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Application Details

APPLICATION NUMBER	211/KOL/2014
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/02/2014
APPLICANT NAME	TEZPUR UNIVERSITY
TITLE OF INVENTION	A SYNTHETIC HYPERBRANCHED EPOXY SURGICAL SEALANT AND A PROCESS FOR PREPARATION THEREOF
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	davar@cal2.vsnl.net.in
E-MAIL (UPDATED Online)	kolkatapatent@Lsdavar.in
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	11/12/2017
PUBLICATION DATE (U/S 11A)	21/08/2015
FIRST EXAMINATION REPORT DATE	25/03/2019
Date Of Certificate Issue	27/08/2020
POST GRANT JOURNAL DATE	04/09/2020
REPLY TO FER DATE	23/07/2019

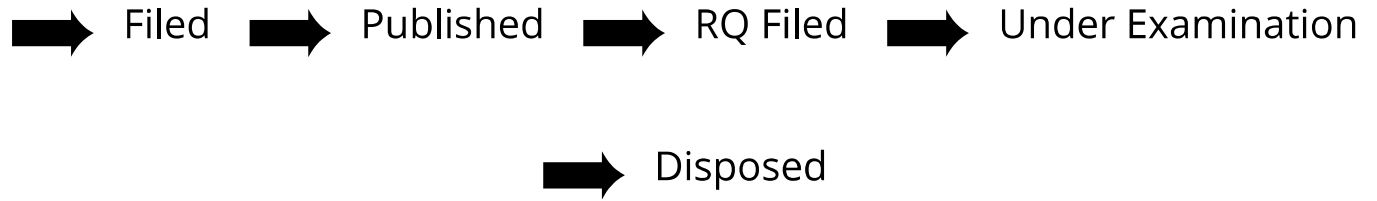
Application Status

APPLICATION STATUS

**Granted Application, Patent Number
:345356**

[E-Register](#)

[View Documents](#)



FORM 1

THE PATENTS ACT, 1970
(39 of 1970)
&
The Patents Rules, 2003
APPLICATION FOR GRANT OF PATENT
[See section 7, 54 & 135 and Rule 20(1)]

(FOR OFFICE USE ONLY)

Appln.No: 211/Kol/14

Filing Date:

Amount of Fee Paid: 76400

CBR No: 1640

Signature:

4
19/12/14

1. Applicant
Name, Nationality
Address

TEZPUR UNIVERSITY
Tezpur-784028, an Indian Institution
Assam

2. Inventor (s)

Name, Nationality
address :

1) NIRANJAN KARAK
Department of Chemical Sciences
Tezpur University, Tezpur, Assam

2) SHASWAT BARUA, Ph.D. Scholar
Department of Chemical Sciences
Tezpur University, Tezpur, Assam

3) PRONOBESH CHATTOPADHYAY (Collaborator)
Defence Research Laboratory, Tezpur, Assam

All are Indian Citizens

3. Title of the
Invention :

A synthetic hyperbranched epoxy surgical sealant
and a process for preparation thereof.

4. Address for
correspondence
of applicant/
authorized Patent
Agent in India :

L.S.DAVAR & CO.
32, Radha Madhab Dutta Garden Lane, Kolkata-700 010
Phones: 91-33-2363-3251, 2363-3252, 2363-3253 (New)
91-33-2287-3996, 2247-5918, 2280-5536 (Old)
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91-33-2287-5886, 2240-6292, 2281-7165
91-11-5143-1140 (Old)

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(2)

5. Priority particulars of the
Application(s) filed in
Convention country :

COUNTRY: NIL

APPLICATION NO.:

FILING DATE:

NAME OF THE APPLICANT/(S) :

TITLE OF THE INVENTION :

6. Particulars for filing Patent co-operation Treaty (PCT) National Phase appln. Int. Appln. No. NA
Int.Filing date as allotted by the receiving office: NA
7. Particulars for filing Divisional appln. Original (first) application No.: NA
Date of filing of Original (first) application : NA
8. Particulars for filing Patent of Addition. Main application / Patent No. : N.A.
Date of filing of Main appln. : N.A.
9. Declarations :
i) Declaration by the inventor(s) I/We, the above named inventor(s) is / are the inventor(s) for this invention and declare that the applicant herein is / are my / our assignee or legal representative.

Date :

Signature(s) NIRANJAN KARAK

SHASWAT BARUA

Name(s) PRNOBESH CHATTOPADHYAY

(3)

ii) Declaration by the applicant(s) in the convention Country.

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

Date :

Signature(s)

Name(s) of the Signatory.

iii) Declaration by applicant(s)

I/We, the applicant(s) hereby declare(s) that :

- We are in possession of the above-mentioned invention.
- The complete specification relating to The invention is filed with this application.
- The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by me/us before the grant of patent to me/us.
- There is no lawful ground of objection to the grant of the Patent to me/us.
- I am/We are the assignee or legal representative of true and first inventors.
- The application or each of the applications, particulars of which are given in Para 5 was the first application in convention country/countries in respect my/our invention.

(4)

- I/We claim the priority from the above mentioned application (s) filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me/us or by any person from which I/We derive the title.
- My / our application in India is based on international application under Patent Co-operation Treaty (PCT) as mentioned in Para-6.
- The application is divided out of my/our application particulars of which are given in Para-/ and pray that this application may be treated as deemed to have been filed on under Sec.16 of the act.
- The said invention as an improvement in or modification of the invention particulars of which are given in Para 8.

10. Following are the attachments with the application :

- a) Complete specification.
- b) Complete specification (in confirmation with the international application)/as amended before the international Preliminary Examination Authority (IPEA), as applicable (2 copies), No. of pages - 22
No. of claims - 10
- c) Drawings (in confirmation with the international application) / as Amended before the International Preliminary Examination Authority (IPEA) as applicable (2 copies), No. of sheets 14
- d) Priority documents
- e) Translation of priority document/Specification/International Search Report.
- f) Statement and undertaking on Form 3
- g) Power of Authority / General Power of Attorney
- h) Declaration of inventorship on Form 5
- i) Sequence listing in electronic form
- j)

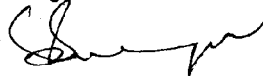
Fee Rs. ~~6400~~ in Cash/Cheque/Bank Draft bearing no.....

Dateon.....Bank.

I/We hereby declare that to the best of my / our knowledge,
Information and belief the fact matters stated herein are correct
And I/We request that a patent may be granted to me/us for the
Said invention.

Dated this 14th day of February 2014

Signature



Name

To
The Controller of Patents
The Patent Office
At KOLKATA

OF L.S.DAVAR & CO.
APPLICANTS' AGENT



**INTELLECTUAL
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PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

क्रमांक : 033112451
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. : 345356
आवेदन सं. / Application No. : 211/KOL/2014
फाइल करने की तारीख / Date of Filing : 19/02/2014
पेटेंटी / Patentee : TEZPUR UNIVERSITY

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित A SYNTHETIC HYPERBRANCHED EPOXY SURGICAL SEALANT AND A PROCESS FOR PREPARATION THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 19th day of February 2014 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 SYNTHETIC HYPERBRANCHED EPOXY SURGICAL SEALANT AND A PROCESS FOR PREPARATION THEREOF as disclosed in the above mentioned application for the term of 20 years from the 19th day of February 2014 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 27/08/2020
Date of Grant :

OKSupta
पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 19th day of February 2016 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 19th day of February 2016 and on the same day in every year thereafter.