilizing Fifth Generation WLAN and IEEE 802.11ax for VBR Traffic. is surveying the amount of Voice over WiFi (VoWiFi) calls conceivable inside a WLAN standard section considering variable piece rate (VBR) Traffic. Accepting the telephone signal isn't true to form accessible by the clients, then, issues associated with call drops and clarity in voice calls may occur. To avoid such issues, the clients will connect with the nearest way and start making choices. Interacting with the nearest WiFi switch will resolve the issues associated with signal strength and call drop. We have proposed an instrument where the conceivable number of calls inside a WiFi section can be evaluated without hampering the Quality of Service (QoS) of existing VoWiFi calls. Here, portrayed VoWiFi as Voice over Internet Protocol (VoIP) over WiFi (VoWiFi). In our model, we used Arbitration Inter-Frame Spacing (AIFS) to work with a ton of VoWiFi calls than DCF Inter-Frame Spacing (DIFS). Additionally, to prevent the wastage of WLAN information transmission on account of establishment upheaval, we evaluated the cell furthest reaches of a WLAN standard outfitting VoWiFi organization with and without Request to Send (RTS) and Clear to Send (CTS) expansions using VBR traffic. Furthermore, we have differentiated the result and consistent piece rate (CBR) traffic. On account of the creating number of obstructions that block the Line of Sight (LOS) of correspondence, cell clients can't get a dependable Quality of Service (QoS) during conversation.

No. of Pages : 13 No. of Claims : 7



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### Application Details

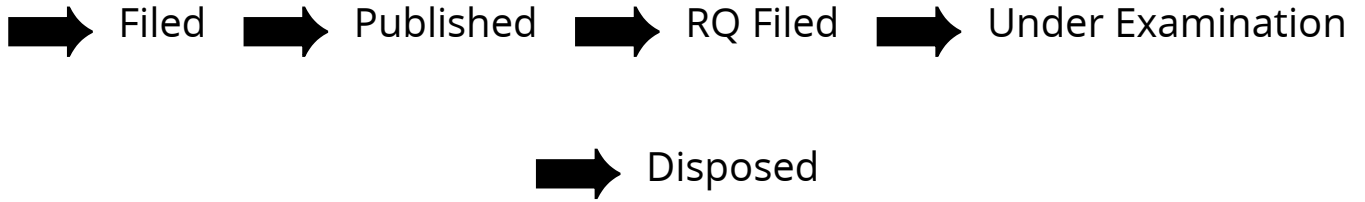
APPLICATION NUMBER	202241046908
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/08/2022
APPLICANT NAME	1 . Dr.L. VIJAYAKUMAR 2 . MANOJ KUMAR MISHRA 3 . Dr. DROUPTI YADAV 4 . SUMAN DEVI 5 . VENUGOPAL RAO ALLESHWARAM 6 . Dr. K. SASIKALA 7 . Dr. S. SARAVANAN 8 . Dr S SUBHA 9 . THULASIMANI T 10 . Dr.A.SASI KUMAR 11 . Dr. KUMUD PANT 12 . ASHWINI KUMAR SAINI
TITLE OF INVENTION	DEEP LEARNING TECHNIQUES TO ANALYZE THE RISKS AND BENEFITS THE FIRST GENERATION WOMEN ENTREPRENEURS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	02/09/2022

### Application Status

APPLICATION STATUS

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### Application Details

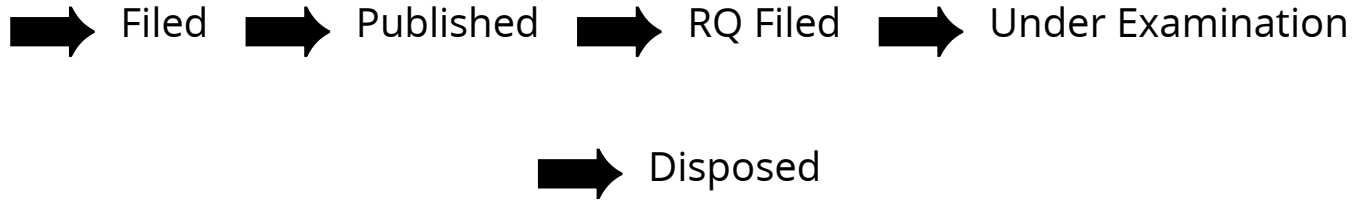
APPLICATION NUMBER	202241048680
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/08/2022
APPLICANT NAME	1 . Dr. S. M. SUBASH 2 . Dr. DEEPAK N. KAKADE 3 . Dr.M.CHITTARANJAN 4 . RAVINDRA KUMAR GOLIYA 5 . PAVAN KUMAR THIMMARAJU 6 . Dr. RAVINDRA D NALAWADE 7 . Dr.RASHMI TRIVEDI 8 . Dr. DROUPTI YADAV 9 . PROF. S.PRANAVAN 10 . JONNALA SUBBA REDDY 11 . DIGAMBAR BALASAHEB PATIL 12 . MR. NISHANT ANANTRAO UPADHYE
TITLE OF INVENTION	SYSTEMATIC APPROACH TO ANALYSE THE IMPACT OF UTILISING THE ASPECTS OF GREEN BUILDING IN CONSTRUCTION TECHNOLOGY
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	02/09/2022

### Application Status

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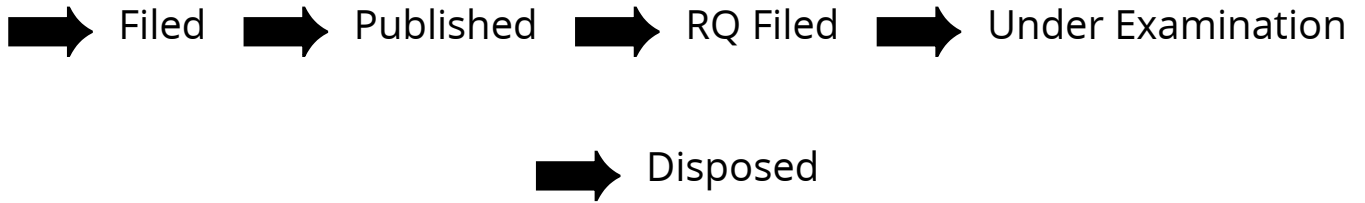
Application Details	
APPLICATION NUMBER	202241048822
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/08/2022
APPLICANT NAME	1 . Dr Korla Swapnavahini 2 . V.Krishna Naik 3 . Dr Manisha 4 . Dr. Pandurang Yashwant Patil 5 . Dr. D. Jayarajan 6 . Dr. Pallavi N 7 . Dr Bir Abhimanyu Kumar 8 . Dr K.Sandhyarani 9 . Dr. K. Mahalakshmi 10 . Dr. Ishan Y Pandya 11 . Dr Droupti Yadav 12 . Dr.Manju.J 13 . Dr Aruna Kumari Nakkella
TITLE OF INVENTION	Smart sensor-equipped street lamps to monitor and detect the climatic conditions and environmental pollution parameters.
FIELD OF INVENTION	ELECTRICAL
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	01/11/2022
PUBLICATION DATE (U/S 11A)	30/09/2022

Application Status

APPLICATION STATUS

**FER Issued, Reply not Filed**

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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : ARTIFICIAL INTELLIGENCE BASED APPROACH FOR ANALYZING THE IMPORTANCE OF AGRICULTURE ON ENVIRONMENTAL CHANGE

(51) International classification :G03G0009097000, G06N0003080000, G06N0005040000, G06N0003020000, G06N0007000000

(86) International Application No :PCT//  
 Filing Date :01/01/1900

(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)VISHAL PRAKASH**  
**5)DEEPA VH**  
**6)SANJAY KUMAR PANDEY**  
**7)Dr. SANDEEP ROUT**  
**8)Prof. R. VEERAPPAN**  
**9)Dr. SHWETA RANI**  
**10)Dr. DROUPTI YADAV**  
**11)Dr. KUMUD PANT**  
**12)S.PRANAVAN**

Name of Applicant : NA  
 Address of Applicant : NA

(72)Name of Inventor :  
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**5)DEEPA VH**  
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**6)SANJAY KUMAR PANDEY**  
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**7)Dr. SANDEEP ROUT**  
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**10)Dr. DROUPTI YADAV**  
 Address of Applicant :ASSISTANT PROFESSOR AND COORDINATOR, ENVIRONMENTAL SCIENCE AND TECHNOLOGY, SLSBT, CSJM UNIVERSITY, KANPUR NAGAR, UTTAR PRADESH, INDIA KANPUR -----

**11)Dr. KUMUD PANT**  
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**12)S.PRANAVAN**  
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(57) Abstract :  
 Artificial Intelligence based approach for analyzing the Importance of Agriculture on Environmental Change is the proposed invention. The invention aims at understanding the interrelationship between agriculture and environmental stability. The algorithms of Artificial Intelligence are used for analyzing the role of agriculture for managing ecological balance.

No. of Pages : 13 No. of Claims : 6



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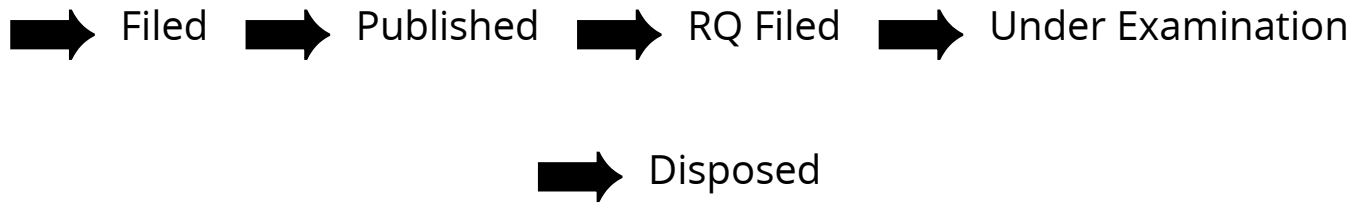
Application Details	
APPLICATION NUMBER	202241032937
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/06/2022
APPLICANT NAME	1 . Dr. Korla Swapnavahini 2 . Dr. D. Jayarajan 3 . Dr. Aruna Kumari Nakkella 4 . Dr. Ghumare Pramila Pandurang 5 . Dr. S. Anandakumar 6 . Mr. G. Chinna Pullaiah 7 . Dr. Dharendra Kumar 8 . Prof. K. Basavaiah 9 . Dr. Sangeeta Bhimrao Dongre 10 . Dr. Droupti Yadav 11 . Dr. Manisha 12 . Dr. Surapaneni Krishna Mohan
TITLE OF INVENTION	Adaptable Tillage System for Tractors and Method of Operation Thereof
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	hima@novelpatent.com
ADDITIONAL-EMAIL (As Per Record)	murali@novelpatent.com
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	29/09/2022
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Application Status

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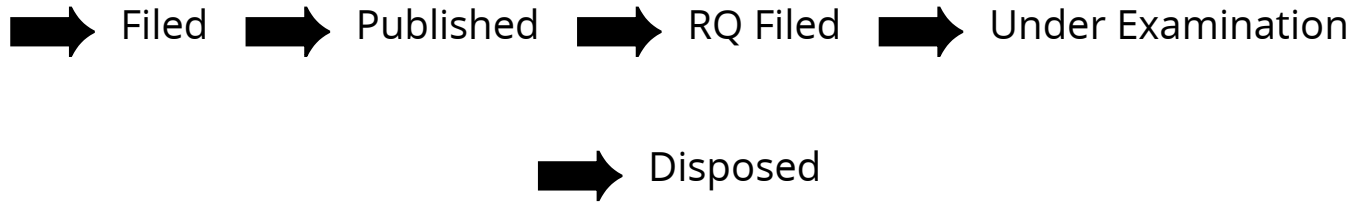


(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202211060209
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/10/2022
APPLICANT NAME	1 . Dr. SURENDRA KUMAR YADAV 2 . Dr. S V S K DEEPAK KUMAR, 3 . Mr. VIPUL BALKRISHNA NERKAR 4 . Dr. RAHULKUMAR SHIVAJIRAO HINGOLE 5 . Dr.G.IRIN LORETTA 6 . Dr. DROUPTI YADAV 7 . AKKENAPALLI PREM RAJ 8 . A ABDUL HAYUM 9 . Dr. A SRIVANI PH.D D.SC 10 . Dr JYOTI PRASAD PATRA 11 . Dr. R. SANJEEVI 12 . SONU KUMAR
TITLE OF INVENTION	DEEP LEARNING BASED SYSTEM TO ANALYSE AND SUPPORT THE PROCESS OF CLEANING SOLAR SEPARATORS IN SOLAR ENERGY ENABLED DEVICES FOR HARVESTING SOLAR ENERGY
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/11/2022

## Application Status

APPLICATION STATUS

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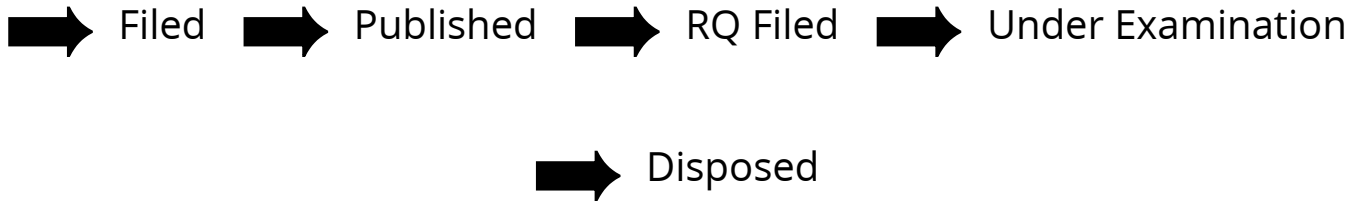


(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202221059600
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/10/2022
APPLICANT NAME	1 . VIJAYKUMAR SHIVDAS MORE 2 . CHETAN SHASHIKANT CHAVAN 3 . Dr SUMANTA BHATTACHARYA 4 . K SANKAR 5 . Dr. DROUPTI YADAV 6 . Dr. SURYAKANT B. BORUL 7 . MR.SHIVSHANKAR PURUSHOTTAM MORE 8 . Dr. HUKMA RAM 9 . RAVI SHARMA 10 . PRAVAT KUMAR SWAIN 11 . Dr. T. RAVICHANDRAN 12 . Dr P JOEL JOSEPHSON
TITLE OF INVENTION	DEEP LEARNING BASED TECHNIQUE FOR ANALYZING THE IMPACT OF VARIOUS FACTORS ON HYDRO GEO CHEMISTRY OF GROUND WATER
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	23/12/2022

## Application Status

APPLICATION STATUS

**Awaiting Request for Examination**[View Documents](#)

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(54) Title of the invention : SYSTEM AND METHOD FOR DATA-DRIVEN IDENTIFICATION OF RIGHT TALENT FOR ORGANIZATION

(51) International classification :A61B000500000, G06Q001010000, G06F0003048400, A61B0005110000,  
 (86) International Application No G06Q0010060000  
 :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)Mr. Saurabh Tripathi**  
**3)Ms. Aishwarya Arya**  
**4)Mr. Shivansu Sachan**  
**5)Mr. Vimal Kumar**  
**6)Chef Pawan Ailawadi**  
**7)Dr. Laxminarayan Chandryya Kurpatwar**  
**8)Dr. Mohan Sudhakar Rode**  
 Name of Applicant : NA  
 Address of Applicant : NA  
 (72)Name of Inventor :  
**1)Dr. Indrajeet Ramdas Bhagat**  
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 Address of Applicant :Assistant Professor, School of Hotel Management, CSJM University, Kanpur Uttar Pradesh India -----  
**4)Mr. Shivansu Sachan**  
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**6)Chef Pawan Ailawadi**  
 Address of Applicant :Principal, Hotel Management Department, Jodhpur Institute of Hotel Management, JIET, Jodhpur Rajasthan India -----  
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**8)Dr. Mohan Sudhakar Rode**  
 Address of Applicant :Head & Associate Professor, Commerce & Management Department, People's College, Sneh nagar, Nanded Maharashtra India -----

(57) Abstract :  
 SYSTEM AND METHOD FOR DATA-DRIVEN IDENTIFICATION OF RIGHT TALENT FOR ORGANIZATION Accordingly, embodiments herein disclose system and method for data-driven identification of right talent for organization. The system (100) comprises a server (102) in communication with a plurality of computing devices associated with a plurality of participants. The server (102) comprises a plurality of sensors configured to obtain movement data for the participants performing an activity. The system (100) may include a processor system in communication with the sensors and including a microprocessor and a memory configured to: receive the movement data from the sensors when the participants performs the movement activity on graphical displays of the computing devices; identify movement patterns from the movement data; analyze the movement patterns to identify one or more skill attributes descriptive of the participants performing the movement activity; and display the analyzed movement data visually as a set of graphical visual objects on a graphical display of the at least one computing device. Figure to be published with Abstract: Figure 1

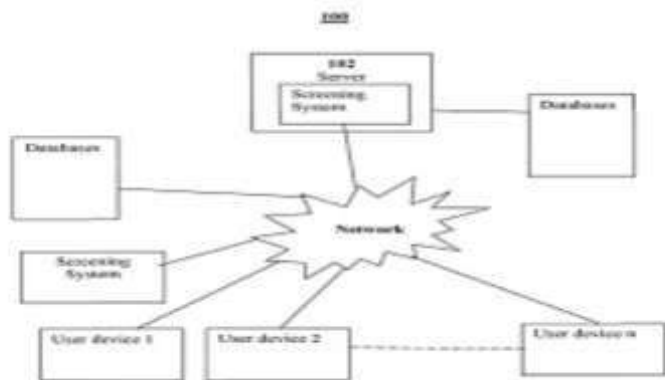


FIGURE 1

No. of Pages : 17 No. of Claims : 6

# Urkunde

über die Eintragung des  
Gebrauchsmusters Nr. 20 2022 100 893

**Bezeichnung:**

Polykräuterformulierung für Magengeschwür

**IPC:**

A61K 36/9068

**Inhaber/Inhaberin:**

Gupta, Prakash Chandra, Dr., Kanpur, IN  
Katiyar, Pratima, Dr., Kanpur, IN  
Kushwaha, Kalpana, Dr., Kanpur, IN  
Sharma, Ajay Kumar, Dr., Kanpur, IN  
Sharma, Nisha, Dr., Kanpur, IN  
Singh, Vikram, Prayagraj, IN  
Tiwari, Mamta, Kanpur, IN  
Verma, Smita, Jaunpur, IN  
Yadav, Nishant, Kanpur, IN

**Tag der Anmeldung:**

17.02.2022

**Tag der Eintragung:**

26.02.2022

Die Präsidentin des Deutschen Patent- und Markenamts



Cornelia Rudloff-Schäffer

München, 26.02.2022





REPUBLIC OF SOUTH AFRICA

REPUBLIEK VAN SUID AFRIKA

PATENTS ACT, 1978

## CERTIFICATE

In accordance with section 44 (1) of the Patents Act, No. 57 of 1978, it is hereby certified that:

**SINGH, ANJU; GUPTA, AJAY KUMAR; TILAK, VIJAY KUMAR; TIWARI, GAURAV;  
KATIYAR, SHASHWAT; TIWARI, GAURAV**

Has been granted a patent in respect of an invention described and claimed in complete specification deposited at the Patent Office under the number

**2021/08423**

A copy of the complete specification is annexed, together with the relevant Form P2.

In conformity thereof, the seal of the Patent Office has been affixed at Pretoria with effect

from the 26<sup>th</sup> day of January 2022

  
.....  
Registrar of Patents



(54) Title of the invention : SYSTEM AND METHOD FOR DATA-DRIVEN IDENTIFICATION OF RIGHT TALENT FOR ORGANIZATION

(51) International classification :A61B0005000000, G06Q0010100000, G06F0003048400, A61B0005110000, G06Q0010060000  
 (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 :  
**1)Dr. Indrajeet Ramdas Bhagat**  
 Address of Applicant :Head and Assistant Professor, Commerce and Management Science Department, M.S.P. Mandal's Yeshwantrao Chavan College, Ambajogai, Beed Maharashtra India -----  
**2)Mr. Saurabh Tripathi**  
**3)Ms. Aishwarya Arya**  
**4)Mr. Shivansu Sachan**  
**5)Mr. Vimal Kumar**  
**6)Chef Pawan Ailawadi**  
**7)Dr. Laxminarayan Chandryya Kurpatwar**  
**8)Dr. Mohan Sudhakar Rode**  
 Name of Applicant : NA  
 Address of Applicant : NA  
 (72)Name of Inventor :  
**1)Dr. Indrajeet Ramdas Bhagat**  
 Address of Applicant :Head and Assistant Professor, Commerce and Management Science Department, M.S.P. Mandal's Yeshwantrao Chavan College, Ambajogai, Beed Maharashtra India -----  
**2)Mr. Saurabh Tripathi**  
 Address of Applicant :Assistant Professor, School of Hotel Management, CSJM University, Kanpur Uttar Pradesh India -----  
**3)Ms. Aishwarya Arya**  
 Address of Applicant :Assistant Professor, School of Hotel Management, CSJM University, Kanpur Uttar Pradesh India -----  
**4)Mr. Shivansu Sachan**  
 Address of Applicant :Head and Assistant Professor, School of Hotel Management, CSJM University, Kanpur Uttar Pradesh India -----  
**5)Mr. Vimal Kumar**  
 Address of Applicant :Principal, The Lalit Suri Hospitality School, Badkhal Pali Road, Sector 48, Faridabad Haryana India -----  
**6)Chef Pawan Ailawadi**  
 Address of Applicant :Principal, Hotel Management Department, Jodhpur Institute of Hotel Management, JIET, Jodhpur Rajasthan India -----  
**7)Dr. Laxminarayan Chandryya Kurpatwar**  
 Address of Applicant :Head & Associate Professor, Commerce & Management Department, Sant Dnyaneshwar Mahavidyalaya, Soegaon At Post, Soegaon Tq, Soegaon, Aurangabad Maharashtra India -----  
**8)Dr. Mohan Sudhakar Rode**  
 Address of Applicant :Head & Associate Professor, Commerce & Management Department, People's College, Sneh nagar, Nanded Maharashtra India -----

(57) Abstract :  
 SYSTEM AND METHOD FOR DATA-DRIVEN IDENTIFICATION OF RIGHT TALENT FOR ORGANIZATION Accordingly, embodiments herein disclose system and method for data-driven identification of right talent for organization. The system (100) comprises a server (102) in communication with a plurality of computing devices associated with a plurality of participants. The server (102) comprises a plurality of sensors configured to obtain movement data for the participants performing an activity. The system (100) may include a processor system in communication with the sensors and including a microprocessor and a memory configured to: receive the movement data from the sensors when the participants performs the movement activity on graphical displays of the computing devices; identify movement patterns from the movement data; analyze the movement patterns to identify one or more skill attributes descriptive of the participants performing the movement activity; and display the analyzed movement data visually as a set of graphical visual objects on a graphical display of the at least one computing device. Figure to be published with Abstract: Figure 1

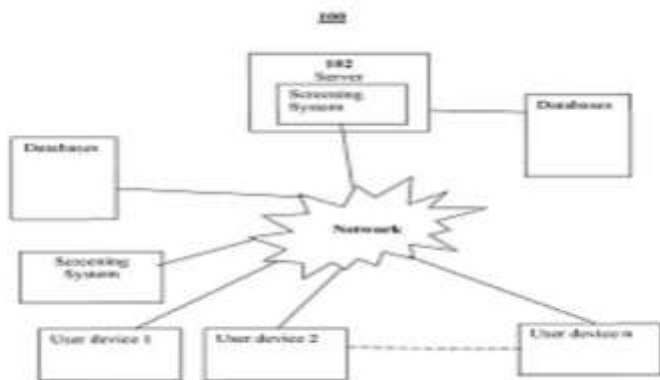


FIGURE 1

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211024380 A

(19) INDIA

(22) Date of filing of Application :26/04/2022

(43) Publication Date : 29/04/2022

(54) Title of the invention : SMART SYSTEM FOR INDICATING STATUS OF HOTEL GUEST ROOM

<p>(51) International classification :G08B0005360000, G07C0009000000, G06Q0099000000, G06F0003010000, G06Q0050120000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Mr. Nikhil Saini Address of Applicant :Assistant Professor, Le Cordon Bleu School of Hospitality and Tourism, GD Goenka University, Sohna-Gurugram Road, Sohna Haryana India ----- 2)Mr. Rajeev R Mishra 3)Prof. Pankaj Chatterjee 4)Mr. Rajesh Kumar Gupta 5)Mr. Saurabh Tripathi 6)Mr. Vikas Sharma 7)Mr. Qamar Ali Mir 8)Mr. Soumyadip Das Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Mr. Nikhil Saini Address of Applicant :Assistant Professor, Le Cordon Bleu School of Hospitality and Tourism, GD Goenka University, Sohna-Gurugram Road, Sohna Haryana India ----- 2)Mr. Rajeev R Mishra Address of Applicant :Director-Principal, Chandigarh College of Hotel Management &amp; Catering Technology, Chandigarh Group of Colleges, Landran, Mohali Punjab India ----- 3)Prof. Pankaj Chatterjee Address of Applicant :Associate Professor &amp; Head, RKDF University, Argora- Kathalmore Road, Opposite Water Tank, Ranchi Jharkhand India ----- 4)Mr. Rajesh Kumar Gupta Address of Applicant :Assistant Professor, NSHM INSTITUTE OF HOTEL AND TOURISM MANAGEMENT, NSHM Knowledge Campus, Arrah, Shibtala Via Muchipara, Durgapur West Bengal India --- 5)Mr. Saurabh Tripathi Address of Applicant :Assistant Professor, School of Hotel Management, CSJM University, Kanpur Uttar Pradesh India ----- 6)Mr. Vikas Sharma Address of Applicant :Assistant Professor, IHM Hisar, OM Sterling Global University (OSGU) NH-52, Hisar-Chandigarh Road, Hisar Haryana India ----- 7)Mr. Qamar Ali Mir Address of Applicant :Assistant Professor, IHM Hisar, OM Sterling Global University (OSGU) NH-52, Hisar-Chandigarh Road, Hisar Haryana India ----- 8)Mr. Soumyadip Das Address of Applicant :Assistant Professor, GLOBAL COLLEGE OF SCIENCE AND TECHNOLOGY, BADKULLA MORE BUS STOP, PASCHIMBHATJANLA, NADIA, NADIA WEST BENGAL India -----</p>
---	---

(57) Abstract :

Accordingly, embodiments herein disclose a smart system (100) for indicating the status of a hotel guest room, comprising of an input system including a set of sensors (110) which can indicate signs of different room status; and a means for allowing a hotel guest to choose a message to convey to hotel staff and others from within the hotel guest room. The message is expressed by indicators housed within assemblies located outside of the hotel guest room, which are visible to passers-by. The set of sensors (110) may be an electronic device that is configured to receive input from the hotel guest, housekeeping personnel, or the like. The electronic device is situated in each guest room being in data communication with a communications network such that anticipated absence data entered into the guest room unit is delivered to a computer through the communications network.

No. of Pages : 12 No. of Claims : 5

# Urkunde

über die Eintragung des  
Gebrauchsmusters Nr. 20 2022 100 985

**Bezeichnung:**

Tragbare Impfstoffaufbewahrungsvorrichtung

**IPC:**

F25B 21/02

**Inhaber/Inhaberin:**

Chakolkar, Madhav Devendra, Buldhana, IN  
Khandai, Madhusmruti, Dr., Berhampur, IN  
Kumar Verma, Navneet, Gorakhpur, IN  
Singh, Amrita, Kanpur, IN  
Tyagi, Sachin, Dr. , Meerut, IN  
Upadhyay, Swarnakshi, Kanpur, IN  
Verma, Garima, Greater Noida, IN  
Wadhwa, Simran, Kanpur, IN  
Wal, Pranay, Dr., Kanpur, IN

**Tag der Anmeldung:**

22.02.2022

**Tag der Eintragung:**

01.03.2022

Die Präsidentin des Deutschen Patent- und Markenamts

*Cornelia Rudloff-Schäffer*

Cornelia Rudloff-Schäffer

München, 01.03.2022





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AA

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

### Application Details

APPLICATION NUMBER	202211001660
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/01/2022
APPLICANT NAME	<b>1 . Dr. Namita Tiwari (Assistant Professor) 2 . Prof ( Dr ) Chetan Eknath Khedkar 3 . Prof. Ashutosh Eknath Khedkar 4 . Kunal Krishnaji Shinde 5 . Dr. B.K.Sarkar ( International Patent Motivation Speakers) 6 . Mr. Pawan Kumar Singh</b>
TITLE OF INVENTION	INVESTIGATING THE CASES OF NOVEL CORONAVIRUS DISEASE (COVID-19) USING INTELLIGENT DYNAMIC STATISTICAL TECHNIQUES
FIELD OF INVENTION	COMPUTER SCIENCE





REPUBLIC OF SOUTH AFRICA

REPUBLIEK VAN SUID AFRIKA

PATENTS ACT, 1978

## CERTIFICATE

In accordance with section 44 (1) of the Patents Act, No. 57 of 1978, it is hereby certified that:

**GUPTA, Ajay Kumar; KATIYAR, Praveen; KATIYAR, Shaswat;  
SINGH, Dharam; TIWARI, Gaurav**

Has been granted a patent in respect of an invention described and claimed in complete specification deposited at the Patent Office under the number

**2021/05737**

A copy of the complete specification is annexed, together with the relevant Form P2.

In testimony thereof, the seal of the Patent Office has been affixed at Pretoria with effect from the **30<sup>th</sup>** day of **March 2022**



.....  
**Registrar of Patents**

# Urkunde

über die Eintragung des  
Gebrauchsmusters Nr. 20 2022 100 893

**Bezeichnung:**

Polykräuterformulierung für Magengeschwür

**IPC:**

A61K 36/9068

**Inhaber/Inhaberin:**

Gupta, Prakash Chandra, Dr., Kanpur, IN  
Katiyar, Pratima, Dr., Kanpur, IN  
Kushwaha, Kalpana, Dr., Kanpur, IN  
Sharma, Ajay Kumar, Dr., Kanpur, IN  
Sharma, Nisha, Dr., Kanpur, IN  
Singh, Vikram, Prayagraj, IN  
Tiwari, Mamta, Kanpur, IN  
Verma, Smita, Jaunpur, IN  
Yadav, Nishant, Kanpur, IN

**Tag der Anmeldung:**

17.02.2022

**Tag der Eintragung:**

26.02.2022

Die Präsidentin des Deutschen Patent- und Markenamts



Cornelia Rudloff-Schäffer

München, 26.02.2022





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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India



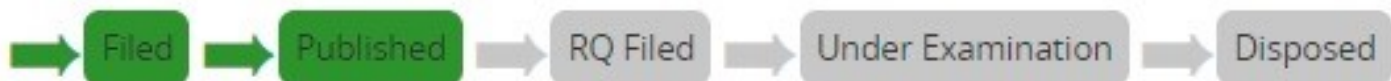
### Application Details

APPLICATION NUMBER	202211020097
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/04/2022
APPLICANT NAME	1 . DR. NIRVIKAR SHARAN KATIYAR 2 . SURUCHI SINGH 3 . DR. SUDHIR KUMAR SINGH 4 . DR. GYANDRA KUMAR GUPTA 5 . MILIND BHATT 6 . KAPIL KUMAR PANDEY 7 . NIGAR SIDDIQUI
TITLE OF INVENTION	SYSTEM TO DETECT FAKE NEWS BASED ON ARTIFICIAL INTELLIGENCE
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	smartpatenting@gmail.com
ADDITIONAL-EMAIL (As Per Record)	smartpatenting@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	08/04/2022

### Application Status

APPLICATION STATUS	<b>Awaiting Request for Examination</b>
--------------------	---

[View Documents](#)



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# Urkunde

über die Eintragung des  
Gebrauchsmusters Nr. 20 2022 100 893

**Bezeichnung:**

Polykräuterformulierung für Magengeschwür

**IPC:**

A61K 36/9068

**Inhaber/Inhaberin:**

Gupta, Prakash Chandra, Dr., Kanpur, IN  
Katiyar, Pratima, Dr., Kanpur, IN  
Kushwaha, Kalpana, Dr., Kanpur, IN  
Sharma, Ajay Kumar, Dr., Kanpur, IN  
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Singh, Vikram, Prayagraj, IN  
Tiwari, Mamta, Kanpur, IN  
Verma, Smita, Jaunpur, IN  
Yadav, Nishant, Kanpur, IN


**Tag der Anmeldung:**

17.02.2022

**Tag der Eintragung:**

26.02.2022

Die Präsidentin des Deutschen Patent- und Markenamts



Cornelia Rudloff-Schäffer

München, 26.02.2022



# Urkunde

über die Eintragung des  
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**Bezeichnung:**

Polykräuterformulierung für Magengeschwür

**IPC:**

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Katiyar, Pratima, Dr., Kanpur, IN  
Kushwaha, Kalpana, Dr., Kanpur, IN  
Sharma, Ajay Kumar, Dr., Kanpur, IN  
Sharma, Nisha, Dr., Kanpur, IN  
Singh, Vikram, Prayagraj, IN  
Tiwari, Mamta, Kanpur, IN  
Verma, Smita, Jaunpur, IN  
Yadav, Nishant, Kanpur, IN

**Tag der Anmeldung:**

17.02.2022

**Tag der Eintragung:**

26.02.2022

Die Präsidentin des Deutschen Patent- und Markenamts



Cornelia Rudloff-Schäffer

München, 26.02.2022



# Urkunde

über die Eintragung des  
Gebrauchsmusters Nr. 20 2022 100 893

**Bezeichnung:**

Polykräuterformulierung für Magengeschwür

**IPC:**

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**Inhaber/Inhaberin:**

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Singh, Vikram, Prayagraj, IN  
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Yadav, Nishant, Kanpur, IN

**Tag der Anmeldung:**

17.02.2022

**Tag der Eintragung:**

26.02.2022

Die Präsidentin des Deutschen Patent- und Markenamts



Cornelia Rudloff-Schäffer

München, 26.02.2022





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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

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

#### Application Details

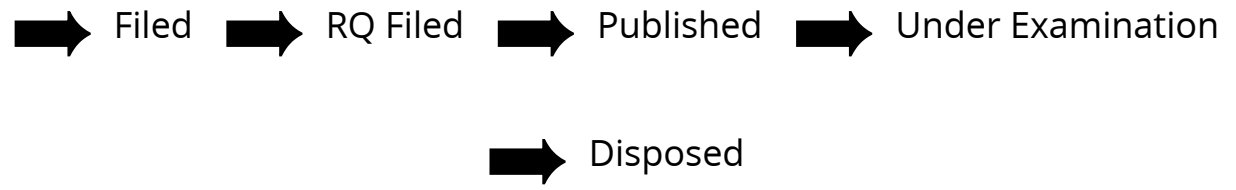
APPLICATION NUMBER	202211013943
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	15/03/2022
APPLICANT NAME	1 . Dr. (Mrs.) KALPANA 2 . Mrs. PRATIMA Katiyar 3 . Dr. NISHA Sharma 4 . Dr. PRAKASH Chandra Gupta
TITLE OF INVENTION	MOUTH DISSOLVING FILM OF NORFLOXACIN AND ISONIAZID
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vijay@patlex.in
ADDITIONAL-EMAIL (As Per Record)	vijay@patlex.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	15/03/2022
PUBLICATION DATE (U/S 11A)	25/03/2022
REPLY TO FER DATE	10/06/2022

#### Application Status

APPLICATION STATUS	<b>Application in Hearing</b>
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Department of Industrial Policy & Promotion,  
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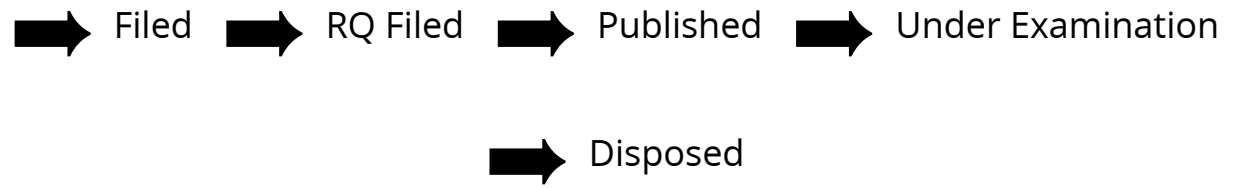
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FIELD OF INVENTION	CHEMICAL
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ADDITIONAL-EMAIL (As Per Record)	vijay@patlex.in
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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

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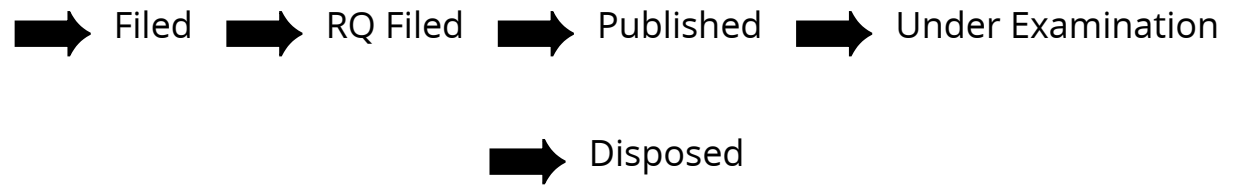
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FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vijay@patlex.in
ADDITIONAL-EMAIL (As Per Record)	vijay@patlex.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	15/03/2022
PUBLICATION DATE (U/S 11A)	25/03/2022
REPLY TO FER DATE	10/06/2022

#### Application Status

APPLICATION STATUS	<b>Application in Hearing</b>
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Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

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

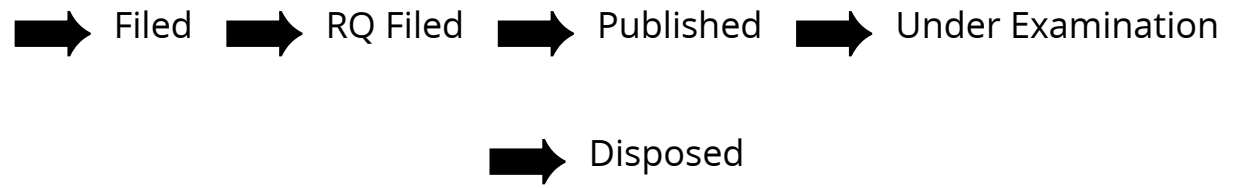
#### Application Details

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APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	15/03/2022
APPLICANT NAME	1 . Dr. (Mrs.) KALPANA 2 . Mrs. PRATIMA Katiyar 3 . Dr. NISHA Sharma 4 . Dr. PRAKASH Chandra Gupta
TITLE OF INVENTION	MOUTH DISSOLVING FILM OF NORFLOXACIN AND ISONIAZID
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vijay@patlex.in
ADDITIONAL-EMAIL (As Per Record)	vijay@patlex.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	15/03/2022
PUBLICATION DATE (U/S 11A)	25/03/2022
REPLY TO FER DATE	10/06/2022

#### Application Status

APPLICATION STATUS	<b>Application in Hearing</b>
--------------------	-------------------------------

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**FORM 2**  
**THE PATENT ACT 1970 &**  
 The Patents Rules, 2003  
**COMPLETE SPECIFICATION**  
 (See section 10 and rule 13)

**TITLE OF THE INVENTION:**

Healthcare Services provided at home using Fog Computing and Cloud Computing

<b>Name</b>	<b>Nationality</b>	<b>Address</b>
Dr. Prashant Kumar Mishra (Associate Professor)	AN INDIAN NATIONAL	Department of Computer Science and Engineering, Pranveer Singh Institute of Technology, Kanpur (Uttar Pradesh) - 209305 prkm.cse@gmail.com
Charu Awasthi (Assistant Professor)	AN INDIAN NATIONAL	Department of Computer Science and Engineering Pranveer Singh Institute of Technology Kanpur (Uttar Pradesh) - 209305 charuawasthi@gmail.com
Pawan Kumar Pal (Assistant Professor)	AN INDIAN NATIONAL	Department of Computer Science and Engineering, PSIT College of Engineering, Kanpur (Uttar Pradesh) - 209305 pawankpal@gmail.com
Dr. Alok Kumar (Assistant Professor)	AN INDIAN NATIONAL	Department of Computer Science and Engineering, University Institute of Engineering and Technology, CSJM University, Kanpur (Uttar Pradesh) - 208024 alok@csjmu.ac.in
Dr. Deepak Kumar Verma (Assistant Professor)	AN INDIAN NATIONAL	Department of Computer Science and Engineering, University Institute of Engineering and Technology, CSJM University, Kanpur (Uttar Pradesh) - 208024 deepak@csjmu.ac.in

**REAMBLE TO THE DESCRIPTION**

<b>PROVISIONAL</b>	<b>COMPLETE</b>
The following specification describes the	The following specification Invention. Particularly describes the invention and the manner in which it is to be performed.





Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021105584

The Commissioner of Patents has granted the above patent on 17 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Mamta Tiwari of Associate Professor, Advance Institute of Biotech and Paramedical Sciences Kanpur, UP India

Nisha Sharma of Associate Professor, School of Pharmaceutical Sciences, C.S.J.M. University Kanpur, UP India

Prakash Chandra Gupta of Assistant Professor, School of Pharmaceutical Sciences, C.S.J.M. University Kanpur, UP India

Shashi Kiran Misra of Assistant Professor, School of Pharmaceutical Sciences, C.S.J.M. University Kanpur, UP India

Anupriya Kapoor of Assistant Professor, School of Pharmaceutical Sciences, C.S.J.M. University Kanpur, UP India

Anjali Sudha of Assistant Professor, HIMT College of Pharmacy Greater Noida, Gautam Buddh Nagar, UP India

**Title of invention:**

Fabrication and Evaluation of Gastro Retentive Tablet of Trandolapril in Treatment of Essential Hypertension

**Name of inventor(s):**

Tiwari, Mamta; Sharma, Nisha; Gupta, Prakash Chandra; Misra, Shashi Kiran; Kapoor, Anupriya and Sudha, Anjali

**Term of Patent:**

Eight years from 16 August 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 17<sup>th</sup> day of November 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.







Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021105584

The Commissioner of Patents has granted the above patent on 17 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Mamta Tiwari of Associate Professor, Advance Institute of Biotech and Paramedical Sciences Kanpur, UP India

Nisha Sharma of Associate Professor, School of Pharmaceutical Sciences, C.S.J.M. University Kanpur, UP India

Prakash Chandra Gupta of Assistant Professor, School of Pharmaceutical Sciences, C.S.J.M. University Kanpur, UP India

Shashi Kiran Misra of Assistant Professor, School of Pharmaceutical Sciences, C.S.J.M. University Kanpur, UP India

Anupriya Kapoor of Assistant Professor, School of Pharmaceutical Sciences, C.S.J.M. University Kanpur, UP India

Anjali Sudha of Assistant Professor, HIMT College of Pharmacy Greater Noida, Gautam Buddh Nagar, UP India

**Title of invention:**

Fabrication and Evaluation of Gastro Retentive Tablet of Trandolapril in Treatment of Essential Hypertension

**Name of inventor(s):**

Tiwari, Mamta; Sharma, Nisha; Gupta, Prakash Chandra; Misra, Shashi Kiran; Kapoor, Anupriya and Sudha, Anjali

**Term of Patent:**

Eight years from 16 August 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 17<sup>th</sup> day of November 2021

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# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021105584

The Commissioner of Patents has granted the above patent on 17 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Mamta Tiwari of Associate Professor, Advance Institute of Biotech and Paramedical Sciences Kanpur, UP India

Nisha Sharma of Associate Professor, School of Pharmaceutical Sciences, C.S.J.M. University Kanpur, UP India

Prakash Chandra Gupta of Assistant Professor, School of Pharmaceutical Sciences, C.S.J.M. University Kanpur, UP India

Shashi Kiran Misra of Assistant Professor, School of Pharmaceutical Sciences, C.S.J.M. University Kanpur, UP India

Anupriya Kapoor of Assistant Professor, School of Pharmaceutical Sciences, C.S.J.M. University Kanpur, UP India

Anjali Sudha of Assistant Professor, HIMT College of Pharmacy Greater Noida, Gautam Buddh Nagar, UP India

**Title of invention:**

Fabrication and Evaluation of Gastro Retentive Tablet of Trandolapril in Treatment of Essential Hypertension

**Name of inventor(s):**

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**Title of invention:**

Fabrication and Evaluation of Gastro Retentive Tablet of Trandolapril in Treatment of Essential Hypertension

**Name of inventor(s):**

Tiwari, Mamta; Sharma, Nisha; Gupta, Prakash Chandra; Misra, Shashi Kiran; Kapoor, Anupriya and Sudha, Anjali

**Term of Patent:**

Eight years from 16 August 2021

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# CERTIFICATE OF GRANT INNOVATION PATENT

**Patent number:** 2021104894

The Commissioner of Patents has granted the above patent on 30 March 2022, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Ajay Kumar Gupta of Head, University Institute of Pharmacy C.S.J.M. University Kanpur Uttar Pradesh 208024 India

Anju Singh of Assistant Professor, University Institute of Pharmacy, CSJM University Kanpur Uttar Pradesh 208024 India

Garima Singh of University Institute of Pharmacy, CSJM University Kanpur Uttar Pradesh 208024 India

Gaurav Tiwar of Associate Professor, Institute of Pharmacy, Pranveer Singh Institute of Technology Kanpur Uttar Pradesh 209305 India

Rajendran A of Assistant Professor, University Institute of Pharmacy, CSJM University Kanpur Uttar Pradesh 208024 India

Ruchi Tiwari of Associate Professor, Institute of Pharmacy, Pranveer Singh Institute of Technology Kanpur Uttar Pradesh 209305 India

**Title of invention:**

A NOVEL METHOD OF SCREENING HELMINTHIASIS

**Name of inventor(s):**

Gupta, Ajay Kumar; Singh, Anju; Singh, Garima; Tiwari, Gaurav; A., Rajendran and Tiwari, Ruchi

**Term of Patent:**

Eight years from 3 August 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 30<sup>th</sup> day of March 2022

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Anju Singh of Assistant Professor, University Institute of Pharmacy, CSJM University Kanpur Uttar Pradesh 208024 India

Garima Singh of University Institute of Pharmacy, CSJM University Kanpur Uttar Pradesh 208024 India

Gaurav Tiwar of Associate Professor, Institute of Pharmacy, Pranveer Singh Institute of Technology Kanpur Uttar Pradesh 209305 India

Rajendran A of Assistant Professor, University Institute of Pharmacy, CSJM University Kanpur Uttar Pradesh 208024 India

Ruchi Tiwari of Associate Professor, Institute of Pharmacy, Pranveer Singh Institute of Technology Kanpur Uttar Pradesh 209305 India

**Title of invention:**

A NOVEL METHOD OF SCREENING HELMINTHIASIS

**Name of inventor(s):**

Gupta, Ajay Kumar; Singh, Anju; Singh, Garima; Tiwari, Gaurav; A., Rajendran and Tiwari, Ruchi

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Eight years from 3 August 2021

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## Patent Search

Invention Title	HEALTHCARE SERVICES PROVIDED AT HOME USING FOG COMPUTING AND CLOUD COMPUTING		
Publication Number	42/2021		
Publication Date	15/10/2021		
Publication Type	INA		
Application Number	202111043020		
Application Filing Date	22/09/2021		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	BIO-MEDICAL ENGINEERING		
Classification (IPC)	G06Q 50/22		
Inventor			
<b>Name</b>	<b>Address</b>	<b>Country</b>	<b>Nationality</b>
Dr. Prashant Kumar Mishra (Associate Professor)	Department of Computer Science and Engineering, Pranveer Singh Institute of Technology, Kanpur (Uttar Pradesh) - 209305	India	India
Charu Awasthi (Assistant Professor)	Department of Computer Science and Engineering Pranveer Singh Institute of Technology Kanpur (Uttar Pradesh) - 209305	India	India
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Dr. Alok Kumar (Assistant Professor)	Department of Computer Science and Engineering, University Institute of Engineering and Technology, CSJM University, Kanpur (Uttar Pradesh) - 208024	India	India
Dr. Deepak Kumar Verma (Assistant Professor)	Department of Computer Science and Engineering, University Institute of Engineering and Technology, CSJM University, Kanpur (Uttar Pradesh) - 208024	India	India
Applicant			

Name	Address	Country	Nationality
Dr. Prashant Kumar Mishra (Associate Professor)	Department of Computer Science and Engineering, Pranveer Singh Institute of Technology, Kanpur (Uttar Pradesh) - 209305	India	India
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Dr. Deepak Kumar Verma (Assistant Professor)	Department of Computer Science and Engineering, University Institute of Engineering and Technology, CSJM University, Kanpur (Uttar Pradesh) - 208024	India	India

**Abstract:**

Our Invention Healthcare Services gave at home using Fog Computing and Cloud Computing is a COVID-19 pandemic, the world has defied a basic test in the extension of the speed of dreariness and mortality among people, particularly the more seasoned developed patients. The risk of securing pollutions may augment during the visit of patients to the clinical facilities. Haze Computing and Cloud Computing wound up being useful in updating the clinical consideration quality organizations for the patients. The current creation targets obtaining an unrivaled arrangement and encounters into the best and novel IoTbased applications, for instance, Cloud Computing and Fog Computing and their executions in the clinical benefits field. The investigation approach used the arrangement of the information from the informational indexes like PubMed, Google Scholar, MEDLINE, and Science Direct. There are five assessment articles picked after 2020 ward on the thought and disallowance models set for the survey. The disclosures of the examinations associated with this creation show that Fog Computing and Cloud Computing augmentation the transport of clinical consideration quality organizations to patients. The advancement showed high capability to the extent solace, immovable quality, prosperity, and cost-ampleness. Future assessments are expected to unite the models that offered the best quality kinds of help using the Fog and Cloud Computation strategies for the unmistakable customer necessities. Also, edge preparing could be used to in a general sense work on the plan of prosperity organizations at home.

**Complete Specification**

Healthcare Services provided at home using Fog Computing and Cloud Computing  
BACKGROUND OF THE INVENTION

The COVID-19 pandemic influenced the whole world. From one perspective, it dialed back financial, instructive and social exercises, and then again, it expanded the grimness and mortality among individuals. In the primary wave, the largest number of passings were recorded in Italy and Spain. It was seen that the infection can spread quickly through respiratory beads by means of hacking and sniffing. It was additionally archived that the infection can make more mischief individuals associated with persistent sicknesses like diabetes, cardiovascular issues, and ongoing respiratory contaminations. Older individuals ended up being more experienced the danger of diseases and a bigger number of passings have been recorded among individuals with the age over 60 years of age.

Home hospitalization is one of the choices that should be embraced by the public authority to restrict the infection spread. For sure, the COVID-19 spread is regularly happened because of individuals meeting. For this situation, perhaps the

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Anjali Sudha of Assistant Professor, HIMT College of Pharmacy Greater Noida, Gautam Buddh Nagar, UP India

**Title of invention:**

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**Name of inventor(s):**

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**Term of Patent:**

Eight years from 16 August 2021

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निर्गमन सं. 31/2021  
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FRIDAY

दिनांक: 30/07/2021  
DATE: 30/07/2021

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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111032241 A

(19) INDIA

(22) Date of filing of Application :17/07/2021

(43) Publication Date : 30/07/2021

(54) Title of the invention : LOW POWER RECTIFIER USING CMOS TECHNOLOGY

(51) International classification	:H03K0019018500, G08B0013191000, H03K0003030000, H01L0027080000, H01L0025110000	(71) <b>Name of Applicant :</b> <b>1)Raghvendra Singh</b> Address of Applicant :Assistant Professor, Electronics and Communication Department , Rama University, Kanpur-209217 Uttar Pradesh India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)Raghvendra Singh</b>
(33) Name of priority country	:NA	<b>2)Anand Kumar Gupta</b>
(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	

(57) Abstract :

The present invention relates to the designing of Low power Rectifier using CMOS Technology. We designed a new diode less full wave rectifier based single ended to differential output circuit comparator and p-MOS, whereas the results shown that diode less rectifier used in circuit single ended to differential output plays a vital role than that off marketed ones.

No. of Pages : 24 No. of Claims : 1

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PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111034589 A

(19) INDIA

(22) Date of filing of Application :31/07/2021

(43) Publication Date : 27/08/2021

(54) Title of the invention : SMART SENSOR DEPLOYMENT BY SOM

(51) International classification	:H04W0084180000, H04W0004380000, H04W0016180000, H04L0029080000, H04W0074080000	(71) <b>Name of Applicant :</b> <b>1)VISHAL AWASTHI</b> Address of Applicant :360 D-1, LAKHANPUR, VIKAS NAGAR, KANPUR-208024 (UTTAR PRADESH) Uttar Pradesh India
(31) Priority Document No	:NA	<b>2)ATUL KUMAR AGNIHOTRI</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)VISHAL AWASTHI</b>
(86) International Application No	:NA	<b>2)ATUL KUMAR AGNIHOTRI</b>
Filing Date	:NA	<b>3)Samir Kumar Mishra</b>
(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	

(57) Abstract :

A Wireless Sensor Network is a collection of sensor nodes organized in a co-operative way. In a sensor node each node has a sensing, communication and computational capabilities. Sensor can be deployed throughout physical space, providing dense sensing quite close to physical phenomena. In this work we take into account realistic consideration of the probability density of events to be sensed, termed as event driven coverage. In this work, a model has been designed for the sensor deployment problem in a geographical area with a random (but not necessarily uniform) distribution of events to be sensed, and we address the question of what is an efficient way to distribute a given finite number of sensors in this area to reflect the expected sparseness or concentration of events.

No. of Pages : 11 No. of Claims : 3

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PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111032299 A

(19) INDIA

(22) Date of filing of Application :18/07/2021

(43) Publication Date : 06/08/2021

(54) Title of the invention : DESIGN LOW POWER AGC-PID DEVICE USING CMOS BASED RECTIFIER

(51) International classification	:H04N0005372000, H02M0001000000, H03F0003450000, H01L0029100000, H01L0029861000	(71)Name of Applicant : <b>1)Raghendra Singh</b> Address of Applicant :Assistant Professor, Electronics and Communication Department , Rama University, Kanpur-209217 Uttar Pradesh India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)Raghendra Singh</b>
(33) Name of priority country	:NA	<b>2)Anand Kumar Gupta</b>
(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	

(57) Abstract :

The present invention relates to the designing AGC-PID using CMOS technology. In this patent, the electronics design and the implementation of the drive mode control by AGC-PID, using two stage op-amp. In this work we have designed various blocks as diode less Rectifier, low pass filter, sub-tractor and PID controller.

No. of Pages : 24 No. of Claims : 1