



भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 Of The Patents Rules) क्रमांक : 022114237 SL No :



पेटेंट सं. / Patent No.

373312

आवेदन सं. / Application No.

201621039957

फाइल करने की तारीख / Date of Filing

23/11/2016

पेटेंटी / Patentee

1.UBALE AMOL BHIMRAO 2.VERMA PRASOON PANKAJ

3.PANGAVHANE DILIP RAMBHAU

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित SYSTEM AND METHOD FOR PRODUCING METHANE GAS नामक आविष्कार के लिए, पेटेंट अधिनियम, १६७० के उपबंधों के अनुसार आज तारीख 23rd day of November 2016 से बीस वर्ष की अविध के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled SYSTEM AND METHOD FOR PRODUCING METHANE GAS as disclosed in the above mentioned application for the term of 20 years from the 23rd day of November 2016 in accordance with the provisions of the Patents Act,1970.

ROPERTY INDIA ISIDESIGNS FRADE MARKS OGRAPHICAL INDICATION 302

अनुदान की तारीख : 30/07/2021 Date of Grant : पेटेंट नियंत्रक Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 23rd day of November 2018 को और उसके पश्चात प्रत्येक वर्ष मे उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 23rd day of November 2018 and on the same day in every year thereafter.

Controller General of Patents, Designs & Trade Marks





Docket No 27899 Date/Time 2022/05/13 14:45:32

Pandit Subhash Patil. Dr Dilip R Pangavhane. Dr Sanjay P Shekhawat Pravin Laxamanrao Sarode Email: panditpatil3@gmail.com

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	202221027566	1/30676/2022- MUM	1600	12386	FORM 1	Full	TYPE SOLAR DRYER

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0000964559	Online Bank Transfer	1305220012790	1600.00	1475001020000001

Total Amount : ₹ 1600.00

Amount in Words: Rupees One Thousand Six Hundred Only

Received from Pravin Laxamanrao Sarode the sum of ₹ 1600.00 on account of Payment of fee for above mentioned Application/Forms.

* This is a computer generated receipt, hecnce no signature required.

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भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE

泰斯帝: 022121758 SL No:



पेटेंट सं. / Patent No.

417222

आवेदन सं. / Application No.

201921053887

पाइल करने की तारीख / Date of Filing

26/12/2019

पेटेटी / Patentee

1.Mrunal Ninad Annadate 2.Manoj S, Nagmode

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में मवाप्रकटित METHOD FOR DETECTION OF HEART ABNORMALITY IN ULTRASOUND VIDEO नामक आविष्कर के लिए, पेटेंट अविनिक्स, 1970 के उपर्यक्त के अनुसार आज तारीख दिसम्बर 2019 के छब्बीसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदन किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled METHOD FOR DETECTION OF HEART ABNORMALITY IN ULTRASOUND VIDEO as disclosed in the above mentioned application for the term of 20 years from the 26th day of December 2019 in accordance with the provisions of the Patents Act, 1970.

Date of Grant : 09/01/2023

क्रिक्ट - इस वेटि से नरीकरण के लिए फील, चरि इसे कराए तथा जाना है, तिशम्बर 2021 से प्रम्मीसर्दे तिन को और प्रश्ने प्रमात अपेक वर्ष से उसी दिन तेव लेगी। Note. - The fees for renewal of this patent, if it is to be maintained will full / has fallen due on 26th day of December 2021 and on the

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 17/02/2022

(21) Application No.202241008511 A

(43) Publication Date: 04/03/2022

(54) Title of the invention: A HYDRAULIC JACK ASSEMBLY WITH SAFETY MEANS AND SENSING MECHANISM

:B66F0003240000, B66F0003300000, H01M0002100000,

B66F0003080000, F16D0065560000

·PCT//

: NA

:NA

:NA

:NA :NA

:01/01/1900

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(57) Abstract

[044] The present invention discloses a hydraulic jack assembly with safety means and sensing mechanism. The assembly is comprised of, but not limited to, a cylindrical unit having an end surface; a piston unit movably supported in the cylindrical unit; and a threaded member supported for safe movement with the piston unit, which is threadedly engaging the threaded member and being selectively engageable with the end surface of the cylindrical unit, and providing the engagement of the piston unit and the end surface limiting axial movement of the piston unit relative to the cylindrical unit in at least one direction. Further, the cylindrical unit is further provided with a driving assembly operable to rotate a nut relative to the threaded member and provided with a control valve operable to control movement of the piston unit relative to the cylindrical unit Accompanied Drawing [FIG.1]

No. of Pages: 23 No. of Claims: 8

(51) International classification

(86) International Application

(87) International Publication

(62) Divisional to Application

(61) Patent of Addition to

Filing Date

Application Number

Filing Date

Filing Date

No

पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 39/2023 ISSUE NO. 39/2023

शुक्रवार FRIDAY दिनांकः 29/09/2023

DATE: 29/09/2023

पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 13/07/2023

(21) Application No.202321047280 A

(43) Publication Date: 29/09/2023

(54) Title of the invention: DEEP LEARNING TECHNIQUES FOR PREVENTION OF TRAIN ACCIDENT AND PREDICTION OF BREAKDOWN IN THE SYSTEM

:G06N0003080000, G06N0003040000, G06K0009620000, (51) International classification H04W0028020000, H04L0027260000 (86) International Application Filing Date (87) International Publication : NA No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application ·NA

:NA

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4)Prof. Nishant Praveer

5)Pankaj Singh Chandel

6)Dr. Alla Srivani

7)Sakthivel M

8) Vikas Suresh Jagtap

9)Dr.Manasi Vyankatesh Ghamande

10)Ravi Rastogi

11)Priyank Udaybhai Trivedi

12)Dr E D Francis

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Address of Applicant : NA (72)Name of Inventor:

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(57) Abstract:

Number

Filing Date

Deep Learning techniques for Prevention of Train Accident and Prediction of Breakdown in the system is the proposed invention. The proposed invention focuses on preventing the train accidents that may occur due to technical issues. The invention implements deep learning techniques to identify and predict the breakdown in sensor system.

No. of Pages: 14 No. of Claims: 7

REPUBLIC OF SOUTH AFRICA	REGISTER OF PATENTS	PATENTS ACT, 1978	
Official application No.	Lodging date: Provisional	Acceptance date	
21 01 2023/03196	22	47 2023/05/29	
International classification	Lodging date: Complete	Granted date	
51 G01D	23 2023/02/28	2023/06/28	
71 Full name(s) of applicant(s)/Patentee(s):			
VISHWAKARMA INSTITUTE OF TECHNOLOGY			
666, UPPER MARKET RD, UPPER INDIRA NAGAR	R, BIBWEWADI, PUNE, MAHARASHTRA - 411037,	Uganda	
71 Applicant substitued:		Date registrered	
71 Assignee(s):		Date registrered	
72 Full name(s) of inventor(s):			
SONDKAR, Shilpa NISAL, Amit Ravindra TRIMUKHE, Dipmala Bhagwat GHULE, Sidhhant Sanjay			
GAJARE, Mansi Mhalsakant JADHAV, Dipraj Chandrakant			
	Number	Date	ų.
JADHAV, Dipraj Chandrakant	Number	Date	
JADHAV, Dipraj Chandrakant	Number	Date	
JADHAV, Dipraj Chandrakant	Number	Date	1
JADHAV, Dipraj Chandrakant Priority claimed: Country		Date	
JADHAV, Dipraj Chandrakant Priority claimed: Country Title of invention		Date	
JADHAV, Dipraj Chandrakant Priority claimed: Country Title of invention		Date	
JADHAV, Dipraj Chandrakant Priority claimed: Country Title of invention NON-INVASIVE HAEMOGLOBIN LEVEL SCF	REENING AND INDICATION SYSTEM	Date	
JADHAV, Dipraj Chandrakant Priority claimed: Country Title of invention NON-INVASIVE HAEMOGLOBIN LEVEL SCF Address of applicant(s)/patentee(s): 666, UPPER MARKET RD, UPPER INDIRA NAGAR	REENING AND INDICATION SYSTEM	Date	
JADHAV, Dipraj Chandrakant Priority claimed: Country Title of invention NON-INVASIVE HAEMOGLOBIN LEVEL SCF Address of applicant(s)/patentee(s): 666, UPPER MARKET RD, UPPER INDIRA NAGAR UGANDA	REENING AND INDICATION SYSTEM	Date	
JADHAV, Dipraj Chandrakant Priority claimed: Country Title of invention NON-INVASIVE HAEMOGLOBIN LEVEL SCF Address of applicant(s)/patentee(s): 666, UPPER MARKET RD, UPPER INDIRA NAGAR UGANDA 74 Address for service Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, Gauteng, 219-	REENING AND INDICATION SYSTEM R, BIBWEWADI, PUNE, MAHARASHTRA - 411037	Date	
JADHAV, Dipraj Chandrakant Priority claimed: Country Title of invention NON-INVASIVE HAEMOGLOBIN LEVEL SCF Address of applicant(s)/patentee(s): 666, UPPER MARKET RD, UPPER INDIRA NAGAR UGANDA 74 Address for service Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, Gauteng, 219-8 SOUTH AFRICA	REENING AND INDICATION SYSTEM R, BIBWEWADI, PUNE, MAHARASHTRA - 411037	Date	
JADHAV, Dipraj Chandrakant Priority claimed: Country Title of invention NON-INVASIVE HAEMOGLOBIN LEVEL SCF Address of applicant(s)/patentee(s): 666, UPPER MARKET RD, UPPER INDIRA NAGAR UGANDA 74 Address for service Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, Gauteng, 219-SOUTH AFRICA Reference No.	REENING AND INDICATION SYSTEM R, BIBWEWADI, PUNE, MAHARASHTRA - 411037	Date	
JADHAV, Dipraj Chandrakant Priority claimed: Country Title of invention NON-INVASIVE HAEMOGLOBIN LEVEL SCF Address of applicant(s)/patentee(s): 666, UPPER MARKET RD, UPPER INDIRA NAGAR UGANDA 74 Address for service Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, Gauteng, 219-8 SOUTH AFRICA	REENING AND INDICATION SYSTEM R, BIBWEWADI, PUNE, MAHARASHTRA - 411037	Date	
JADHAV, Dipraj Chandrakant Priority claimed: Country Title of invention NON-INVASIVE HAEMOGLOBIN LEVEL SCF Address of applicant(s)/patentee(s): 666, UPPER MARKET RD, UPPER INDIRA NAGAR UGANDA 74 Address for service Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, Gauteng, 219-SOUTH AFRICA Reference No.	REENING AND INDICATION SYSTEM R, BIBWEWADI, PUNE, MAHARASHTRA - 411037	Date	

RENEWAL SHEET

ĺ				
	Year	Payment Date	Receipt Number	Amount

HISTORY SHEET

Date entry made	Description
2023-03-02	Request for the acceptance of a Patent electronically filed on 28/2/2023, numbered 2023/03196
2023-03-02	Proof reading performed automatically
2023-05-29	Application accepted on 29/05/2023.
2023-06-29	Patent advertised on 28-06-2023.
2023-06-29	Patent granted on 28-06-2023.









دی انٹیلیکچولپر அறிவுசா**પેင်င**ா**प्रमाण्**॥**पत्र**

बोद्धिङसंपद्यानुंडायविय, भारतसरहार, का पेटेंट कायोलय, भारत सरकार का The Patent Office, Government Of India Patent Certificate

बौद्धिक सम्पत्ति कार्यालयं, भारत सरकार, 👊 ्पेटेंर्ट नियमावली का नियम 74) 🗓 (Rule 74 of The Patents Rules) ప్రభుత్వము, 8 राष्ट्रा लम्मारेले प्रोधारित

पेटेंट सं. 7 Patent No. मनवान, Формая G2Cabe 67km. 3 502039 n.c. Фарало Карара, बौद्धिक संपदा चा कार्यालय, भारत सरकार,

ت جو ,அற்திய அரச, آفس آف دی انٹیلیکچولیرایرٹیگورنمنٹ آف انڈیا ,அறிவுசார் சொத்து அலுவலகம், இந்திய அரச,

फाइल करने की तारीख / Date of Filing

22/10/2014 संपदा दफ्तर, भारत सरकार, (वीफ्रिक जम्भून कार्यालय जाउन

पेटेंटी / Patentee

भारत प्रमाणित किया जाता है <mark>कि पेटेंटी को, उपरोक्त</mark> आवेदन में यथाप्रकटित AN INSTRUMENT FOR PREDICTING SHELF LIFE OF FRUITS AND THE METHOD OF MEASUREMENT THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अक्टूबर 2014 के बाईसवें दिन से बीस वर्ष की अविध के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled AN INSTRUMENT FOR PREDICTING SHELF LIFE OF FRUITS AND THE METHOD OF MEASUREMENT THEREOF as disclosed in the above mentioned application for the term of 20 years from the 22nd day of October 2014 in accordance with the provisions of the Patents Act, 1970.

يفتر، هندى, बौद्धिक सम्पित्ति कार्यालयं, भारत सरकार, بغتر، هندى, बौद्धिक सम्पित्ति कार्यालयं, भारत सरकार, بغتر، هنده

बौद्धिक संपदा कार्यालय, भारत सरकार, ਬੌਧਿਕ ਸੰਪਤੀ ਦਫਤਰ, ਭਾਰਤ ਸਰਕਾਰ, ወ১೪岛೫ G20៧೮ b೫୪୬.৫ b೫৯১೫೪೫.৫, Ф岛೫৯೫೦ ೬೪৯১৮೫৯, बौ

भारत सरकार, Intellectual Property Office, Government of India, (वाफ्निक সম্পত্তিৰ কাৰ্যালয়, ভাৰত চৰকাৰ, बौद्धिक संपदा दप्तर, भारत सरकार

23/01/2024 Date of Grant :

बौद्धिक संपदा कार्यालय, भा Controller of Patents

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, अक्टूबर 2016 के बाईसवें दिन को और उसके पश्चात प्रत्येक वर्ष मे उसी दिन देय होगी। Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 22nd day of October 2016 and on the same

सरकार, घेंपिव मेंपेडी स्ढेंड, बार्चे मठवार, Ф५%३७ G2000 b7ए७.३ b७৯५७०.७, Ф८७৯५७०, ए०७७०, बौद्धिक संपदा चा कार्यालय, भारत सरकार, ବୌଦିକ धर्मा نشورانه ملڪيت جو ,அற்திய அரசு, இந்திய அரசு (قس آف دي انٹيليکچولپراپرٹيگورنمنٹ آف انڈیا, அறிவுசார் சொத்து அலுவலகம், இந்திய அரசு

3/3/24, 5:54 PM PATENT eFiling

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Quick Form Filing

All Forms (1 To 30) New Application (Form 1)

PCT National Phase Application (Form 1)

File Form 2 File Form 9 File Form 13 File Form 18 File Form 28

Form 30

Renewal of Patent Reply to Examination

Report Petition under rule 6(6)

Fifth Schedule

Form History

Payments/Submission

Pending CBR

Control Panel

User Panel

Downloads

Declaration As To Inventorship -Form 5

Application Number: 202421015696 Date of Filing: 03/03/2024

COST EFFECTIVE CATALYST FOR ENHANCEMENT OF FUEL FRACTIONS DURING THERMOPLASTIC MUNICIPAL W Title Of Invention:

RECYCLE

DR. MAHESH SHINDIKAR Address: DEPARTMENT OF APPLIED SCIENCES, COLLEGE OF ENGINEERING, PUNE, SH Address Of Service:

PUNE 411005.

	Sr.No.	Applicant Name	Applicant Type	Address
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ſ	2	DR MANISHA KHALADKAR	NP	ADDRESS: 81A/3B GIRIDARSHAN SOCIETY, NEAR SAKALNAGAR AUNDH, PUNE
	3	DR. YOGESHWARI BHAGWAN SONAWANE	INIP	RADHA-103, ALANKAPURI SOCIETY, OPPOSITE TO BANK OF MAHARASHTRA,P ROAD, PUNE 411021

Sr.No.	Inventor Name	Inventor Country	Inventor Nationality	Address
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Add Additional Inventor(if any)

APP.No.	NAME	ADDRESS	LOCALITY	COUNTRY	STATE	CITY	NATIONALIT
APP.No. (202421015696	Name	Address	Locality	Country SELECT	State	City	Nationality

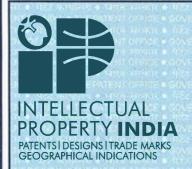
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भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 Of The Patents Rules) क्रमांक : 022114792 SL No :



पेटेंट सं. / Patent No. : 376745

आवेदन सं. / Application No. : 201921051414

फाइल करने की तारीख / Date of Filing : 12/12/2019

पेटेंटी / Patentee : 1.Aditi Shantanu Jahagirdar 2.Manoj Shrikrishna Nagmode

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित SYSTEM AND METHOD FOR ABNORMAL EVENT DETECTION नामक आविष्कार के लिए, पेटेंट अधिनियम, १६७० के उपबंधों के अनुसार आज तारीख 12th day of December 2019 से बीस वर्ष की अविध के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled SYSTEM AND METHOD FOR ABNORMAL EVENT DETECTION as disclosed in the above mentioned application for the term of 20 years from the 12th day of December 2019 in accordance with the provisions of the Patents Act,1970.

PROPERTY INDIA. * ISIDESIGNS TRADE WARKS ** ORAPHCAL INDICATION 20

अनुदान की तारीख : 08/09/2021 Date of Grant : पेटेंट नियंत्रक Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 12th day of December 2021 को और उसके पश्चात प्रत्येक वर्ष मे उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 12th day of December 2021 and on the same day in every year thereafter.







बौद्धिक संपदा कार्यालय, भारत सरकार, Intellectual Property Office, Government of India, (वोद्धिक जम्लविब कार्यालय, ভाৰত চৰকাৰ, बौद्धिक संपदा दफ्तर, भारत

Extracts from the



मीद्भिक्षपदानुंडार्यावयः, लारतसरका**ग्रतिलिप्यथिकार कार्यालयः,भारत सरकार**ा Copyright Office, Government Of India. वीपव मेपडी सदउत. उपउ मतवन्त, ७५९७७ ६२८७१ ५२४७.३ ५७३५७७७.८, ७८७५७० ४९७५७७३, बौद्धिक संपदा चा कार्यालय, भारत सरकार, ६००० विर्माक/Dated:08/12/2023/६. 🛋 पजीकरण संख्या/Registration Number L-137503/2023 2. आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant DR. RATNAPRABHA RAVINDRA BORHADE , ROW HOUSE NO 2, GAJANAN KRUPA VARAD TANISHO HOUSING SOCIETY, BENKAR VASTI DHAYARI, PUNE-411041-411041 বাদ্ধিক সম্পত্তিৰ কাৰ্যালয়, ভাৰত চৰকাৰ, ৰাদ্ধিক संपदा INDIAN DR. MANOJ SHRIKRISHNA NAGMODE, PROFESSOR AND HEAD OF DEPARTMENT E & TC ENGINEERING, GOVERNMENT COLLEGE OF ENGINEERING AND RESEARCH, AVSARI KHURD, PUNE 412405-412045 MR. RAVINDRA HONAJI BORHADE, ROW HOUSE NO 2, GAJANAN KRUPA VARAD TANISHO HOUSING SOCIETY, बौद्धिक सम्पत्ति कार्यालयं, भारत सरकार, دفتر، هندستان حي حڪومت BENKAR VASTI DHAYARI, PUNE-411041.-411041 INDIAN 3. कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work AUTHOR गौद्धिक संपदा₄काय LITERARY/DRAMATIC WORK THE LITERACY WORK COMPRISES THESIS ON EPILEPTIC SEIZURE PREDICTION BY EXTRACTING OF EEG SIGNAL FEACTURES FOR COMPUTED BASED MONITORING SYSTEM कृति का वर्ग और वर्णन भारत सरकार, ६० Class and description of the work COMPUTER BASED MONITORING SYSTEM इन्ट्रुएळार्डं इन्हेंत का शोधक रहेंगे. हैं उनिया (OFFIRE) EPILEPTIC SEIZURE PREDICTION BY EXTRACTING OF EEG | G भारत सरकार, Intellige of the work working Government of India, खोडिन्क अस्था SIGNAL FEATURES FOR COMPUTER BASED MONITORING SYSTEM কার্যালয়,ভাবৃত স कृति की भाषा ENGLISH കാര്യാലയം, gLanguage of the work, बोद्धिक संपदा कार्यालय, भारत सरकार, 000000 700 रचयिता का नाम, पता और राष्ट्रीयता तथा यदि रचयिता की मृत्यु हो गई है. DR. RATNAPRABHA RAVINDRA BORHADE, ROW HOUSE NO 2, GAJANAN KRUPA VARAD TANISHQ HOUSING SOCIETY, BENKAR VASTI DHAYARI, PUNE-411041-411041 तो मृत्यु की तिथि Name, address and nationality of the author and if the author is DR. MANOJ SHRIKRISHNA NAGMODE , PROFESSOR AND HEAD OF DEPARTMENT E & TC ENGINEERING, GOVERNMENT COLLEGE OF ENGINEERING AND RESEARCH, AVSARI KHURD, PUNE 412405-412045 INDIAN MR. RAVINDRA HONAJI BORHADE, ROW HOUSE NO 2, GAJANAN KRUPA VARAD TANISHQ HOUSING SOCIETY, BENKAR VASTI DHAYARI, PUNE-411041.-411041 INDIAN من الليكجوثل برابرتي UNPUBLISHED 8. कृति प्रकाशित है या अप्रकाशित Whether the work is published or unpublished बौध्दक संपत्ती क प्रथम प्रकाशन का वर्ष और देश तथा प्रकाशक का नाम, पता और राष्ट्रीयता 10. बाद के प्रकाशनों के वर्ष और देश, यदि कोई हों, और प्रकाशकों के नाम, पते Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers DR, RATNAPRABHA RAVINDRA BORHADE, ROW HOUSE NO 2, GAJANAN KRUPA VARAD TANISHQ HOUSING SOCIETY, BENKAR VASTI DHAYARI, PUNE- 411041-411041 कृति में प्रतिलिप्यधिकार सहित विभिन्न अधिकारों के स्वामियों के नाम, पते और ಆಸ್ತಿ ಕಚೇರಿ, ಭಾಗ राष्ट्रीयताए और समनुदेशन और अनुज्ञप्तियों के विवरण के साथ प्रत्येक के अधिकार का विस्तार, यदि कोई हो। INDIAN Names, addresses and nationalities of the owners of various rights INDIAN
DR. MANOJ SHRIKRISHNA NAGMODE, PROFESSOR AND
HEAD OF DEPARTMENT E & TC ENGINEERING,
GOVERNMENT COLLEGE OF ENGINEERING AND
RESEARCH, AVSARI KHURD, PUNE 412405-412045 comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if INDIAN MR. RAVINDRA HONAJI BORHADE , ROW HOUSE NO 2, GAJANAN KRUPA VARAD TANISHQ HOUSING SOCIETY BENKAR VASTI DHAYARI, PUNE-411041.-411041 INDIAN FEST FIRST HARTE OSONO GEORGE BAKEN A BENDUMPEN OF 3न्य व्यक्तियों के नाम, पते और राष्ट्रीयताए, यदि कोई हो, जो प्रतिलिप्यधिकार वाले अधिकारों को समानुदेशित करने या अनुझरित देने के लिए अधिकृत हो Names, addresses and nationalities of other persons, if any, authorised to assign or licence of rights comprising the copyright . यदि कृति एक 'कलात्मक कृति' हैं, तो कृति पर अधिकार रखने वाले व्यक्ति का : N.A. विधार शिक्षार है । मिस्स एक प्राप्त कि का : N.A. विधार राष्ट्रीयता सहित मूल कृति का स्थान। (एक वास्तुशिख्य कृति प्राप्त कि मानले में कृति पुरी होने का वर्ष भी दिखाया जाना चाहिए).

If the work is an 'Artistic work', the location of the original work, **চ**बकाब, बौद्धिक of the work. (In the case of an architectural work, the year of Hodd, 00000 of the work should also be shown).

अनुसार व्यापार चिन्न शांजस्ट्रार से प्रमाणन शामिल होना चाहिए।
If the work is an 'Artistic work' which is used or capable of be
used in relation to any goods or services, the application shouls
include a certification from the Registrar of Trade Marks in ter
the provision to Sub-Section (i) of Section 45 of the Copyrigh
1957. िर्धि कि. व. 15. यदि कृति एक 'कलात्मक कृति' है, तो क्या यह डिजाइन अधिनियम 2000 के 15 8 N.A. ी 8∏ 5.5 2400 6100 5.0 अतर्गत पंजीकृत है? यदि हा, तो विवरण दे। If the work is an 'Artistic work', whether it is registered under the

ा4.) यदि कृति एक 'कलारमक कृति' हैं जो किसी भी माल या सेवाओं के संबंध में الدياد N.A. الله الدياد الدياد الدياد

बाद्धिक सम्पत्ति व उपयोग की जाती है या उपयोग किए जाने में सक्षम है, तो आवेदन में प्रतिलिप्यधिकार अधिनियम, 1957 की धारा 45 की उप-धारा (i) के प्राव मिंग्नी कि एक अनुसार व्यापार चिह्न रजिस्ट्रार से प्रमाणन शामिल होना चाहिए।

Designs Act 2000, if yes give details.

१८८० एक प्रथम स्थापन Registrar of Copyrights

ಯು. ಫ್ರಾರಕ್ತ ಪ್ರಭುತ್ವಮು. ಕ್ಷ್ಯುಗ್ರೆಗ್ ೧೯೫೩೩ ಹೆಕ್ಕಾರ್ನ

16. यदि कृति एक 'कलात्मक कृति' है, जो डिजाइन अधिनियम 2000 के तहत : N.A. एक डिजाइन के रूप में पंजीकृत होने में सक्षम है, तो क्या यह औद्योगिक प्रक्रिया के माध्यम से किसी वस्तु पर प्रयुक्त की गई है और यदि हाँ, तो इसे कितनी बार पुनरुत्पादित किया गया है?
If the work is an 'Artistic work', capable of being registered as a design under the Designs Act 2000. whether it has been applied to an article though an industrial process and ,if yes ,the number of times it is reproduced.

17. टिप्पणी, यदि कोई हो/Remarks, if any डायरी संख्या/Diary Number: 26903/2023-CO/L

डायरी संख्या/Diary Number: 26903/2023-0 आवेदन की तिथि/Date of Application: 08/10/2023

आवेदन की तिथि/Date of Application: 08/10/2023 प्राप्ति की तिथि/Date of Receipt: 08/10/2023





IPR INFORMATION SUMMARY

SR. NO.	IPR TYPE	FACULTY NAME	YEAR	TOPIC
1	Patent No. : 373312 Application No. : 201621039957	1.UBALE AMOL BHIMRAO 2.VERMA PRASOON PANKAJ 3.PANGAVHANE DILIP RAMBHAU	23/11/2016 (GRANTED FOR 20 YEARS)	SYSTEM AND METHOD FOR PRODUCING METHANE GAS
2	Patent No. : 417222 Application No. : 201921053887	1.MRUNAL NINAD ANNADATE 2. MANOJ SHRIKRISHNA NAGMODE	26/12/2019 (GRANTED FOR 20 YEARS)	METHOD OF DETECTING HEART ABNORMALIT Y IN ULTRASOUND VIDEO
3	Application No.202241008511	6)Mr.Rajesh Kakumanu 7)Ms.Dipmala Bhagwat Trimukhe 8)Dr.Amarendranath Choudhury 9)Dr.Valaparla Ranjith Kumar 10)Mr.Vishesh Sanjeevbhai Dharaiya	04/03/2022	Title of the invention : A HYDRAULIC JACK ASSEMBLY WITH SAFETY MEANS AND SENSING MECHANISM
4	Application No. 202321047280	1)Mohan Madhukar Akole Address of Applicant :Assistant Professor in Instrumentation and Control Engineering, Government College of Engineering and Research, Avasari, Pune Pune 2)Ch Raghavendra 3)D V Raghunatha Reddy 4)Prof. Nishant Praveer 5)Pankaj Singh Chandel 6)Dr. Alla Srivani 7)Sakthivel M 8)Vikas Suresh Jagtap 9)Dr.Manasi Vyankatesh Ghamande 10)Ravi Rastogi	29/09/2023	DEEP LEARNING TECHNIQUES FOR PREVENTION OF TRAIN ACCIDENT AND PREDICTION OF BREAKDOWN IN THE SYSTEM
5	Application No. 2023/03196	MHETRE, Manisha SONDKAR, Shilpa NISAL, Amit Ravindra TRIMUKHE, Dipmala Bhagwat GHULE, Sidhhant Sanjay GAJARE, Mansi Mhalsakant	28-06-2023	ON-INVASIVE HAEMOGLOBIN LEVEL SCREENING AND INDICATION SYSTE

		JADHAV, Dipraj Chandrakan		
6	Patent No.: 502039 Application No.: 3377/MUM/2014 Date of Filing: 22/10/2014	KALYANA SUNDARAM	20/10/2014 (GRANTED FOR 20 YEARS)	AN INSTRUMENT FOR PREDICTING SHELF LIFE OF FRUITS AND THE METHOD OF MEASUREMENT THEREOF
7	Application Number: 202421015696	DR. MAHESH SHINDIKAR DR MANISHA KHALADKAR DR. YOGESHWARI BHAGWAN SONAWANE	Filing: 03/03/2024	COST EFFECTIVE CATALYST FOR ENHANCEMENT OF FUEL FRACTIONS DURING THERMOPLASTIC MUNICIPAL W RECYCLE
8	Patent No.: 376745 Application No.: 201921051414 Date of Filing: 12/12/2019	Aditi Shantanu Jahagirdar MANOJ SHRIKRISHNA NAGMODE	12/12/2019 (GRANTED FOR 20 YEARS)	SYSTEM AND METHOD FOR ABNORMAL EVENT DETECTION
9	COPYRIGHT Registration Number : L-137503/2023	MANOJ SHRIKRISHNA NAGMODE		EPILIPTIC SEIZURE PREDICTION BY EXTRACTION OF EEG SIGNALS AND FEATURE FOR COMPUTER BASED MONITERING SYSTEM

The Government College of Engineering and Research at Avasari Khurd has made significant academic contributions, with its faculty securing 8 patents, of which 7 have been granted, and one copyright. The faculty members have published 70 research papers in renowned journals such as SCI, WoS, Scopus, and UGC-CARE listed publications. In addition, 72 books and papers have been presented at national and international conferences.

The institution actively addresses the gap between academia and industry through 18 MOUs with industrial partners, facilitating sponsored projects, internships, field visits, and on-the-job training programs.

As part of its social responsibility efforts, the NSS unit of GCOEARA organizes various initiatives such as blood donation camps, digital literacy programs, and the Swachh Bharat Abhiyan in the surrounding communities.