

SRI MITTAPALLI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada An ISO 9001:2015 Certified Institution and Accredited By NAAC and NBA NH-16, Tummalapalem, Guntur-522233, A.P.

List of Patents

S.NO	NAME OF THE FACULTY	PATENT TITLE	YEAR	COUNTRY	PATENT
1	Dr SHAIK MOHAMMAD RAFI	Identifieng the pishing web by using Machine learning techniques	2022	Indian	STATUS Published
2	Dr SHAIK MOHAMMAD RAFI	Machine learning based recommendation system for crop farming	2022	Indian	Published
3	Dr SHAIK MOHAMMAD RAFI	Heart abnormalities prediction Model using Machine learning	2022	Indian	Published
4	Dr.S.Gopi Krishna	An OFMD Channel Estimation And Signal Detection Method Based On Deep Learning	2021	Australian	Granted
5	Dr.P.V.Naganjaneyulu	An OFMD Channel Estimation And Signal Detection Method Based On Deep Learning	2021	Australian	Granted
6	Dr.S.Gopi Krishna	Low-Cost Public Transport Disinfection and Sterilization system", by Dr.Gopi Krishna Sikhakolli	2020	Indian	Published
7	Dr.S.Gopi Krishna	Automatic Pathological Voice Quality Assessment using IOT based Machine Learning Algorithms	2020	Indian	Published
8	Dr.P.V.Naganjaneyulu	FRACTIONAL LINEAR DISCRIMINANT ANALYSIS METHOD FORQUALITY IMPROVEMENT OF TUMOR IDENTIFICATION SYSTEM	2020	Indian	Published

9	Dr.P.V.Naganjaneyulu	ENHANCED OPTIMIZED ENERGY EFFICIENT AND RELIABLE ROUTINGSYSTEM FOR WIRELESS SENSOR NETWORKS	2020	Indian	Published
10	Dr.P.V.Naganjaneyulu	perfomance enhancement in mifo- ofdm system using fuzzy interfernce artificial neural network	2020	Indian	Published

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Guntur (Dt.), A.P. PHI: 522 233





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	202141058235	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	14/12/2021	
APPLICANT NAME	1. Mr. Prasanna Kumar Lakineni 2. Dr SHAIK MOHAMMAD RAFI 3. Dr.Srimathi,J 4. Dr SHAHEDA AKTHAR 5. Dr. Sultanuddin SJ 6. SAI KRISHNA KODALI 7. Dr Anitha S 8. Chaithanya D J 9. N.Rajesh 10. Dr.G.Manikandan	
TITLE OF INVENTION	Identifying Phishing Web by using Machine Learning Approach	
FIELD OF INVENTION	COMMUNICATION	
E-MAIL (As Per Record)	senanipindia@gmail.com	
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PRIORITY DATE		Activate Win
REQUEST FOR EXAMINATION DATE	-	Go to Settings to
PUBLICATION DATE (11/5 11/4)	0.4(07/2022)	

(Dr. P.V. NAGANJANEYULU)

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	Application Details
APPLICATION NUMBER	202211011056
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/03/2022
APPLICANT NAME	1 . Dr. S.K.Uma Maheswaran 2 . Dr. Sivasakthi Balan K 3 . Dr. Rajesh Bhaskar Survase 4 . Dr Prachi Singh 5 . Dr Vikas Mahor 6 . Dr. R. Suresh Kumar 7 . Bhaskar Pratap Singh 8 . Dr Shaik Mohammad Rafi 9 . Akhil Gupta 10 . Dr. Kumud Pant 11 . Ms Priyanka Aggarwal
TITLE OF INVENTION	MACHINE LEARNING-BASED RECOMMENDATION SYSTEM FOR CROP FARMING
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	a2zsoftech.2010@gmail.com
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	-
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APPLICATION NUMBER	202211010350
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/02/2022
APPLICANT NAME	1 . Dr. S.K.UrnaMaheswaran 2 . Dr. Sivasakthi Balan K 3 . Dr. Sachikanta Dash 4 . Dr. Sasmita Padhy 5 . Rabinarayan Panda 6 . Raghunath Rout 7 . Vivekanand Ankush Kashid 8 . Dr Shaik Mohammad Rafi 9 . Mrs. Suvarna Manoj Bhadane 10 . Dr. Devvret Verma 11 . Ms Priyanka Aggarwal
TITLE OF INVENTION	HEART ABNORMALITIES PREDICTION MODEL USING MACHINE LEARNING
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	-
PUBLICATION DATE (U/S 11A)	18/03/2022

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पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 31/2020 ISSUE NO. 31/2020

शुक्रवार FRIDAY दिनांकः 31/07/2020

DATE: 31/07/2020

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(19) INDIA

(22) Date of filing of Application:09/07/2020

(43) Publication Date: 31/07/2020

(54) Title of the invention: AUTOMATIC PATHOLOGICAL VOICE QUALITY ASSESSMENT USING IOT BASED MACHINE LEARNING ALGORITHMS

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		3)Dr Lalit Garg
(51) I	:G06N	4)Mr. Muhammad Kashif Majeed
(51) International classification	20/00	5)Dr Bhanu Prakash Battula
(31) Priority Document No	:NA	6)Dr.Gopi Krishna Sikhakolli
(32) Priority Date	:NA	7)Dr. Monika Bhatnagar
(33) Name of priority country	:NA	8)Dr. Siva Nageswara Rao Sivaratri
(86) International Application No	:NA	9)Dr K Lakshmi Nadh
Filing Date	:NA	10)Dr.K.M.Senthilkumar
(87) International Publication No	: NA	11)Mrs.M.Archana
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr S.V.N.Sreenivasu
(62) Divisional to Application Number	:NA	2)Dr. S. Srinivasulu Raju
Filing Date	:NA	3)Dr Lalit Garg
g =		4)Mr. Muhammad Kashif Majeed
		5)Dr Bhanu Prakash Battula
		6)Dr.Gopi Krishna Sikhakolli
		7)Dr. Monika Bhatnagar
		8)Dr. Siva Nageswara Rao Sivaratri
		9)Dr K Lakshmi Nadh
		10)Dr.K.M.Senthilkumar
		11)Mrs.M.Archana

(57) Abstract:

Present century faces lot of challenges in medical field, especially in detecting the defect in voice box in human. Recently, researches reflect information that death of brain cell, nerves breakdown and many other disease and infection exhibit the symptom in the vocal cord. The physical parameter related to medical observation is obtained by sensor transducer and gets converted to signal that can be processed further. Through the gateway, the continuous periodic transition state data are sent to cloud and are evaluated by Viterbi algorithm. By adopting linear prediction model of machine learning algorithm, the desired features are obtained. There are many attributes that can be identified by the auto correlation and are subjected to feed forward neural network. Then specific identification of the feature made within short duration. From this prediction, doctors can come to conclusion whether the voice is normal or abnormal. If it is abnormal, what is the change that occurred and able to diagnose the exact problem with the human body and also able to detect the injuries or the boils that is present in the throat, so that appropriate treatment can be suggested to the patients in minimal time with accuracy.

No. of Pages: 10 No. of Claims: 5

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

Application Details

APPLICATION NUMBER

202041034076

APPLICATION TYPE

ORDINARY APPLICATION

DATE OF FILING

08/08/2020

APPLICANT NAME

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2. Mrs.B.SUNEETHA

3. Mr KODURU PRASADA RAO 4. Mr. ARSHAD MOHAMMED

5. Mr. K.NITALAKSHESWARA RAO

6. Dr. MAHABOOB SHAIK

7. Dr. AKASH KUMAR BHOL

8. Dr PRADEEP KUMAR MALLICK

9. Dr. PARVATHANENI NAGA SRINIVASU

10. Dr. RANJIT PANIGRAHI

TITLE OF INVENTION

LOW-COST PUBLIC TRANSPORT DISINFECTION AND STERILIZATION

SYSTEM

FIELD OF INVENTION

MECHANICAL ENGINEERING

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21/08/2020

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04/09/2020

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Application Status

View Documents



CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021107497

The Commissioner of Patents has granted the above patent on 8 December 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

- P. V. Naganjaneyulu of PRINCIPAL, SRI MITTAPALLI COLLEGE OF ENGINEERING GUNTUR ANDHRA PRADESH 522233 India
- V. S. R Kumari of PRINCIPAL, SRI MITTAPALLI INSTITUTE OF TECHNOLOGY FOR WOMEN GUNTUR ANDHRA PRADESH 522233 India
- S. Gopi Krishna of HEAD DEPARTMENT OF CSE, SRI MITTAPALLI COLLEGE OF ENGINEERING GUNTUR ANDHRA PRADESH 522233 India

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Sivakrishna Pandella of ASSOCIATE PROFESSOR, DEPARTMENT OF ECE, PACE INSTITUTE OF TECHNOLOGY AND SCIENCES ONGOLE ANDHRA PRADESH 523272 India

Title of invention:

AN OFDM CHANNEL ESTIMATION AND SIGNAL DETECTION METHOD BASED ON DEEP LEARNING

Name of inventor(s):

Naganjaneyulu, P. V.; Kumari, V. S. R.; Krishna, S. Gopi; Renuka, Nellaturu; Seelam, Koteswararao; Babu, K. Rajesh; Mannem, Kiran and Pandella , Sivakrishna

Term of Patent:

Eight years from 25 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.



(Dr. P.V. NAGANJANE.VIII. 1)

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Dated this 8th day of December 2021

Commissioner of Patents

PATENTS ACT 1990

Extracts from the Patents Act, 1990

Sect 120(1A)

Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128

Application for relief from unjustified threats

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
 - (a) a declaration that the threats are unjustifiable; and
 - (b) an injunction against the continuance of the threats; and
 - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A

Threats related to an innovation patent application or innovation patent and courts power to grant relief.

Certain threats of infringement proceedings are always unjustifiable.

(1) If

- (a) a person:
 - (i) has applied for an innovation patent, but the application has not been determined; or
 - (ii) has an innovation patent that has not been certified; and
- (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

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

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

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

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

Schedule 1

Dictionary

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

P.V. NAG MNE (e) in respect of the patent PRINCIPAL COLLEGE
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Guntur (Dt.), A.P. Pin: 522 233



Apply for an Australian patent > New application

Summary

Patent type

: Innovation patent

Patent details

Invention details

Invention title: AN OFDM CHANNEL ESTIMATION AND SIGNAL DETECTION METHOD BASED ON DEEP LEARNING Category: Electrical/Electronic

Additional details (specification)

Description

CompleteSpecification.pdf 286.9 KB

Claims

claims.pdf

Drawings

DrawingsSheet.pdf

Micro-organisms

Does your patent application relate to micro-organisms?: No

Entity details

Owner details

Owner Title: Dr

Name: P.v. Naganjaneyulu
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Name: V.S.R Kumari

Inventor 3

Name: S.Gopi Krishna

Inventor 4

Name: Nellaturu Renuka

Inventor 5

Name: Koteswararao Seelam

Inventor 6

Name: K.Rajesh Babu

Inventor 7

Name: Kiran Mannem

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Guntur (Dt.), A.P. Pin: 522 233

Inventor 8

Name: Sivakrishna Pandella

Request and fees

Request

Would you like to request and pay for an amendment now?: No

Fees payable

Australian patent application

Innovation Patent Application (By Preferred Means)

\$180.00

Total cost

\$180.00

OF ENGINEER, NH-5, GUNTUR (Dt.), A.P. Pin : 522 232





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

	Application Details
APPLICATION NUMBER	202041038124
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/09/2020
APPLICANT NAME	Dr.P.V. Naganjaneyulu
TITLE OF INVENTION	FRACTIONAL LINEAR DISCRIMINANT ANALYSIS METHOD FOR QUALITY IMPROVEMENT OF TUMOR IDENTIFICATION SYSTEM
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	pvnaganjaneyulu@gmail.com
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	-
PUBLICATION DATE (U/S 11A)	11/09/2020

Application Status	
	View Documents

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

Application Details		
APPLICATION NUMBER	202041041400	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	24/09/2020	
APPLICANT NAME	Dr.P.V. Naganjaneyulu	
TITLE OF INVENTION	ENHANCED OPTIMIZED ENERGY EFFICIENT AND RELIABLE ROUTING SYSTEM FOR WIRELESS SENSOR NETWORKS	
FIELD OF INVENTION	COMMUNICATION	
E-MAIL (As Per Record)	pvnaganjaneyulu@gmail.com	
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PRIORITY DATE		
REQUEST FOR EXAMINATION DATE		
PUBLICATION DATE (U/S 11A)	02/10/2020	

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		View Documents

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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	202141021389	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	12/05/2021	
APPLICANT NAME	1 . Dr.P.V.Naganjaneyulu 2 . Dr.P.Nageswara Rao 3 . Mrs.N.Renuka 4 . Mr.Kiran Mannem 5 . Mr.K.Jamal 6 . Dr.Koteswara Rao Seelam 7 . Mr.V.T Venkateswarlu	
TITLE OF INVENTION	PERFORMANCE ENHANCEMENT IN MIMO-OFDM SYSTEM USING FUZZY INFERENCE ARTIFICIAL NEURAL NETWORK	
FIELD OF INVENTION	COMMUNICATION	
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