D. P. Bhosale College, Koregaon

Intellectual Property Rights (IPR)

Patents: 24

Sr. No	Name of the Inventor	Name of the Invention & Details	Status
1	Prin. Dr. V. S Sawant	PCT International "Bi-Ionic Air Cleaner and Disinfection System" Application No PCT/IN2022/051016 filled on 21th Nov.2022	Published
2		PCT International "System & Method for Smog Removal" Application No PCT/IN2021/050961 filled on 7th October 2021	Published
3		"System & Method for Smog Removal" Patent Application No: 2020015336 filled on 7th October 2021	Examination
4		"A Bi-Ionic Air Cleaner & Disinfector system" Patent Application No: 202121054534 filled on 25th November 2021	Examination
5		Design Patent Application No: 354377-001 filled on 30th November 2021	Granted
6		Design Patent Application No: 354378-001 filled on 30th November 2021	Examination
7		Design Patent Application No: 354379-001 filled on 30th November 2021	Granted
8	Dr. V. S Jamadade	A Chemical Synthesis Process for Manganese Ferrite Thin Film and Use as Oxygen Evolution Reaction Their Application No: 202321000100 on 02/01/2023	Published
9		Chemical synthesis of polythiophene thin film for supercapacitor application, 1695/MUM/2012 Patent office Date of Filing 11/06/2012, Publication Date:	Granted

		20/12/2013, Granted Date-19-03-2020	
10		A Simple Chemical Synthesis Process of Cobalt Manganese Phosphate Thin Films on Conducting and Non-Conducting Substrates Thereof, Application. No. 202121000316, Date of Filing-05/01/2021	Examination
11		"A Chemical Synthesis Process of Manganese Phosphate on Conducting Substrate Thereof" Indian patent, Patent office, Application. No.-202121025396, Date of Filing-08/06/2021	Examination
12		A chemical synthesis process of manganese ferrite thin films on conducting substrates for energy storage, Application No. 202221005137 dated 31-01-2022	Granted
13		A Electrochemical Method of Preparation of Managanese Ferrite Thin Films On Conducting Substrates . Application No-202221030806, dated 30-05-2022	Examination
14		Electrochemical capacitor based on polypyrrole thin film electrode, Application. No- 3221/MUM/2011. Patent office Date of Filing 14/11/2011, Publication Date : 28/06/2013	Published
15		Room temperature sensor based on n-$NiFe_2O_4$/p-Polyaniline heterojunction, Application. No - 1232/MUM/2011. Patent office Date of Filing 15/04/2011, Publication Date : 07/03/2014	Published
16		Chemically deposited nanocrystalline $ZnFe_2O_4$ thin films for supercapacitive application, Application. No - 341/MUM/2011. A, Patent office Date of Filing 07/02/2011, Publication Date : 28/06/2013	Published

17	Dr. S. D. Jadhav	Novel enantiomerically enriched oxoisoindolin, Application No-202021007622A, date-23/02/2020	Examination
18	Dr.P.S. Patil & Dr. N.D Nikam.	Biological specimen preservation by potash alum crystal, Application No - 201921007190A, date -22/02/2019	Published
19		A deep Learning based Approach to analyze to atomic structure and chemical make of various polymers and their applications, Application No. 202221036246, 24/06/2022	Published
20	Dr. S. M. Deshpande	A Polyherbal Composition, Application No. 202121024024, date -29/05/2021	Registered
21	Dr.S.P. Nalwade	Effect of Dietary Inclusion of Symbiotic, Application No: - 202321013287, Dated- 17/03/2023	Published
22		"Effect of Operculina Turpethum on Body Weight, Organ Weight and Fertility" Application No: - 202321021587, Dated- 28/04/2023	Published
23		"Ayurvedic Medicine to Prevent Blockages In Heart and to Thin the Blood" Application No: - 202321022639, Dated-28/04/2023	Published
24	Dr.R.B. Patil	Smart Nano Bandage for Wound Dressing, Application No.- 202321027105/12/04/2023	Registered

D. P. BHOSALE COLLEGE KOREGAON

PRINCIPAL,
D. P. Bhosale College,
Koregaon.

INTELLECTUAL PROPERTY INDIA
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सत्यमेव जयते

NIPAM
NATIONAL IP AWARENESS MISSION

Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE OF APPRECIATION

Presented to

D.P.BHOSALE COLLEGE, KOREGAON, DIST-SATARA, MAHARASHTRA

In recognition of active participation in the ***National Intellectual Property Awareness Mission (NIPAM)*** *launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on* ***August 12, 2022*** *in association with* ***Intellectual Property Office, Mumbai*** *by providing your valuable time and support is highly appreciated.*

Solicit your continued support for outreach of IPR far and wide.

Date:August 22, 2022

(Prof. (Dr) Unnat P. Pandit)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

INTELLECTUAL PROPERTY INDIA
Patents | Designs | Trademarks
Geographical Indications

Receipt of Electronic Submission

The Receiving Office (RO/IN) acknowledges the receipt of a PCT International Application filed using ePCT-Filing. An Application Number and Date of Receipt have been automatically assigned (Administrative Instructions, Part 7).

Submission Number:	051016	
Application Number:	PCT/IN2022/051016	
Date of Receipt:	21 November 2022	
Receiving Office:	Indian Patent Office	
Your Reference:	VS-2	
Applicant:	SAWANT, Dr. Vijaysinh	
Number of Applicants:	1	
Title:	BI-IONIC AIR CLEANER AND DISINFECTION SYSTEM	
Documents Submitted:	VS2-appb-000004.pdf (PCT draft.pdf)	1744509
	VS2-appb.xml	952
	VS2-decl.xml	4998
	VS2-fees.xml	1676
	VS2-poat-000001.xml	1834
	VS2-poat-000002.pdf (PCT POA.pdf)	50165
	VS2-requ.xml	6188
	VS2-vlog.xml	2450
Submitted by:	Prafulla Wange (Customer ID: user_IN_WANGE_PRAFULLA_9475)	
Timestamp of Receipt:	21 November 2022 14:32 UTC+5:30 (IST)	
Official Digest of Submission:	88:37:4B:D0:A1:68:9A:49:32:F3:B0:80:BA:C3:1C:11:31:EA:CD:DC	

/RO/IN/

D. P. BHOSALE COLLEGE KOREGAON

VS-2

PCT POWER OF ATTORNEY

(Original in Electronic Form)

0-1	**PCT Power of Attorney (for an international application filed under the Patent Cooperation Treaty) (PCT Rule 90.4)**	
0-1-1	Prepared Using	**ePCT-Filing** **Version 4.10.010 MT/FOP 20221109/1.1**

1	**The undersigned applicant(s)**	**SAWANT, Dr. Vijaysinh**
1-1-1	**hereby appoints (appoint) the following person**	**WANGE, Prafulla** **BHATE & PONKSHE** **12, Venumadhav Apts, 104/7, Off. Lane No. 14,** **Prabhat Road** **411004 Pune** **India**
1-2	**as**	**Agent**
1-3	**to represent the undersigned before**	**all the competent International Authorities**
1-4	**in connection with the international application identified below:**	
1-4-1	**Title of Invention**	
1-4-2	**Applicant's or agent's file reference**	**VS-2**
1-4-3	**International application number (if already available)**	
1-4-4	**filed with the following Office as receiving Office**	**Indian Patent Office (RO/IN)**
1-5	**and to make or receive payments on behalf of the undersigned**	

2-1	**Signature of applicant**	**/Dr. Vijaysinh SAWANT/**
2-1-1	Name (LAST, First)	**SAWANT, Dr. Vijaysinh**
2-1-3	Capacity (if such capacity is not obvious from reading the request)	
3	**Date**	**21 November 2022 (21.11.2022)**

1. WO2022074674 - SYSTEM AND METHOD FOR SMOG REMOVAL

PCT Biblio. Data | Description | Claims | Drawings | National Phase | Notices | Documents

Submit observation | PermaLink | Machine translation

Publication Number
WO/2022/074674

Publication Date
14.04.2022

International Application No.
PCT/IN2021/050961

International Filing Date
07.10.2021

IPC
F24F 3/16 2021.1 | A61L 9/22 2006.1 | B03C 3/41 2006.1 | F24F 13/28 2006.1

CPC
A61L 2209/14 | A61L 9/22 | B03C 3/0175 | B03C 3/155 | B03C 3/368 | B03C 3/38

View more classifications

Applicants
SAWANT, Vijaysinh Sambhajiro [IN]/[IN]

Inventors
SAWANT, Vijaysinh Sambhajiro

Agents
WANGE, Prafulla

Priority Data
202021015336 07.10.2020 IN

Publication Language
English (en)

Filing Language
English (EN)

Designated States
View all

Title
(EN) SYSTEM AND METHOD FOR SMOG REMOVAL
(FR) SYSTÈME ET PROCÉDÉ D'ÉLIMINATION DE SMOG

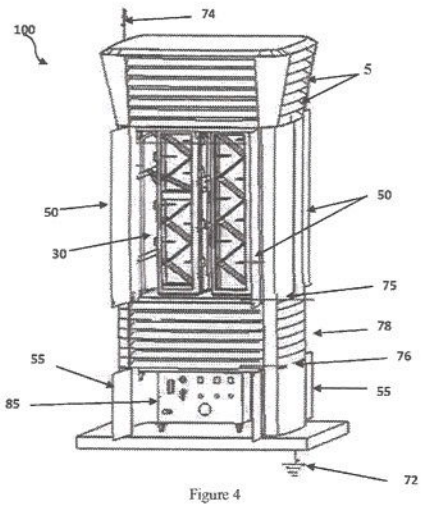

Figure 4

Abstract

(EN) Disclosed is a system (100) and method for removing smog and particulate matter from air to remove air pollution. The system (100) is a modular type sturdy housing comprising an air inlet chamber (10), an ionization chamber (40) fitted 5 with a plurality of ionization units (30) therein, an air outlet chamber (60) and a lower chamber (70) enclosing a power and control circuit (90). A plurality of discharge electrodes (22) connected to a high voltage direct current source for supplying voltage in a range between 3 kV to 25 kV are disposed on two opposing inner surfaces of each ionization unit (30) in a planner configuration. Discharge 10 electrodes (22) emit charging current and provide voltage that generates an electrical field between the discharge electrodes and the grounded grid (26). The electrical field forces dust and other pollutant particles in the air stream to migrate towards the grid (26).

(FR) La divulgation concerne un système (100) et un procédé d'élimination du smog et de la matière particulaire de l'air, afin d'éliminer la pollution de l'air. Le système (100) est un boîtier robuste du type modulaire qui comporte une chambre d'entrée d'air (10), une chambre d'ionisation (40) dont l'intérieur est pourvu d'une pluralité d'unités d'ionisation (30), une chambre de sortie d'air (60) et une chambre inférieure (70) renfermant un circuit d'alimentation et de commande (90). Une pluralité d'électrodes de décharge (22), connectées à une source de courant continu à haute tension permettant l'alimentation en une tension comprise entre 3 kV et 25 kV, est disposée sur deux surfaces internes opposées de chaque unité d'ionisation (30) dans une configuration plus plane. Les électrodes de décharge (22) émettent un courant de charge et fournissent une tension afin de générer un champ électrique entre les électrodes de décharge et une grille mise à la terre (26). Le champ électrique force la poussière et d'autres particules polluantes dans le courant d'air à migrer vers la grille (26).

Latest bibliographic data on file with the International Bureau

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

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

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

Application Details	
APPLICATION NUMBER	202021015336
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/10/2020
APPLICANT NAME	Vijaysinh Sambhajiro Sawant
TITLE OF INVENTION	SYSTEM AND METHOD FOR SMOG REMOVAL
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	ipr@bhateponkshe.com
ADDITIONAL-EMAIL (As Per Record)	ipr@bhateponkshe.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	24/11/2021
PUBLICATION DATE (U/S 11A)	27/05/2022
REPLY TO FER DATE	15/11/2022

Application Status

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

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Application Details	
APPLICATION NUMBER	202121054534
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/11/2021
APPLICANT NAME	DR. VIJAYSINH S. SAWANT
TITLE OF INVENTION	A BI-IONIC AIR CLEANER AND DISINFECTION SYSTEM
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	ipr@bhateponkshe.com
ADDITIONAL-EMAIL (As Per Record)	pwange@bhateponkshe.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	22/11/2022
PUBLICATION DATE (U/S 11A)	09/12/2022

Application Status	
APPLICATION STATUS	**Application referred u/s 12 for examination.**

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Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Design Application Details

Application Number:

354377-001

Cbr Number:

210547

Cbr Date:

06/12/2021 16:42:19

Applicant Name:

Dr. Vijaysinh S. Sawant

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 52/2022 and Journal Date is 30/12/2022

Back (/DesignApplicationStatus/)

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

Design Office, Kolkata : controllerdesign.ipo@nic.in
Controller General of Patents, Designs and Trademarks

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GOVERNMENT OF INDIA

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

Design Application Details

Application Number:

354378-001

Cbr Number:

210547

Cbr Date:

06/12/2021 16:42:19

Applicant Name:

Vijaysinh S. Sawant

Design Application Status

Application Status:

Application Accepted,Certificate of Design not Generated.

Back (/DesignApplicationStatus/)

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

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Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Design Application Details

Application Number:

354379-001

Cbr Number:

210547

Cbr Date:

06/12/2021 16:42:19

Applicant Name:

Vijaysinh S. Sawant

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 52/2022 and Journal Date is 30/12/2022

Back (/DesignApplicationStatus/)

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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	202321000100
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/01/2023
APPLICANT NAME	DR.VINAYAK SHIVAJIRAO JAMADADE
TITLE OF INVENTION	A CHMICAL SYNTHESIS PROCESS FOR MANGANESE FERRITE THIN FILM ND USE AS OXYGEN EVOLUTION REACTION THEREOF
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	vinayakjamadade@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	10/02/2023

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

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सत्यमेव जयते

क्रमांक : 022108233
SL No :

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

पेटेंट सं. / Patent No.	:	335201
आवेदन सं. / Application No.	:	1695/MUM/2012
फाइल करने की तारीख / Date of Filing	:	11/06/2012
पेटेंटी / Patentee	:	PROF. CHANDRAKANT DNYANDEV LOKHANDE

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित CHEMICAL SYNTHESIS OF POLYTHIOPHENE THIN FILMS FOR SUPERCAPACITOR APPLICATION" नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 11th day of June 2012 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled CHEMICAL SYNTHESIS OF POLYTHIOPHENE THIN FILMS FOR SUPERCAPACITOR APPLICATION" as disclosed in the above mentioned application for the term of 20 years from the 11th day of June 2012 in accordance with the provisions of the Patents Act,1970.

एकस्व कार्यालय THE PATENT OFFICE GOVT.OF INDIA भारत सरकार

अनुदान की तारीख :
Date of Grant : 19/03/2020

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, **11th day of June 2014**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 **11th day of June 2014** and on the same day in every year thereafter.

D-52380

E-11/229/2022

200313217

FORM 8

THE PATENTS ACT, 1970
(39 of 1970)

REQUEST OR CLAIM REGARDING MENTION OF INVENTORAS SUCH IN A PATENT

[See sections 28(2), 28(3) and 28 (4); rules 66, 67 and 68]

8801 रूपये नकद/पे.ऑ./मनी ऑर्डर द्वारा
CBR संख्या. 22682 दि. 29/08/2022
के तहत प्राप्त हुए।

We, here by state/claim that the following person be mentioned as inventors in the patent application No. 1695/MUM/2012 dated 11/06/2012 made by PROF. CHANDRAKANT DNYANDEV LOKHANDE

Name: PROF. CHANDRAKANT DNYANDEV LOKHANDE

Address: THIN FILM PHYSICS LABORATORY, DEPARTMENT OF PHYSICS, SHIVAJI UNIVERSITY, KOLHAPUR-416004, MAHARASHTRA, INDIA

Nationality: INDIA

Name: DR. VINAYAK SHIVAJIRAO JAMADADE

Address: THIN FILM PHYSICS LABORATORY, DEPARTMENT OF PHYSICS, SHIVAJI UNIVERSITY, KOLHAPUR-416004, MAHARASHTRA, INDIA

Nationality: INDIA

And I/we hereby apply for a certificate to that effect.

A statement setting out the circumstances under which this application is made is attached together with the copy/copies thereof as required under the Rules.

My/our address for service in India is,

Thin film physics laboratory, department of physics, Shivaji University, kolhapur-416004, Maharashtra, India

Dated this 24th day of August, 2022

PROF. CHANDRAKANT DNYANDEV LOKHANDE
Applicant

भारत सरकार, पेटेन्ट कार्यालय
29 AUG 2022
GOVT. OF INDIA, PATENT OFFICE, MUMBAI

IPO MUMBAI 29-08-2022 15:48

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

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

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

Application Details	
APPLICATION NUMBER	202121000316
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/01/2021
APPLICANT NAME	1 . MR. PRANAV KALIDAS KATKAR 2 . DR. VINAYAK SHIVAJIRAO JAMADADE
TITLE OF INVENTION	"A SIMPLE CHEMICAL SYNTHESIS PROCESS OF COBALT MANGANESE PHOSPHATE THIN FILMS ON CONDUCTING AND NON-CONDUCTING SUBSTRATES THEREOF."
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	pranav.ktkr@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	01/11/2021
PUBLICATION DATE (U/S 11A)	12/02/2021

Application Status

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

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

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

Application Details	
APPLICATION NUMBER	202121025396
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/06/2021
APPLICANT NAME	1 . DR. PRANAV KALIDAS KATKAR 2 . DR. VINAYAK SHIVAJIRAO JAMADADE
TITLE OF INVENTION	"A CHEMICAL SYNTHESIS PROCESS OF MANGANESE PHOSPHATE THIN FILMS ON CONDUCTING SUBSTRATE THEREOF"
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	pranav.ktkr@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	01/11/2021
PUBLICATION DATE (U/S 11A)	30/07/2021
REPLY TO FER DATE	05/09/2022

Application Status

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

क्रमांक : 022121485
SL No :

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE

(Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No.	:	415578
आवेदन सं. / Application No.	:	202221005137
फाइल करने की तारीख / Date of Filing	:	31/01/2022
पेटेंटी / Patentee	:	DR.VINAYAK SHIVAJIRAO JAMADADE
आविष्कारक (जहां लागू हो) / Inventor(s)	:	1.DR.VINAYAK SHIVAJIRAO JAMADADE 2.MR.RUSHIRAJ PRATAPRAO BHOSALE 3.DR.SHIVAJI BHAURAO UBALE 4.MR.SAMBHAJI SHIVAJI KUMBHAR 5.PROF.CHANDRAKANT DNYANDEV LOKHANDE

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित A CHEMICAL SYNTHESIS PROCESS OF MANAGANESE FERRITE THIN FILMS ON CONDUCTING SUBSTRATES FOR ENERGY STORAGE" नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख जनवरी 2022 के इकत्तीसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled A CHEMICAL SYNTHESIS PROCESS OF MANAGANESE FERRITE THIN FILMS ON CONDUCTING SUBSTRATES FOR ENERGY STORAGE" as disclosed in the above mentioned application for the term of 20 years from the 31st day of January 2022 in accordance with the provisions of the Patents Act,1970.

एकस्य कार्यालय THE PATENT OFFICE GOVT.OF INDIA भारत सरकार

अनुदान की तारीख :
Date of Grant : 27/12/2022

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, जनवरी 2024 के इकत्तीसवें दिन को और उसके पश्चात प्रत्येक वर्ष मे उसी दिन देय होगी।

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Application Details	
APPLICATION NUMBER	202221030806
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	30/05/2022
APPLICANT NAME	DR.VINAYAK SHIVAJIRAO JAMADADE
TITLE OF INVENTION	A ELECTROCHEMICAL METHOD OF PREPARATION OF MANAGANESE FERRITE THIN FILMS ON CONDUCTING SUBSTRATES FOR ENERGY STORAGE"..
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	vinayakjamadade@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	03/08/2022
PUBLICATION DATE (U/S 11A)	08/07/2022

Application Status	
APPLICATION STATUS	Application Awaiting Examination

View Documents

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2011

(21) Application No.3221/MUM/2011 A
(43) Publication Date : 28/06/2013

(54) Title of the invention : ELECTROCHEMICAL CAPACITOR BASED ON POLYPYRROLE THIN FILM ELECTRODE

(51) International classification	:H01M 6/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)PROF. CHANDRAKANT DNYANDEV LOKHANDE
2)MR. VINAYAK SHIVAJIRAO JAMADADE
3)MR. SANDIP VILASRAO PATIL

(57) Abstract :
The present investigation deals with synthesis of polypyrrole thin films by simple and cost effective chemical deposition method at room temperature. The solution containing monomer pyrrole, ammonium persulphate and sulphuric acid was used for deposition of polypyrrole thin film on to stainless steel substrates. The stainless steel substrates were immersed in above solution for 1-24 hr. at room temperature to get deposition of polypyrrole on stainless steel. The supercapacitive properties of these chemically deposited polypyrrole thin films were tested in sulphuric acid electrolyte using cyclic voltammetry (CV) technique. The maximum value of specific capacitance 515 Fg-1 was achieved at scan rate 50 mVs-1 and good cyclability beyond 5,000 cycles with 83% stability.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2011

(21) Application No.1232/MUM/2011 A
(43) Publication Date : 07/03/2014

(54) Title of the invention : ROOM TEMPERATURE SENSOR BASED ON N-NIFE2O4/P-POLYANILINE HETEROJUCTION FOR LIQUEFIED PETRLEUM GAS (LPG) DETECTION.

(51) International classification	:B63B27/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PROF. CHANDRAKANT DNYANDEV LOKHANDE
2)MR. VINAYAK SHIVAJIRAO JAMADADE

(57) Abstract :
In the present investigation, the room temperature sensor based on n-NiFe2O4/p-polyaniline heterojunction have been successfully fabricated using simple inexpensive chemical and electrochemical deposition methods for liquefied petroleum gas (LPG) detection. The heterojunction was made-up by electrochemical anodization of aniline on to chemically deposited nanoflakes like structured NiFe2O4 film substrate. Morphological analysis using field-emission scanning electron microscopy (FESEM) of the junction cross-section revealed the formation of a diffusion-free interface. The n-NiFe2O4p-polyaniline heterojunction based sensor showed the maximum response of 73 % upon exposure to 1040 ppm LPG at room temperature.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2011

(21) Application No.341/MUM/2011 A
(43) Publication Date : 28/06/2013

(54) Title of the invention : CHEMICALLY DEPOSITED NANOCRYSTALLINE ZnFe2O4 THIN FILMS FOR SUPERCAPACITIVE APPLICATION

(51) International classification	:C25D9/08; C25D5/50,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :THIN FILM PHYSICS LABORATORY, DEPARTMENT OF PHYSICS, SHIVAJI UNIVERSITY, KOLHAPUR, 416 004. Maharashtra India
(72)**Name of Inventor :**
1)PROF. CHANDRAKANT DNYANDEV LOKHANDE
2)MR. VINAYAK SHIVAJIRAO JAMADADE
3)MR. AJAY DATTU JAGADALE

(57) Abstract :
In present investigation, the nanocrystalline ZnFe2O4 thin films have been prepared by chemical deposition method on to low cost stainless steel substrates. These films were used for supercapacitor application. The spinel structure of nanocrystalline ZnFe2O4 thin film confirmed by X-ray diffraction analysis. Scanning electron micrographs (SEM) showed formation of hexagonal flakes like structure of ZnFe2O4 film. ZnFe2O4 thin film tested in 1 M Na2SO3 electrolyte showed maximum specific capacitance of 334 Fg-1 at the scan rate 100 mVs-1. Nanocrystalline ZnFe2O4 thin film showed 65 % cyclic stability after 5000th cycles in 1 M Na2SO3 electrolyte at the scan rate 100 mV s-1.

No. of Pages : 14 No. of Claims : 10

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Application Details	
APPLICATION NUMBER	202021007622
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/02/2020
APPLICANT NAME	Dr JADHAV SUNIL DHANAJI
TITLE OF INVENTION	ß ADDITION OF ORGANOMANGANESE REAGENTS TO A,ß-UNSATURATED ESTER, ENONE AND ALLYL CHLORIDE IN PRESENCE OF [CU(NCME)2(PPH3)2]BF4 CATALYST
FIELD OF INVENTION	CHEMICAL
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	23/10/2021
PUBLICATION DATE (U/S 11A)	28/02/2020

Application Status	
APPLICATION STATUS	Abandoned U/s 21(1)

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Application Details	
APPLICATION NUMBER	201921007190
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/02/2019
APPLICANT NAME	Dr. Nikam Nitin Dattatray
TITLE OF INVENTION	BIOLOGICAL SPECIMEN PRESERVATION BY POTASH ALUM CRYSTAL
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	nikamndchem@gmail.com
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	01/03/2019

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

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Application Details	
APPLICATION NUMBER	202221036246
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/06/2022
APPLICANT NAME	1 . DR P S PATIL 2 . DR N D NIKAM
TITLE OF INVENTION	A DEEP LEARNING-BASED APPROACH TO ANALYZE THE ATOMIC STRUCTURE AND CHEMICAL MAKE OF VARIOUS POLYMERS AND THEIR APPLICATIONS
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)	22/07/2022

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

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Application Details

APPLICATION NUMBER	202121024024
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/05/2021

Application Status

APPLICATION STATUS

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

➡ Disposed

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

Reporting through email only.

Dear Dr. Swapnaja

We write to confirm that we have filed the provisional specification at the Indian Patent Office in respect of the above noted invention and the application has been numbered as:

Patent application no.	**202121024024**
Date	29.05.2021
Title	A POLYHERBAL COMPOSITION
Inventors	**DESHPANDE, Swapnaja Mukund** PAWAR, Pratima Ashok BENDRE, Neha Nandkumar DESHPANDE, Vishwas Yashwant JADHAV, Bharat Tayappa

Please find herewith attached copy of the as filed specification and the e-filing receipt in respect of this matter.

N.B: Paper copy provided only on request.

Thanks & Regards
Ms Ana Francis - Patent Paralegal
For

D. P. BHOSALE COLLEGE KOREGAON

PRINCIPAL,
D. P. Bhosale College,
Koregaon.

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Application Details

APPLICATION NUMBER	202321013287
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/02/2023
APPLICANT NAME	**Dr. Savita Pravin Nalawade.**
TITLE OF INVENTION	"EFFECTS OF DIETARY INCLUSION OF SYNBIOTICS"
FIELD OF INVENTION	FOOD
E-MAIL (As Per Record)	tmindia123@gmail.com
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	17/03/2023

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Application Details

APPLICATION NUMBER	202321021587
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/03/2023
APPLICANT NAME	**Dr. Savita Pravin Nalawade**
TITLE OF INVENTION	"EFFECT OF OPERCULINA TURPETHUM ON BODY WEIGHT, ORGAN WEIGHT AND FERTILITY"
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	tmindia123@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	28/04/2023

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Application Details

APPLICATION NUMBER	202321022639
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	28/03/2023
APPLICANT NAME	**1 . Ms. Kanan Vishal Sawant** **2 . Mr. Chaitanya Ganesh Nagmal** **3 . Dr. Savita Pravin Nalawade**
TITLE OF INVENTION	"AYURVEDIC MEDICINE TO PREVENT BLOCKAGES IN HEART AND TO THIN THE BLOOD"
FIELD OF INVENTION	POLYMER TECHNOLOGY
E-MAIL (As Per Record)	tmindia123@gmail.com
ADDITIONAL-EMAIL (As Per Record)	tmindia123@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	28/04/2023

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Application Number: 202321027105
Date of Filing: 12/04/2023
Title Of Invention: Smart Nano Bandage (Nanoparticles) for the Wound Dressing
Address Of Service: Priya Dilip Lokare Address: Assistant Professor, Department of Botany, Loknete Ramdas Patil Dhumal Arts, Sc Commerce College, Rahuri, Ahmednagar, Maharashtra, India 413705.

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| 1 | 2

Sr.No.	Inventor Name	Inventor Country	Inventor Nationality	Address
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| 1 | 2

Add Additional Inventor(if any)

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