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PROPERTY INDIA**

PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

पेटेंट कार्यालय
THE PATENT OFFICE

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

क्रमांक : 044126342
SL No :



पेटेंट सं. / Patent No. : 356735
आवेदन सं. / Application No. : 2438/CHE/2013
फाइल करने की तारीख / Date of Filing : 04/06/2013
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित DETERMINATION OF BONE MINERAL DENSITY OF HIP REGION FROM ANTHROPOMETRIC AND UPPER FEMORAL GEOMETRY USING ACCESSORY ATTACHED TO DIGITAL X-RAY IN POST MENOPAUSAL WOMOEN नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 4th day of June 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 DETERMINATION OF BONE MINERAL DENSITY OF HIP REGION FROM ANTHROPOMETRIC AND UPPER FEMORAL GEOMETRY USING ACCESSORY ATTACHED TO DIGITAL X-RAY IN POST MENOPAUSAL WOMOEN as disclosed in the above mentioned application for the term of 20 years from the 4th day of June 2013 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 27/01/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 4th day of June 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 4th day of June 2015 and on the same day in every year thereafter.



ORIGINAL

मूल/No : 136413



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THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 342909-001
तारीख / Date : 30/04/2021
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **MOSQUITO BAT** से संबंधित है, का पंजीकरण, श्रेणी **22-06** में 1.Dr.V. Mohanavel 2. Mr.M.S. Sujith Raja 3.Dr.T.Sathish 4.Mr.S. Suresh Kumar 5.Mr.J.Vairamuthu 6.Mr.S. Nandakumar 7.Mr.A. Sivakumar 8.Mr.L. Pugazhendhi 9.Dr.P. Ganeshan के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

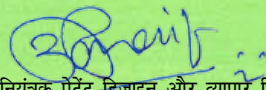
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **22-06** in respect of the application of such design to **MOSQUITO BAT** in the name of 1.Dr.V. Mohanavel 2. Mr.M.S. Sujith Raja 3.Dr.T.Sathish 4.Mr.S. Suresh Kumar 5.Mr.J.Vairamuthu 6.Mr.S. Nandakumar 7.Mr.A. Sivakumar 8.Mr.L. Pugazhendhi 9.Dr.P. Ganeshan.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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निर्गमन की तारीख/Date of Issue : 18/05/2023


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

मूल/No : 125413



भारत सरकार
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THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 370037-001
तारीख / Date : 29/08/2022
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **WATER FILTER** से संबंधित है, का पंजीकरण, श्रेणी **23-01** में 1.Dr B Prabhu Dass Batvari 2. M.K Vijayalakshmi के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

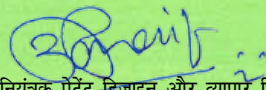
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **23-01** in respect of the application of such design to **WATER FILTER** in the name of 1.Dr B Prabhu Dass Batvari 2. M.K Vijayalakshmi.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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निर्गमन की तारीख/Date of Issue : 13/01/2023


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

मूल/No : 122197



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 370038-001
तारीख / Date : 29/08/2022
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **PORTABLE WATER FILTER WITH DUAL STORAGE TANK** से संबंधित है, का पंजीकरण, श्रेणी **23-01** में 1.M.K Vijayalakshmi 2. Dr. B Prabhu Dass Batvari, के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **23-01** in respect of the application of such design to **PORTABLE WATER FILTER WITH DUAL STORAGE TANK** in the name of 1.M.K Vijayalakshmi 2. Dr. B Prabhu Dass Batvari,.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

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निर्गमन की तारीख/Date of Issue : 29/12/2022


महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103234

The Commissioner of Patents has granted the above patent on 23 December 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Balambica V. of Department of, Mechatronics, Bharath Institute of Higher Education Research, Chennai-600073
Tamilnadu India

C. Meenakshi. of Department of Mechanical Engineering, Bharath Institute of Higher Education and Research
Chennai-600073 ,Tamilnadu India

M. Sundararajan. of Department of Electronics and, Communication Engineering Bharath Institute of Higher
Education and Research, Chennai-600073 Tamilnadu India

P. Naveenchandran. of Department of Automobile Engineering, Bharath Institute of Higher Education and
Research, Chennai-600073 ,Tamilnadu India

M. Sangeetha. of Department of Electronics and, Communication Engineering Bharath Institute of Higher
Education and Research, Chennai-600073 Tamilnadu India

M. Sundararaj. of Department of Aeronautical Engineering, Bharath Institute of Higher Education and Research,
Chennai-600073 Tamilnadu India

Title of invention:

DEVELOPMENT AND ENHANCEMENT OF A SMART AND ACTIVE FOUR-WHEEL SUSPENSION SYSTEM

Name of inventor(s):

V., Balambica; C., Meenakshi.; M., Sundararajan.; P., Naveenchandran.; M., Sangeetha. and M., Sundararaj.

Term of Patent:

Eight years from 4 November 2020

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 23rd day of December 2020

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

Extracts from the Patents Act, 1990

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128 **Application for relief from unjustified threats**

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
- (a) a declaration that the threats are unjustifiable; and
 - (b) an injunction against the continuance of the threats; and
 - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

Certain threats of infringement proceedings are always unjustifiable.

- (1) If:
- (a) a person:
 - (i) has applied for an innovation patent, but the application has not been determined; or
 - (ii) has an innovation patent that has not been certified; and
 - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

- (2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

- (3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1 **Dictionary**

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020103235

The Commissioner of Patents has granted the above patent on 23 December 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Ilampoornan M. K. of Department of Electrical and Electronics, Engineering Bharath Institute of Higher Education and Research, Chennai-600073 Tamilnadu India

M. Sundararajan. of Department of Electronics and, Communication Engineering Bharath Institute of Higher Education and Research, Chennai-600073 Tamilnadu India

Arulselvi S. of Department of Electronics and, Communication Engineering Bharath Institute of Higher Education and Research, Chennai-600073 Tamilnadu India

Vijayaragavan S. P. of Department of Electrical and Electronics, Engineering Bharath Institute of Higher Education and Research, Chennai-600073 Tamilnadu India

S. Prakash. of Department of Electrical and Electronics, Engineering Bharath Institute of Higher Education and Research, Chennai-600073 Tamil Nadu India

B. Karthik. of Department of Electronics and, Communication Engineering Bharath Institute of Higher Education and Research, Chennai-600073 Tamilnadu India

Title of invention:

PENDULUM POWER GENERATION BASED ON AUTOMATIC PNEUMATIC DRIVE

Name of inventor(s):

M. K., Ilampoornan; Sundararajan., M.; S., Arulselvi; P., Vijayaragavan S.; Prakash., S. and Karthik., B.

Term of Patent:

Eight years from 4 November 2020

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 23rd day of December 2020

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

Extracts from the Patents Act, 1990

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128 **Application for relief from unjustified threats**

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
- (a) a declaration that the threats are unjustifiable; and
 - (b) an injunction against the continuance of the threats; and
 - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

Certain threats of infringement proceedings are always unjustifiable.

- (1) If:
- (a) a person:
 - (i) has applied for an innovation patent, but the application has not been determined; or
 - (ii) has an innovation patent that has not been certified; and
 - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

- (2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the applicant the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

- (3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1 **Dictionary**

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020104247

The Commissioner of Patents has granted the above patent on 24 February 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

RAJA K of PROF, DEPT OF MECH ENGG, UNIVERSITY COLLEGE OF ENGG DINDIGUL TAMIL NADU 624622 India

GANESHAN P of ASSOC PROF, DEPT OF MECH ENGG, SETHU INSTITUTE OF TECH, KARAIPATTI VIRUDHUNAGAR TAMIL NADU 626115 India

GANESH KUMAR J of HOD, DEPT OF MECH ENGG, MOHAMED SATHAK POLYTECHNIC COLLEGE, KILAKARAI RAMANATHAPURAM TAMIL NADU 623806 India

SENTHILRAJAN A of LECTURER, DEPT OF MECH ENGG, MOHAMED SATHAK POLYTECHNIC COLLEGE, KILAKARAI RAMANATHAPURAM TAMIL NADU 623806 India

PRABU B of ASST PROF, DEPT OF MECH ENGG, CHRISTIAN COLLEGE OF ENGG & TECH ODDANCHATRAM TAMIL NADU 624619 India

VAIRAMUTHU J of ASST PROF, DEPT OF MECH ENGG, SETHU INSTITUTE OF TECH, KARAIPATTI VIRUDHUNAGAR TAMIL NADU 626115 India

RAJESHWARAN M of PROF, DEPT OF MECH ENGG, MOHAMED SATHAK ENGINEERING COLLEGE, KILAKARAI RAMANATHAPURAM TAMIL NADU 623806 India

SARAVANAN N of PROF, DEPT OF MECH ENGG, UNIVERSITY COLLEGE OF ENGG NAGERCOIL TAMIL NADU 629004 India

UDAYAKUMAR T of PROF, DEPT OF MECH ENGG, UNIVERSITY COLLEGE OF ENGG RAMANATHAPURAM TAMIL NADU 623513 India

MOHANAVEL V of ASSOC PROF, DEPT OF MECH ENGG, BHARATH INST OF HR EDU AND RES, SELAIYUR CHENNAI TAMIL NADU 600073 India

Title of invention:

AN AUTOMATED MIXER GRINDER FOR GRINDING A SUBSTANCE TO A REQUIRED FORM

Name of inventor(s):

K., RAJA; P., GANESHAN; J., GANESH KUMAR; A., SENTHILRAJAN; B., PRABU; J., VAIRAMUTHU; M., RAJESHWARAN; N., SARAVANAN; T., UDAYAKUMAR and V., MOHANAVEL

Term of Patent:

Eight years from 22 December 2020



Dated this 24th day of February 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2020104247

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 24th day of February 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

(12) INNOVATION PATENT
(19) AUSTRALIAN PATENT OFFICE

(11) Application No. **AU 2020104247 A4**

(54) Title
AN AUTOMATED MIXER GRINDER FOR GRINDING A SUBSTANCE TO A REQUIRED FORM

(51) International Patent Classification(s)
A47J 43/04 (2006.01) **B02C 11/08** (2006.01)
B02C 9/00 (2006.01)

(21) Application No: **2020104247** (22) Date of Filing: **2020.12.22**

(45) Publication Date: **2021.03.11**

(45) Publication Journal Date: **2021.03.11**

(45) Granted Journal Date: **2021.03.11**

(71) Applicant(s)
RAJA K;GANESHAN P;GANESH KUMAR J;SENTHILRAJAN A;PRABU B;VAIRAMUTHU J;RAJESHWARAN M;SARAVANAN N;UDAYAKUMAR T;MOHANAVEL V

(72) Inventor(s)
K., RAJA;P., GANESHAN;J., GANESH KUMAR;A., SENTHILRAJAN;B., PRABU;J., VAIRAMUTHU;M., RAJESHWARAN;N., SARAVANAN;T., UDAYAKUMAR;V., MOHANAVEL

(74) Agent / Attorney
Patentable, PO Box Q830, Queen Victoria Building, NSW, 1230, AU



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021100570

The Commissioner of Patents has granted the above patent on 31 March 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

MOHANAVEL V of ASSOC PROF, DEPT OF MECH ENGG, BHARATH INSTITUTE OF HR EDU AND RES
CHENNAI TAMILNADU 600073 India

RAVIKUMAR M M of PRINCIPAL, KINGSTON ENGINEERING COLLEGE VELLORE TAMILNADU 632059
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SATHISH T of ASSOC PROF, DEPT OF MECH ENGG, SAVEETHA SCHOOL OF ENGINEERING, SIMATS
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KERALA 679531 India

SURESH KUMAR S of LECTURER, DEPT OF MECH ENGG, PANIMALAR POLYTECHNIC COLLEGE
CHENNAI TAMILNADU 600029 India

Title of invention:

SMART AND EFFICIENT SOLAR CELLS EMBEDDED CCTV CAMERAS

Name of inventor(s):

V., MOHANAVEL; M. M., RAVIKUMAR; T., SATHISH; JAMUNA ANAND, SUJATHA; J., ALLEN JEFFREY; A.,
ANBAZHAGAN; K., BARATHIRAJA; R., SIVAKUMAR; G., MANOJKUMAR; JOHN, CIJIL B. and S., SURESH
KUMAR

Term of Patent:

Eight years from 29 January 2021



Dated this 31st day of March 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021101865

The Commissioner of Patents has granted the above patent on 19 May 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

ANJIAH ADEPU of ASSOC PROF, DEPARTMENT OF CSE, ST.PETERS ENGINEERING COLLEGE (A), MAISAMMAGUDA, KOMPALLY HYDERABAD TELANGANA 500014 India

SHAIK FAIROOZ of ASSOC PROF, DEPARTMENT OF ECE, MALLA REDDY ENGINEERING COLLEGE, CAMPUS 1, DULAPALLY, MAISAMMAGUDA POST KOMPALLY, SECUNDERABAD TELANGANA 500015 India

GEETHA B T of ASSOC PROF, DEPARTMENT OF ECE, SAVEETHA SCHOOL OF ENGINEERING, SIMATS CHENNAI TAMILNADU 602105 India

RAMKUMAR PRABHU M of 55/1, F3, C&D BLOCK, SUBAKEERTHANA APTS, PERUMAL KOVIL 1ST CROSS AT URAPAKAM WEST, CHENNAI TAMILNADU 603211 India

RAJALINGAM A of 105 - H BLOCK, 4/12, MARVEL APOORVA APARTMENTS, KALASATHAMMAN KOIL ST RAMAPURAM, CHENNAI TAMILNADU 600089 India

GUGAPRIYA G of SCHOOL OF ELECTRONICS ENGINEERING, VELLORE INSTITUTE OF TECHNOLOGY, VANDALUR KELAMBAKKAM ROAD CHENNAI TAMILNADU 600127 India

ERIKI ANANDA KUMAR of NO.54, SAINAGAR, SRINIVASAPURAM TIRUPATI ANDHRA PRADESH 517501 India

GONDI KONDA REDDY of ASSOC PROFESSOR, DEPT OF MECH ENGG, SREENIDHI INSTITUTE OF SCI AND TECH, YAMNAMPET, GHATKESAR HYDERABAD TELANGANA 501301 India

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PRASATH ALIAS SURENDHAR S of ASST PROF, BHARATH INST OF HIGHER EDU & RESEARCH CHENNAI TAMILNADU 600073 India

RAMKUMAR G of ASSOC PROF, DEPT OF ECE, SAVEETHA SCHOOL OF ENGINEERING, SAVEETHA NAGAR THANDALAM, CHENNAI TAMILNADU, 602105 India

Title of invention:

SMART RENEWABLE ENERGY BASED SHOES FOR SUPPORTING A HEALTHY LIFESTYLE

Name of inventor(s):

ADEPU, ANJIAH; FAIROOZ, SHAIK; B T, GEETHA; M, RAMKUMAR PRABHU; A, RAJALINGAM; G, GUGAPRIYA; KUMAR, ERIKI ANANDA; REDDY, GONDI KONDA; V, MOHANAVEL; S, PRASATH ALIAS SURENDHAR and G, RAMKUMAR

Term of Patent:



Dated this 19th day of May 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021101865

Eight years from 12 April 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 19th day of May 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

Extracts from the Patents Act, 1990

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128 **Application for relief from unjustified threats**

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
- (a) a declaration that the threats are unjustifiable; and
 - (b) an injunction against the continuance of the threats; and
 - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

Certain threats of infringement proceedings are always unjustifiable.

- (1) If:
- (a) a person:
 - (i) has applied for an innovation patent, but the application has not been determined; or
 - (ii) has an innovation patent that has not been certified; and
 - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

- (2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the applicant the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

- (3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1 **Dictionary**

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021103177

The Commissioner of Patents has granted the above patent on 6 October 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

ANTONY V SAMROT of Senior Lecturer, Faculty of Medicine, Bioscience and Nursing, Mahsa University Jenjarom Selangor 42610 Malaysia

SHOBANA N. of Dept.of Biotechnology, School of Bio and, Chemical Engg, Sathyabama Institute of, Science and Technology, Sholinganallur Chennai TamilNadu- 600119 India

S. ABIRAMI of Department of Microbiology, Kamaraj College Thoothukudi TamilNadu- 628003 India

S. DHIVA of Asst.Professor, Dept.of Microbiology, Sree Narayana College, Alathur Palakkad Kerala TamilNadu- 678682 India

R. R. REMYA of Dept.of Biotechnology, Bharath Institute of Higher Education, and Research, Selaiyur Chennai TamilNadu- 600073 India

DURGASRUTHI PULLY of Master of Science in Biophysics, Biochemistry and Biotechnology, Faculty of Science Ku Leuven 3000 Belgium

LAVANYA AGNES ANGALENE J of VIT-Vellore Campus, Tiruvalam Road, Katpadi Vellore TamilNadu- 632014 India

Title of invention:

A PROCESS FOR ALTERING THE SIZE OF CHITOSAN NANOPARTICLES USING CHITOSANASE ENZYME

Name of inventor(s):

SAMROT, ANTONY V.; SHOBANA N.; S. ABIRAMI; S. DHIVA; REMYA R. R.; DURGASRUTHI PULLY and LAVANYA AGNES ANGALENE J.

Term of Patent:

Eight years from 8 June 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 6th day of October 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021105088

The Commissioner of Patents has granted the above patent on 20 April 2022, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

R. RAJASEKAR of Assistant Professor, Department of Automobile Engineering, Bharath Institute of Higher Education & Research, 173, Agaram Road Chennai Tamil Nadu 600073 India

P. Naveen Chandran of Professor, Department of Automobile Engineering, Bharath Institute of Higher Education & Research, 173, Agaram Road Chennai Tamil Nadu 600073 India

Sabarish Rajagopalan of Assistant Professor, Department of Mechanical Engineering, Bharath Institute of Higher Education & Research, 173, Agaram Road Chennai Tamil Nadu 600073 India

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K. Annamalai of Associate professor, Department of Automobile Engineering, Madras Institute of Technology campus, Anna University, Chrompet Chennai Tamil Nadu 60004 India

S. Ganesan of Associate Professor, Mechanical Engineering, Sathyabama Institute of Science and Technology Chennai Tamil Nadu India

M. Parthasarathy of Associate Professor, School of Mechanical and Construction, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology Chennai Tamil Nadu India

Joshua Stephen Chellakumar Isaac Joshua Ramesh Lalvani of Assistant Professor, Faculty of Mechanical and Production Engineering, Arba Minch Institute of Technology Arba Minch Ethiopia

P. V. Elumalai of Associate Professor, Department of Mechanical Engineering, Aditya Engineering College Surampalem Andhra Pradesh India

D. Mohankumar of Assistant Professor, Department of Automobile Engineering, Bharath Institute of Higher Education & Research, 173, Agaram Road Chennai Tamil Nadu 600073 India

C. Saravanan of Assistant Professor (Sr.Gr), Department of Mechanical Engineering, University College of Engineering-BIT Campus Anna University -Tiruchirappalli Tamil Nadu 620024 India

P. Lakshmi Kanthan of Teaching Fellow, Department of mechanical Engineering, University college of Engineering, Panruti Cuddalore Tamil Nadu 607106 India

Title of invention:

PERFORMANCE AND EMISSION ANALYSIS OF DIRECT INJECTION DIESEL ENGINE FUELLED BY BIODIESEL WITH Al₂O₃ NANO ADDITIVES

Name of inventor(s):

RAJASEKAR, R.; Naveen Chandran, P.; Rajagopalan, Sabarish; Selvan, E.; Annamalai, K.; Ganesan, S.; Parthasarathy, M.; Isaac Joshua Ramesh Lalvani, Joshua Stephen Chellakumar; Elumalai, P. V.; Mohankumar, D.; Saravanan, C. and Lakshmi Kanthan, P.



Dated this 20th day of April 2022

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021105088

Term of Patent:

Eight years from 7 August 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 20th day of April 2022

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

Extracts from the Patents Act, 1990

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128 Application for relief from unjustified threats

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
- (a) a declaration that the threats are unjustifiable; and
 - (b) an injunction against the continuance of the threats; and
 - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A Threats related to an innovation patent application or innovation patent and courts power to grant relief.

Certain threats of infringement proceedings are always unjustifiable.

- (1) If:
- (a) a person:
 - (i) has applied for an innovation patent, but the application has not been determined; or
 - (ii) has an innovation patent that has not been certified; and
 - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

- (2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

- (3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1 Dictionary

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent



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

क्रमांक : 044132502
SL No :



पेटेंट सं. / Patent No. : 373543
आवेदन सं. / Application No. : 201741022700
फाइल करने की तारीख / Date of Filing : 29/06/2017
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL, BIHER-
BHARATH UNIVERSITY

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित BIO- SYNTHESIS OF EGG ALBUMIN DOPED ZINC OXIDE NANOPARTICLES FOR BIOMEDICAL APPLICATIONS नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 29th day of June 2017 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 BIO- SYNTHESIS OF EGG ALBUMIN DOPED ZINC OXIDE NANOPARTICLES FOR BIOMEDICAL APPLICATIONS as disclosed in the above mentioned application for the term of 20 years from the 29th day of June 2017 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 02/08/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 29th day of June 2019 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 29th day of June 2019 and on the same day in every year thereafter.



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PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 044132503
SL No :



पेटेंट सं. / Patent No. : 373547
आवेदन सं. / Application No. : 201741023237
फाइल करने की तारीख / Date of Filing : 01/07/2017
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL, BIHER-
BHARATH UNIVERSITY

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित A PHARMACEUTICAL FORMULATION EXHIBITING ANTIMICROBIAL ACTIVITY AGAINST MULTIDRUG RESISTANCE BACTERIA नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 1st day of July 2017 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 PHARMACEUTICAL FORMULATION EXHIBITING ANTIMICROBIAL ACTIVITY AGAINST MULTIDRUG RESISTANCE BACTERIA as disclosed in the above mentioned application for the term of 20 years from the 1st day of July 2017 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 02/08/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 1st day of July 2019 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 1st day of July 2019 and on the same day in every year thereafter.



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PATENT CERTIFICATE
(Rule 74 of The Patents Rules)

क्रमांक : 044145329
SL No :



पेटेंट सं. / Patent No. : 408360
आवेदन सं. / Application No. : 201741023238
फाइल करने की तारीख / Date of Filing : 01/07/2017
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL, BIHER-
BHARATH UNIVERSITY

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित A PROCESS OF EXTRACTION OF ANTIMICROBIAL ACTIVITY EXHIBITING NOVEL PEPTIDE FROM CLARIAS BATRACHUS नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख जुलाई 2017 के पहले 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 PROCESS OF EXTRACTION OF ANTIMICROBIAL ACTIVITY EXHIBITING NOVEL PEPTIDE FROM CLARIAS BATRACHUS as disclosed in the above mentioned application for the term of 20 years from the 1st day of July 2017 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 30/09/2022
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, जुलाई 2019 के पहले दिन 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 1st day of July 2019 and on the same day in every year thereafter.



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PATENT CERTIFICATE
(Rule 74 of The Patents Rules)

क्रमांक : 044153189
SL No :



पेटेंट सं. / Patent No. : 430839
आवेदन सं. / Application No. : 201741023245
फाइल करने की तारीख / Date of Filing : 02/07/2017
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL, BIHER-
BHARATH UNIVERSITY

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित A TOPICAL WOUND HEALING FORMULATION FOR FASTER AND BENEFICIAL ANTIMICROBIAL AND WOUND HEALING EFFECT नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख जुलाई 2017 के दूसरे 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 TOPICAL WOUND HEALING FORMULATION FOR FASTER AND BENEFICIAL ANTIMICROBIAL AND WOUND HEALING EFFECT as disclosed in the above mentioned application for the term of 20 years from the 2nd day of July 2017 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 01/05/2023
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, जुलाई 2019 के दूसरे दिन 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 2nd day of July 2019 and on the same day in every year thereafter.



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PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 044137157
SL No :



पेटेंट सं. / Patent No. : 385762
आवेदन सं. / Application No. : 201741024489
फाइल करने की तारीख / Date of Filing : 11/07/2017
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL, BIHER-
BHARATH UNIVERSITY

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित A PROCESS OF PREPARING PROCESSED HUMAN AMNIOTIC COLLAGEN MEMBRANE FREE FROM CHORION FOR USE AS WOUND DRESS नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 11th day of July 2017 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 PROCESS OF PREPARING PROCESSED HUMAN AMNIOTIC COLLAGEN MEMBRANE FREE FROM CHORION FOR USE AS WOUND DRESS as disclosed in the above mentioned application for the term of 20 years from the 11th day of July 2017 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 31/12/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 11th day of July 2019 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 11th day of July 2019 and on the same day in every year thereafter.



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PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 044132599
SL No :



पेटेंट सं. / Patent No. : 373794
आवेदन सं. / Application No. : 201741026003
फाइल करने की तारीख / Date of Filing : 21/07/2017
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL, BIHER-
BHARATH UNIVERSITY

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित A DEVICE FOR NON-INVASIVE MEASURING AND RECORDING OF MAXIMUM INSPIRATORY AND EXPIRATORY PRESSURES नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 21st day of July 2017 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 DEVICE FOR NON-INVASIVE MEASURING AND RECORDING OF MAXIMUM INSPIRATORY AND EXPIRATORY PRESSURES as disclosed in the above mentioned application for the term of 20 years from the 21st day of July 2017 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 04/08/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 21st day of July 2019 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 21st day of July 2019 and on the same day in every year thereafter.



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क्रमांक : 044137066
SL No :



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PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

पेटेंट सं. / Patent No. : 385544
आवेदन सं. / Application No. : 201741026297
फाइल करने की तारीख / Date of Filing : 24/07/2017
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL, BIHER-
BHARATH UNIVERSITY

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित PHARMACEUTICAL FORMULATION TO INCREASE CANCER IMMUNITY नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 24th day of July 2017 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 PHARMACEUTICAL FORMULATION TO INCREASE CANCER IMMUNITY as disclosed in the above mentioned application for the term of 20 years from the 24th day of July 2017 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 30/12/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 24th day of July 2019 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 24th day of July 2019 and on the same day in every year thereafter.



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(Rule 74 of The Patents Rules)

क्रमांक : 044147012
SL No :



पेटेंट सं. / Patent No. : 412979
आवेदन सं. / Application No. : 201741028229
फाइल करने की तारीख / Date of Filing : 08/08/2017
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL, BIHER-
BHARATH UNIVERSITY

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित A SYNERGISTIC FORMULATION FOR PEPTIC ULCER नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अगस्त 2017 के आठवें 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 SYNERGISTIC FORMULATION FOR PEPTIC ULCER as disclosed in the above mentioned application for the term of 20 years from the 8th day of August 2017 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 30/11/2022
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, अगस्त 2019 के आठवें दिन 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 8th day of August 2019 and on the same day in every year thereafter.



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क्रमांक : 044127626
SL No :



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PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

पेटेंट सं. / Patent No. : 360299
आवेदन सं. / Application No. : 201741031571
फाइल करने की तारीख / Date of Filing : 06/09/2017
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL, BIHER-
BHARATH UNIVERSITY

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित A PHARMACEUTICAL COMPOSITION EXHIBITING ANTIVIRAL ACTIVITY AGAINST HUMAN PARAINFLUENZA VIRUS नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 6th day of September 2017 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 PHARMACEUTICAL COMPOSITION EXHIBITING ANTIVIRAL ACTIVITY AGAINST HUMAN PARAINFLUENZA VIRUS as disclosed in the above mentioned application for the term of 20 years from the 6th day of September 2017 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 04/03/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 6th day of September 2019 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 6th day of September 2019 and on the same day in every year thereafter.



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क्रमांक : 044145974
SL No :



पेटेंट सं. / Patent No. : 410089
आवेदन सं. / Application No. : 201741038341
फाइल करने की तारीख / Date of Filing : 28/10/2017
पेटेंटी / Patentee : SREE BALAJI DENTAL COLLEGE & HOSPITALS

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित A MODIFIED INFERIOR ALVEOLAR NERVE BLOCK INJECTION DEVICE नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अक्टूबर 2017 के अट्टाईसवें 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 MODIFIED INFERIOR ALVEOLAR NERVE BLOCK INJECTION DEVICE as disclosed in the above mentioned application for the term of 20 years from the 28th day of October 2017 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 27/10/2022
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, अक्टूबर 2019 के अट्टाईसवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगा।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 28th day of October 2019 and on the same day in every year thereafter.



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क्रमांक : 044146930
SL No :



पेटेंट सं. / Patent No. : 412756
आवेदन सं. / Application No. : 201841008768
फाइल करने की तारीख / Date of Filing : 09/03/2018
पेटेंटी / Patentee : SREE BALAJI DENTAL COLLEGE & HOSPITALS

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित SPUTUM SMEAR APPLICATOR STICKS नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख मार्च 2018 के नौवें 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 SPUTUM SMEAR APPLICATOR STICKS as disclosed in the above mentioned application for the term of 20 years from the 9th day of March 2018 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 28/11/2022
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, मार्च 2020 के नौवें दिन 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 9th day of March 2020 and on the same day in every year thereafter.



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PATENT CERTIFICATE
(Rule 74 of The Patents Rules)

क्रमांक : 044147687
SL No :



पेटेंट सं. / Patent No. : 414963
आवेदन सं. / Application No. : 201841029502
फाइल करने की तारीख / Date of Filing : 06/08/2018
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL
BHARATH INSTITUTE OF HIGHER EDUCATION &
RESEARCH

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित BATTERY OPERATED STAIR CASE CLIMBING TROLLEY नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अगस्त 2018 के छठे 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 BATTERY OPERATED STAIR CASE CLIMBING TROLLEY as disclosed in the above mentioned application for the term of 20 years from the 6th day of August 2018 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 20/12/2022
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, अगस्त 2020 के छठे दिन 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 6th day of August 2020 and on the same day in every year thereafter.



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क्रमांक : 044137149
SL No :



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PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

पेटेंट सं. / Patent No. : 385749
आवेदन सं. / Application No. : 201941013000
फाइल करने की तारीख / Date of Filing : 01/04/2019
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL, BIHER-
BHARATH UNIVERSITY

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित MOTORIZED CADAVER STORAGE TANK नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 1st day of April 2019 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 MOTORIZED CADAVER STORAGE TANK as disclosed in the above mentioned application for the term of 20 years from the 1st day of April 2019 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 31/12/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 1st day of April 2021 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 1st day of April 2021 and on the same day in every year thereafter.



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क्रमांक : 044129226
SL No :



पेटेंट सं. / Patent No. : 364781
आवेदन सं. / Application No. : 201941013969
फाइल करने की तारीख / Date of Filing : 06/04/2019
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL
BHARATH INSTITUTE OF HIGHER EDUCATION &
RESEARCH

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित FIXATIVE CHANGING PUMP नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 6th day of April 2019 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 FIXATIVE CHANGING PUMP as disclosed in the above mentioned application for the term of 20 years from the 6th day of April 2019 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 16/04/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 6th day of April 2021 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 6th day of April 2021 and on the same day in every year thereafter.



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(Rule 74 Of The Patents Rules)

क्रमांक : 044128940
SL No :



पेटेंट सं. / Patent No. : 363985
आवेदन सं. / Application No. : 201941016233
फाइल करने की तारीख / Date of Filing : 24/04/2019
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL
BHARATH INSTITUTE OF HIGHER EDUCATION &
RESEARCH

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित ECO – EMBALMING नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 24th day of April 2019 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 ECO – EMBALMING as disclosed in the above mentioned application for the term of 20 years from the 24th day of April 2019 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 01/04/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 24th day of April 2021 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 24th day of April 2021 and on the same day in every year thereafter.



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सत्यमेव जयते

क्रमांक : 044138745
SL No :



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

पेटेंट सं. / Patent No. : 389933
आवेदन सं. / Application No. : 202041003926
फाइल करने की तारीख / Date of Filing : 29/01/2020
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL ,
BHARATH INSTITUTE OF HIGHER EDUCATION &
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प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित ANTROSTOMY KNIFE नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 29th day of January 2020 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 ANTROSTOMY KNIFE as disclosed in the above mentioned application for the term of 20 years from the 29th day of January 2020 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 22/02/2022
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 29th day of January 2022 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 29th day of January 2022 and on the same day in every year thereafter.



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PATENT CERTIFICATE
(Rule 74 of The Patents Rules)

क्रमांक : 044153711
SL No :



पेटेंट सं. / Patent No. : 432263
आवेदन सं. / Application No. : 202041003928
फाइल करने की तारीख / Date of Filing : 29/01/2020
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL
BHARATH INSTITUTE OF HIGHER EDUCATION &
RESEARCH

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित CURVED BIFID TIP CORTICOTOME WITH SHARP CUTTING EDGES (CBTC) नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख जनवरी 2020 के उन्नतीसवें 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 CURVED BIFID TIP CORTICOTOME WITH SHARP CUTTING EDGES (CBTC) as disclosed in the above mentioned application for the term of 20 years from the 29th day of January 2020 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 19/05/2023
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, जनवरी 2022 के उन्नतीसवें दिन 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 29th day of January 2022 and on the same day in every year thereafter.



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सत्यमेव जयते

क्रमांक : 044132893
SL No :



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पेटेंट कार्यालय
THE PATENT OFFICE

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

पेटेंट सं. / Patent No. : 374459
आवेदन सं. / Application No. : 202041005897
फाइल करने की तारीख / Date of Filing : 11/02/2020
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL
BHARATH INSTITUTE OF HIGHER EDUCATION &
RESEARCH

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित AUTOMATED FLUID FILLING SYSTEM FOR CADAVER STORAGE TANK नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 11th day of February 2020 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 AUTOMATED FLUID FILLING SYSTEM FOR CADAVER STORAGE TANK as disclosed in the above mentioned application for the term of 20 years from the 11th day of February 2020 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 13/08/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 11th day of February 2022 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 11th day of February 2022 and on the same day in every year thereafter.



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PATENT CERTIFICATE
(Rule 74 of The Patents Rules)

क्रमांक : 044146649
SL No :



पेटेंट सं. / Patent No. : 411977
आवेदन सं. / Application No. : 202141048022
फाइल करने की तारीख / Date of Filing : 21/10/2021
पेटेंटी / Patentee : SREE BALAJI MEDICAL COLLEGE & HOSPITAL

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित PROCESS OF EXTRACTION OF NEURO-PROTECTIVE FUNCTION EXHIBITING ACTIVE BIOMOLECULE EUGENOL FROM SARASWATHARISHTAM AND PRODUCT THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अक्टूबर 2021 के इक्कीसवें 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 PROCESS OF EXTRACTION OF NEURO-PROTECTIVE FUNCTION EXHIBITING ACTIVE BIOMOLECULE EUGENOL FROM SARASWATHARISHTAM AND PRODUCT THEREOF as disclosed in the above mentioned application for the term of 20 years from the 21st day of October 2021 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 21/11/2022
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, अक्टूबर 2023 के इक्कीसवें दिन 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 21st day of October 2023 and on the same day in every year thereafter.