



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	202341025353
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/04/2023
APPLICANT NAME	1 . MOUNESHACHARI S 2 . Dr. Venkatesh 3 . <u>Dr. Yogish Naik G R</u> 4 . Poornima G J 5 . Annappa K E 6 . Bharathi N 7 . Dr. Usha M S 8 . Dr. Gururaj K S 9 . Dr. Ashoka K 10 . Dr.Swarnalatha K 11 . Mrs. Shwetha B S
TITLE OF INVENTION	Cost effective Sewerage Blocking Monitoring using Image processing and Internet of Things
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	drmounesh.cs@gmail.com
ADDITIONAL-EMAIL (As Per Record)	



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**INTELLECTUAL
PROPERTY INDIA**
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GEOGRAPHICAL INDICATIONS



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 of The Patents Rules)

क्रमांक : 044122541
SL No :



पेटेंट नं. / Patent No. : 346059
अवेदन नं. / Application No. : 3512/CHE/2012
चढ़ाव करने की तारीख / Date of Filing : 27/08/2012
पेटेंट / Patentee : REGISTRAR

प्रमाणित किया जाता है कि पेटेंटों को उपरोक्त आवेदन में वर्णित ABSOLUTE GRAPHITE ELECTRODE SYSTEM FOR VOLTAMMETRIC STUDIES AND THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख 27th day of August 2012 से बीस वर्ष की अवधि के लिए पेटेंट प्रदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled ABSOLUTE GRAPHITE ELECTRODE SYSTEM FOR VOLTAMMETRIC STUDIES AND THEREOF as disclosed in the above mentioned application for the term of 20 years from the 27th day of August 2012 in accordance with the provisions of the Patents Act, 1970.



अंगण सं. तारीख : 04/09/2020
Date of Issue

(Signature)
OFF INCHG
Controller of Patents

टिप्पणी - इस पेटेंट के अंतर्गत के अधिकार, यदि इन काल तक नहीं हैं, 27th day of August 2014 के लिए उन्हें नवीकरित करने के लिए देना होगा।
Note - The fees for renewal of this patent. It is to be maintained will till / has fallen due on 27th day of August 2014 and on the same day in every year thereafter.



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(अनुच्छेद 11 के तहत जारी किया गया)

पेटेंट संख्या : 64432541
SL No :



पेटेंट संख्या / Patent No. 346059
अर्जन संख्या / Application No. 3512CHE/2012
अर्जन तिथि / Date of Filing 27/08/2012
पेटेंट अधिकारी / REGISTRAR

प्रमाणित किया जाता है कि उक्त अर्जन के संबंध में ABSOLUTE GRAPHITE ELECTRODE SYSTEM FOR VOLTAMMETRIC STUDIES AND THEREOF नामक आविष्कार के लिए उक्त अर्जन, 27 अगस्त, 2012 के दिनांक से अर्जन प्राप्त होने के तत्पश्चात् 27 अगस्त, 2012 के दिनांक से अर्जन के लिए उक्त अर्जन प्रमाणपत्र जारी किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled ABSOLUTE GRAPHITE ELECTRODE SYSTEM FOR VOLTAMMETRIC STUDIES AND THEREOF as disclosed in the above mentioned application for the term of 20 years from the 27th day of August 2012 in accordance with the provisions of the PATENTS ACT, 1970.



पेटेंट कार्यालय
Date of Issue 04/09/2020

पेटेंट अधिकारी
Controller of Patents

प्रमाणित किया जाता है कि उक्त अर्जन के लिए उक्त अर्जन प्रमाणपत्र 27 अगस्त, 2012 के दिनांक से अर्जन प्राप्त होने के तत्पश्चात् 27 अगस्त, 2012 के दिनांक से अर्जन के लिए उक्त अर्जन प्रमाणपत्र जारी किया गया है।
Note: The text for issuance of this patent certificate is being re-issued on 27th day of August 2012 and on the same date in every year thereafter.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application : 14/10/2022

(21) Application No. 202241058835 A

(43) Publication Date : 21/10/2022

(54) Title of the invention : A method of Natural New Binder for Carbon Paste Electrode for Voltammetry

(51) International classification : G01N0027300000, G01N0027480000, G01N0027327000, H01L0029861000, A61B0090000000
 (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

(71) Name of Applicant :

1) Dr. B.E. Kumara Swamy

Address of Applicant : Dept of Industrial Chemistry, Jnana Sahyadri, Kuvempu University, Shankaraghatta, Shivamogga-577451, Karnataka, India Shimoga -----

2) Dr. Mohan Kumar

3) Dr. Sathish Reddy

4) Kuvempu University

5) PES Institute of Technology and Management

6) REVA University

Name of Applicant : NA

Address of Applicant : NA

(72) Name of Inventor :

1) Dr. B.E. Kumara Swamy

Address of Applicant : Dept of Industrial Chemistry, Jnana Sahyadri, Kuvempu University, Shankaraghatta, Shivamogga-577451, Karnataka, India Shimoga -----

2) Dr. Mohan Kumar

Address of Applicant : Department of Chemistry, PES Institute of Technology and Management, NH-206, Sagar Road, Guddada Arakere, Kotegangoor, Shivamogga-577204, Karnataka, India Shimoga -----

3) Dr. Sathish Reddy

Address of Applicant : Department of Chemistry, REVA University, Rukmini Knowledge Park, Kattigenahalli, Yelahanka, Bengaluru- 560064, Karnataka, India Bangalore -----

(57) Abstract :

7. Abstract In the existing invention, coconut oil is used as a binder for the preparation of carbon paste and as an electrode for the cyclic voltammetric method studies of dopamine determination, examining the electrochemical behaviour of prepared carbon paste electrodes with different scan rates and variation of the concentration of dopamine and different pH. Moreover, the electrochemical responses of the electrode towards potassium ferrocyanide, ascorbic acid, and uric acid were also tested.

No. of Pages : 21 No. of Claims : 3



म. No 3512/CHE/2012

सेवा में, To:

Address of Service:- DR. Y. ARTHOBA NAYAKA, DEPARTMENT OF CHEMISTRY, KUVEMPUR UNIVERSITY SHANKARAGHATA,
 SHIMOGA, KARNATAKA - 577 451.

Email Id.- drarthoba@yahoo.co.in

दिनांक / Dated the

विषय :- पेटेंट आवेदन संख्या 3512/CHE/2012 के संबंध में अधिनियम की धारा 43 के तहत पेटेंट अनुदान तथा पेटेंट रजिस्टर में प्रविष्टि की सूचना
 Sub - Intimation of the grant and recordal of patent under section 43 of the Act in respect of patent application no. 3512/CHE/2012

महोदय महोदया,
 Sir / Madam,

आपको सूचित किया जाता है कि पेटेंट अधिनियम, 1970 की धारा 12 व 13 तथा उस आधार पर बने नियम के तहत उपर्युक्त पेटेंट आवेदन के परीक्षण [ब
 सुनवाई] के उपरान्त एतद्वारा पेटेंट अनुदान किया जाता है तथा पेटेंट अनुदान की प्रविष्टि 04/09/2020 को पेटेंट रजिस्टर में कर दी गयी है।

This is to inform you that following the examination of above mentioned patent application under section 12 and 13 of The Patents Act, 1970 and Rules made thereunder [and hearing held on 04/09/2020] a patent is hereby granted and recorded in the Register of Patents on the date of 04/09/2020. The Patent Certificate is enclosed herewith.

पेटेंट संख्या \ Patent No	: 346059
आवेदक का नाम \ Name Of Applicant	: REGISTRAR
पेटेंट दिनांक \ Date of Patent	: 27/08/2012
पूर्विका तिथि \ Priority Date	: 27/08/2012
परिष्कार हेतु अनुप्रेषण दाखिल करने की तिथि \ Filing date of Request for examination	: 17/09/2012
शीर्षक \ Title	: ABSOLUTE GRAPHITE ELECTRODE SYSTEM FOR VOLTAMMETRIC STUDIES AND TITRATIONS
दावा की संख्या \ Number of claims	: 1-9

उपर्युक्त पेटेंट के अनुदान का प्रकाशन अधिनियम की धारा 43 के तहत पेटेंट कार्यालय के आधिकारिक जर्नल में किया जाएगा।
 The grant of above mentioned patent will be published in the Official Journal of the patent Office under section 43 of the Act.

पेटेंट अधिनियम 1970 तथा संगोपित पेटेंट (संगोपन) नियम, 2005/ पेटेंट नियम, 2003 तथा संगोपित पेटेंट (संगोपन) नियम, 2016 की धारा 142 की उप-धारा (4) प्रावधानों के तहत उपरोक्त प्रविष्टि की तिथि से 3 माह के भीतर इस कार्यालय में नवीकरण शुल्क जमा किया जाना चाहिए।
 The payment of renewal fee is required to be made at this office within three(3) months from the aforesaid date of recording according to proviso in sub-section(4) of Section 142 of The Patents Act, 1970, as amended by The Patents (Amendment) Act, 2005 / The Patents Rules, 2005 as amended by The Patents (Amendment) Rules, 2016.

Raman
 (नियंत्रक)
 Controller of Patents

टिप्पणी Note :

- संगोपित नवीकरण शुल्क हेतु कृपया महानियंत्रक पेटेंट, अभिकल्प एवं व्यापार चिह्न की आधिकारिक वेबसाइट www.ipindia.gov.in पर उपलब्ध पेटेंट (संगोपन) नियम 2005 के प्रावधानों (शुल्क) देखें।
 For revised renewal fees kindly refer to the First Schedule (fees) of The Patents (Amendment) Rules 2016 available on the official website of Controller General of Patents, Designs and Trade Marks www.ipindia.gov.in
- कार्यालय द्वारा पेटेंट प्रमाणपत्र की कोई भी कॉपी प्रति अलग से जारी नहीं की जाएगी।
 No hard copy of Patent Certificate shall be issued separately by the office.

(12) PATENT APPLICATION PUBLICATION

(21) Application No. 202241058835 A

(19) INDIA

(22) Date of filing of Application : 14/10/2022

(43) Publication Date : 21/10/2022

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(86) International Application No : PCT
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(61) Patent of Addition to Application Number : NA
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