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PROPERTY INDIA**

PATENTS | DESIGNS | TRADE MARKS
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सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

पेटेंट कार्यालय
THE PATENT OFFICE

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

क्रमांक : 033113144
SL No :



पेटेंट सं. / Patent No. : 349375
आवेदन सं. / Application No. : 805/KOL/2013
फाइल करने की तारीख / Date of Filing : 05/07/2013
पेटेंटी / Patentee : INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित EARTHEN MATERIAL BASED CATHODE SEPARATOR ASSEMBLY FOR BIOELECTROCHEMICAL SYSTEM नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 5th day of July 2013 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 EARTHEN MATERIAL BASED CATHODE SEPARATOR ASSEMBLY FOR BIOELECTROCHEMICAL SYSTEM as disclosed in the above mentioned application for the term of 20 years from the 5th day of July 2013 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 15/10/2020
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

OkSupta

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 5th day of July 2015 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 5th day of July 2015 and on the same day in every year thereafter.



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उपदर्शन/GEOGRAPHICAL INDICATIONS



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एकस्व कार्यालय /THE PATENT OFFICE
बौद्धिक सम्पदा भवन / I.P.O. BUILDING
सी.पी. 2, सेक्टर V/ CP-2, Sector V,
साल्ट लेक सिटी/Salt Lake City
कोलकाता/ Kolkata- 700091
दूरभाष / Tel. No.: (091)(033)223679101
फैक्स/ Fax : 033- 23671988
ई मेल/ Email : kolkata-patent@nic.in
वेबसाइट /Website:<http://ipindia.nic.in>

सं. \ No. 805/KOL/2013

दिनांक \ Dated the 15/10/2020

सेवा मे, \ To :

Address of Service:- ANJAN SEN C/O ANJAN SEN & ASSOCIATES, 17, CHAKRABERIA ROAD SOUTH, KOLKATA - 700 025, WEST BENGAL, INDIA.

Email Id:- info@ipindiaasa.com

विषय :- पेटेंट आवेदन संख्या 805/KOL/2013 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. 805/KOL/2013

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 [व ----- को हुई सुनवाई] के उपरांत एतद्वारा पेटेंट अनुदान किया जाता है। तथा पेटेंट अनुदान की प्रविष्टि 15/10/2020 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 -----] a patent is hereby granted and recorded in the Register of Patents on the 15/10/2020. The Patent Certificate is enclosed herewith.

पेटेंट संख्या \ Patent No	: 349375
आवेदक का नाम \ Name Of Applicant	: INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
पेटेंट दिनांक \ Date of Patent	: 05/07/2013
पूर्विका तिथि \ Priority Date	: 05/07/2013
परीक्षण हेतु अनुरोध दाखिल करने की तिथि \ Filing date of Request for examination	: 01/07/2017
शीर्षक \ Title	: EARTHEN MATERIAL BASED CATHODE SEPARATOR ASSEMBLY FOR BIOELECTROCHEMICAL SYSTEM
दावों की संख्या \ Number of claims	: 1-19, original claims

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 यथा संशोधित पेटेंट (संशोधन) नियम, 2005/ पेटेंट नियम, 2003 यथा संशोधित पेटेंट (संशोधन) नियम, 2016 की धारा 142 की उप-धारा (4) के 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 the proviso in sub-section(4) of Section 142 of The Patents Act,1970, as amended by The Patents (Amendment) Act, 2005 / The Patents Rules, 2003 as amended by The Patents (Amendment) Rules, 2016.

Soumen Ghosh

(नियंत्रक पेटेंट)

Controller of Patents

टिप्पणी / Note :

1. संशोधित नवीकरण शुल्क हेतु कृपया महानियंत्रक पेटेंट, अभिकल्प एवं व्यापार चिह्न की आधिकारिक वेबसाइट www.ipindia.gov.in पर उपलब्ध पेटेंट (संशोधन) नियम 2016 की प्रथम अनुसूची (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

2. कार्यालय द्वारा पेटेंट प्रमाणपत्र की कोई भी कागजी प्रति अलग से जारी नहीं की जाएगी।

No hard copy of Patent Certificate shall be issued separately by the office.

FORM 5
THE PATENTS ACT, 1970
(39 of 1970)
&
THE PATENTS RULES, 2003
DECLARATION AS TO INVENTORSHIP
[See Section 10(6) and rule 13(6)]

1. We ; INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, An Indian Statutory Body, Sponsored Research & Industrial consultancy, Indian Institute of Technology, Kharagpur-721302, West Bengal, India hereby declare that the true and first inventor of the invention disclosed in the complete specification filed in pursuance of our application numbered 805/KOL/2013 dated 05.07.2013 are

2. INVENTOR(S)

1. (a) Name : CHATTERJEE, Pritha;
(b) Nationality : An Indian National;
(c) Address : M.Tech 2nd year, Department of Civil Engineering, Indian Institute of Technology, Kharagpur-721302, West Bengal, India.
2. (a) Name : GHADGE, Anil;
(b) Nationality : An Indian National;
(c) Address : Research Scholar, Department of Civil Engineering, Indian Institute of Technology, Kharagpur-721302, West Bengal, India.
3. (a) Name : GHANGREKAR, Makarand M.;
(b) Nationality : An Indian National;
(c) Address : Professor, Department of Civil Engineering, Indian Institute of Technology, Kharagpur-721302, West Bengal, India.
4. (a) Name : PRADHAN, Debabrata;
(b) Nationality : An Indian National;
(c) Address : Assistant Professor, Department of Material Science, Indian Institute of Technology, Kharagpur-721302, West Bengal, India.
5. (a) Name : PANDIT, Soumya;
(b) Nationality : An Indian National;
(c) Address : Senior Research fellow, Department of Biotechnology, Indian Institute of Technology, Kharagpur-721302, West Bengal, India.
6. (a) Name : KHILARI, Santimoy;
(b) Nationality : An Indian National;
(c) Address : Junior Research fellow, Department of Material Science, Indian Institute of Technology, Kharagpur-721302, West Bengal, India.
7. (a) Name : DAS, Debabrata;
(b) Nationality : An Indian National;
(c) Address : Professor, Department of Biotechnology, Indian Institute of Technology, Kharagpur-721302, West Bengal, India.

Dated this the 3rd day of July, 2014

Signature

Name of the signatory: _____



Anjan Sen
Of Anjan Sen and Associates
(Applicants Agent)

IN/PA-199

3. DECLARATION TO BE GIVEN WHEN THE APPLICATION IN INDIA IS FILED BY THE APPLICANT(S) IN THE CONVENTION COUNTRY: -

We the applicant(s) in the convention country hereby declare that our right to apply for a patent in India is by way or assignment from the true and first inventor(s).

Dated this the 3rd day of July, 2014

Signature

Name of the signatory



Anjan Sen
Of Anjan Sen and Associates
(Applicants Agent)
IN/PA-199

~~4. STATEMENT (to be signed by the additional inventor(s) not mentioned in the application form)
I/ We assent to the invention referred to in the above declaration, being included in the complete specification filed in pursuance of the stated application.~~

~~Dated this _____ day of _____, 20~~

To,
The Controller of Patents
The Patent Office
Kolkata.

FORM 3

THE PATENT ACT, 1970
(39 of 1970)
&
THE PATENTS RULES, 2003
Statement and undertaking under section 8
(See Section 8, Rule 12)

We, INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR; Sponsored Research and Industrial consultancy, Kharagpur-721302, West Bengal, India; An Indian Statutory Body; Application No- 805/KOL/2013 Dated 05-07-2019

hereby declare:

that we have not made any application for the same/substantially the same invention outside India.

or

~~that we who have made this application No. Dated,
alone/jointly with, made for the same/substantially same invention,
application (s) for patent in the other countries, the particulars of which are given below:-~~

Name of Country	Date of Application	Application No.	Status of the Application	Date of Publication	Date of Grant
NONE					

That the rights of the application have been assigned to

None

that we undertake that up to the date of grant of the patent, by the controller, we would keep him informed in writing the details regarding corresponding applications for patents filed outside India within six months from the date of filing of such patent application.

Dated this the 05th day of July, 2013.



Anjan Sen
Anjan Sen & Associates
(Applicants Agent)
IN/PA-199

To
The Controller of Patents,
The Patent Office,
Kolkata.