

APPLICANT NAME : **Dr.A. IDHAYADHLLA & Dr.R.SURENDRAKUMAR**
TITLE : **LARVICIDAL COMPOUNDS AND A PROCESS THEREOF**
PATENT NO : **359404**
DATE : **14/06/2019**
APPLICATION NO : **201941022600 A**
DATE : **07/06/2019**



**INTELLECTUAL
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 : 044127321
SL No :



पेटेंट सं. / Patent No.	:	359404
आवेदन सं. / Application No.	:	201941022600
फाइल करने की तारीख / Date of Filing	:	07/06/2019
पेटेंटी / Patentee	:	1.Akbar Idhayadhulla 2.Radhakrishnan SurendraKumar

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में बयां प्रकटित LARVICIDAL COMPOUNDS AND A PROCESS THEREOF नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 7th day of June 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 LARVICIDAL COMPOUNDS AND A PROCESS THEREOF as disclosed in the above mentioned application for the term of 20 years from the 7th day of June 2019 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 24/02/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 7th day of June 2021 को और उसके पश्चात् 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 7th day of June 2021 and on the same day in every year thereafter.

पेटेंट कार्यालय
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(12) PATENT APPLICATION PUBLICATION

(21) Application No.201941022600 A

(19) INDIA

(22) Date of filing of Application :07/06/2019

(43) Publication Date : 14/06/2019

(54) Title of the invention : LARVICIDAL COMPOUNDS AND A PROCESS THEREOF

(51) International classification	:A01N25/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Akbar Idhayadhulla
(32) Priority Date	:NA	Address of Applicant :Working at Research Department of
(33) Name of priority country	:NA	Chemistry, Nehru Memorial College, Puthanampatti ,
(86) International Application No	:NA	Tiruchirappalli District Tamil Nadu India
Filing Date	:NA	2)Radhakrishnan SurendraKumar
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Akbar Idhayadhulla
Filing Date	:NA	2)Radhakrishnan SurendraKumar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Title: Larvicidal compounds and a process thereof The present disclosure is in relation to the synthesis of 2-pyrimidinamine core derivatives via green chemistry approach. The compounds of formula I of the disclosure have excellent larvicidal activity. In addition, the compounds of the invention can be formulated into a suitable formulation to kill the larvae.

No. of Pages : 29 No. of Claims : 10

APPLICANT NAME : **Mr.B.RAMESH**

TITLE : **BLOCKCHAIN DATA COMMUNICATION CHANNEL OF E- HEALTHCARE SYSTEM**

DATE : **11/04/2022**

APPLICATION NO : **202241021436 A**

DATE : **29/04/2022**

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202241021436 A
(19) INDIA	
(22) Date of filing of Application :11/04/2022	(43) Publication Date : 29/04/2022

(54) Title of the invention : BLOCKCHAIN IN DATA COMMUNICATION CHANNEL OF E-HEALTHCARE SYSTEM

		(71)Name of Applicant : 1)Dr. P. THAMILSELVAN Address of Applicant :ASSISTANT PROFESSOR, PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE, BISHOP HEBER COLLEGE(AUTONOMOUS), TIRUCHIRAPPALLI, TAMILNADU, INDIA 620017. ----- 2)Dr. M. JAYAKKUMAR 3)Mr. S. THIYABLES STEPHEN SMITH 4)Dr. M. ARRIVUKANNAMMA 5)Mrs. RAYNUKAAZHAKARSAMY 6)Dr. B. RAMESH 7)M. BABY NIRMALA 8)Dr. MARIENA A. A 9)NISHA C D 10)Dr. K. MOHAMED AMANULLAH Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Dr. P. THAMILSELVAN Address of Applicant : ASSISTANT PROFESSOR, PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE, BISHOP HEBER COLLEGE(AUTONOMOUS), TIRUCHIRAPPALLI, TAMILNADU, INDIA 620017. ----- 2)Dr. M. JAYAKKUMAR Address of Applicant :ASSOCIATE PROFESSOR, PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE, BISHOP HEBER COLLEGE(AUTONOMOUS), TIRUCHIRAPPALLI, TAMILNADU, INDIA 620017. ----- 3)Mr. S. THIYABLES STEPHEN SMITH Address of Applicant :ASSOCIATE PROFESSOR, PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE, BISHOP HEBER COLLEGE(AUTONOMOUS), TIRUCHIRAPPALLI, TAMILNADU, INDIA 620017. ----- 4)Dr. M. ARRIVUKANNAMMA Address of Applicant :ASSISTANT PROFESSOR, PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE, BISHOP HEBER COLLEGE(AUTONOMOUS), TIRUCHIRAPPALLI, TAMILNADU, INDIA 620017. ----- 5)Mrs. RAYNUKAAZHAKARSAMY Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE, NEHRU ARTS AND SCEINCE COLLEGE(AUTONOMOUS) COIMBATORE, TAMILNADU, INDIA. ----- 6)Dr. B. RAMESH Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE, NEHRU ARTS AND SCEINCE COLLEGE(AUTONOMOUS) PUTHANAMPATTI, TAMILNADU, INDIA. ----- 7)M. BABY NIRMALA Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER APPLICATION HOLY CROSS COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI, TAMILNADU, INDIA. ----- 8)Dr. MARIENA A. A Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE LITTLE FLOWER COLLEGE, GURUVAYOOR, KERALA, INDIA. ----- 9)NISHA C D Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE LITTLE FLOWER COLLEGE, GURUVAYOOR, KERALA, INDIA. ----- 10)Dr. K. MOHAMED AMANULLAH Address of Applicant :ASSOCIATE PROFESSOR, PG DEPARTMENT OF COMPUTER APPLICATIONS, BISHOP HEBER COLLEGE(AUTONOMOUS), TIRUCHIRAPPALLI, TAMILNADU, INDIA 620017. -----
(51) International classification	:H04L0009320000, H04L0009060000, H04L0029080000, H04L0029060000, G06F0021640000	
(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	

(57) Abstract :
A secured communication channel for e-health care systems to transfer data and storage has been invented using blockchain methodology. Blockchain is well known as it is a decentralized absolute ledger used to store encrypted data. The data encryption takes place using the blockchain, in which the blockchain data ledger records all the data processed and also maintains privacy with enhanced operation by reducing the complexity of the health care system.

APPLICANT NAME : **Dr.V.UMADEVI**
TITLE : **A1 ABETLED MATERIAL SYNTHESISISSING FOR
HYBRID METAL RUBBER COMPOSITE AND 3D
PRINTING**
PATENT NO : **2021103605**
DATE : **25/08/2021**
DATE : **16/05/2021**



Australian Government
IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021102605

The Commissioner of Patents has granted the above patent on 25 August 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

UMADEVI V. of Asst. Prof., PG & Research, Dept. of CSE, Nehru memorial college, Puthanampatti Trichy
Tamilnadu 621007 India

Title of invention:

AI abetted material synthesising for hybrid metal rubber composite and 3D Printing

Name of inventor(s):

V., UMADEVI

Term of Patent:

Eight years from 16 May 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 25th day of August 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.

APPLICANT NAME : **Dr.K.SARAVANAN & Dr.G.REVATHI**
TITLE : **NANOTECHNOLOGY BASED ANTIMICROBIAL
BANDAGE DISPENSING INSTRUMENT**
PATENT NO : **353516-001**
DATE : **31/12/2021**
DATE : **22/11/2021**

	 भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE	ORIGINAL No: 106619
CERTIFICATE OF REGISTRATION OF DESIGN		
Design No.	353516-001	
Date	22/11/2021	
Reciprocity Date*		
Country		
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 24-04 in respect of the application of such design to NANOTECHNOLOGY BASED ANTIMICROBIAL BANDAGE DISPENSING INSTRUMENT in the name of LMR. T. PURUSHOTHAMAN, ASSISTANT PROFESSOR, DEPARTMENT OF BIOTECHNOLOGY & RESEARCH, SNMV COLLEGE OF ARTS AND SCIENCE, SHRI GAMBHERMAL BAFNA NAGAR, MALUMICHAMPATTI, COIMBATORE, TAMILNADU, INDIA 2. DR. K. SARAVANAN, ASSISTANT PROFESSOR, PG & RESEARCH DEPARTMENT OF ZOOLOGY, NEHRU MEMORIAL COLLEGE, PUTHANAMPATTI, TIRUCHIRAPPALLI, TAMILNADU, COIMBATORE 3. DR. G. REVATHI, ASSISTANT PROFESSOR, PG & RESEARCH DEPARTMENT OF ZOOLOGY, NEHRU MEMORIAL COLLEGE, PUTHANAMPATTI, TIRUCHIRAPPALLI, COIMBATORE, TAMILNADU, INDIA 4. DR. S. ELAVARASI, ASSISTANT PROFESSOR OF ZOOLOGY, HOLY CROSS COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI TAMILNADU, INDIA, ET AL.		
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001,		
		
Controller General of Patents, Designs and Trade Marks		
*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.		
DR. G. GABRIEL PRAHLLI, CG-02, ANNAL AATHIKA APARTMENT, RODDIPALAYAM ROAD, MALUMICHAMPATTI, COIMBATORE 641050		
Date of Issue 28/12/2021 13:21:57		

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DESIGN NUMBER	353499-001	
CLASS	09-03	
KAP CONES PRIVATE LIMITED, A-31/4, MAYAPURI INDUSTRIAL AREA, PHASE-1, NEW DELHI- 110064.		
DATE OF REGISTRATION	21/11/2021	
TITLE	CONTAINER	
PRIORITY NA		
DESIGN NUMBER	353516-001	
CLASS	24-04	
1.MR. T. PURUSHOTHAMAN, ASSISTANT PROFESSOR, DEPARTMENT OF BIOTECHNOLOGY & RESEARCH, SNMV COLLEGE OF ARTS AND SCIENCE, SHRI GAMBHIRMAL BAFNA NAGAR, MALUMICHAMPATTI, COIMBATORE, TAMILNADU, INDIA 2. DR. K. SARAVANAN, ASSISTANT PROFESSOR, PG & RESEARCH DEPARTMENT OF ZOOLOGY, NEHRU MEMORIAL COLLEGE, PUTHANAMPATTI, TIRUCHIRAPALLI, TAMILNADU, COIMBATORE 3. DR. G. REVATHI, ASSISTANT PROFESSOR, PG & RESEARCH DEPARTMENT OF ZOOLOGY, NEHRU MEMORIAL COLLEGE, PUTHANAMPATTI, TIRUCHIRAPALLI, COIMBATORE, TAMILNADU, INDIA 4. DR. S. ELAVARASI, ASSITTANT PROFESSOR OF ZOOLOGY, HOLY CROSS COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI, TAMILNADU, INDIA , ET AL.		
DATE OF REGISTRATION	22/11/2021	
TITLE	NANOTECHNOLOGY BASED ANTIMICROBIAL BANDAGE DISPENSING INSTRUMENT	
PRIORITY NA		
DESIGN NUMBER	353600-001	
CLASS	24-01	
1.DR. ABHINANDAN RAVSAHEB PATIL, SANJAY GHODAWAT UNIVERSITY KOLHAPUR, INDIA. 2. MRS. MOHSINA F. PATWEKAR, LUQMAN COLLEGE OF PHARMACY, GULBARGA, INDIA. 3. DR. FAHEEM I. PATWEKAR, LUQMAN COLLEGE OF PHARMACY, GULBARGA, INDIA		
DATE OF REGISTRATION	24/11/2021	
TITLE	BIOSENSOR BASED BIOTECH DEVICE TO DETECT LUNG CANCER	
PRIORITY NA		

APPLICANT NAME : **Dr.L.ANITHA**
TITLE : **VIBRATION STRUCTURAL MONITORING SYSTEM
BASED ON INTERNET OF THINKS**
DATE : 18/11/2022
APPLICATION NO : 202241060912 A
DATE : 26/10/2022

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(21) Application No.202241060912 A

(19) INDIA

(22) Date of filing of Application :26/10/2022

(43) Publication Date : 18/11/2022

(54) Title of the invention : VIBRATION STRUCTURAL MONITORING SYSTEM BASED ON INTERNET OF THINGS

(51) International classification : G01M0005000000, G01M0099000000, G01H0001000000,
G06F0017000000, G01M0013045000
(86) International Application
No PCT//
Filing Date 01/01/1900
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No : NA
(61) Patent of Addition to
Application Number : NA
Filing Date : NA
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Number : NA
Filing Date : NA

(71) Name of Applicant :

1) Dr. L. Anitha

Address of Applicant : Associate Professor & Head, PG and Research, Department of Mathematics, Nandha Arts and Science College, Erode - 638052, Tamilnada

2) Mrs. L. Vadivukarnai

3) Ajay Reddy Yeruva

4) Dr. Atowar ul Islam

5) Mr. Vaibhav Shivhare

6) Ms. Sangeta Borkakoty

7) Mr. Akash Sood

8) Ms. Susanda Ratna, Kandavalli

9) P. Mathusamy

10) B. Senthil Kumar

11) Mr. L. Karthick

Name of Applicant : NA

Address of Applicant : NA

(72) Name of Inventor :

1) Dr. L. Anitha

Address of Applicant : Associate Professor & Head, PG and Research, Department of Mathematics, Nandha Arts and Science College, Erode - 638052, Tamilnada

2) Mrs. L. Vadivukarnai

Address of Applicant : Assistant Professor, Department of Mathematics, Nandha Arts and Science College, Erode - 638052, Tamilnada

3) Ajay Reddy Yeruva

Address of Applicant : Independent Researcher, 1326 Hopyssed Road, Apt #62, Pleasanton, CA, USA, 94566

4) Dr. Atowar ul Islam

Address of Applicant : Department of Computer Science and Electronics, University of Science & Technology, Meghalaya, Ri-Bhoi, Techno City, Killing Road, Baridua, Meghalaya 793101 -

5) Mr. Vaibhav Shivhare

Address of Applicant : Assistant Professor, Department of Mechanical Engineering, Madhav Institute of Technology & Science, Race Course Road, Gole Ka Mandir, Gwalior, Madhya Pradesh - 474005

6) Ms. Sangeta Borkakoty

Address of Applicant : Assistant Professor, Department of Computer Science and Electronics, University of Science & Technology, Meghalaya, Ri-Bhoi, Techno City, Killing Road, Baridua, Meghalaya 793101

7) Mr. Akash Sood

Address of Applicant : Research Scholar, Department of Chemical Engineering, Sant Longowal Institute of Engineering and Technology, Longowal, District Sangrur, Punjab- 148106

8) Ms. Susanda Ratna, Kandavalli

Address of Applicant : D. no. 2-44-18, Subhash Street, Bhaskar Nagar, Near Venkata Nagar, Kakainada District, Andhra Pradesh, India, Pincode: 533003

9) P. Mathusamy

Address of Applicant : Dean, Pollachi Institute of Engineering and Technology, 107/1b Poonaripatti, Pollachi Taluk, Coimbatore District, Tamil Nadu - 642205

10) B. Senthil Kumar

Address of Applicant : Assistant Professor, Department of Mechanical Engineering, Sri Ramakrishna Engineering College, Coimbatore

11) Mr. L. Karthick

Address of Applicant : Assistant Professor, Department of Mechanical Engineering, Hindusthan College of Engineering and Technology, Valley Campus, Pollachi Highway, Coimbatore - 641032, Tamilnada

(57) Abstract :

[010] The useful life of a civil structure is related to several factors such as vibrations, physical wear of materials, lack of maintenance, among others, leading to an economic loss and affecting the inhabitants. With this in mind, evaluation studies must be carried out in order to guarantee the structural health and assign safety criteria for its use. The objective of this work is to present the monitoring of vibrations in a structural beam by the non-destructive method, which will not interfere with the functioning of the structure. The proposal presented was a test on a beam of a commercial building, to detect the vibration signals suffered by the structure. In the test, a sensor with an accelerometer connected to a microcontroller (Arduino UNO) was used, which has the function of receiving and transferring the data collected by the sensor to other electronic devices such as tablets, smartphones, computers, etc. This concept is called the Internet of Things (IoT), which makes it possible to connect several objects to a single network, leaving free access to any information for analysis of results and real-time monitoring. The results obtained from this analysis were compared with the values recommended by the standard, so that the safety conditions of the structure and human comfort were satisfied. Accompanied Drawing [FIG. 1] [FIG. 2] [FIG. 3] [FIG. 4] [FIG. 5] [FIG. 6] [FIG. 7] [FIG. 8] [FIG. 9]

No. of Pages : 20 No. of Claims : 4

APPLICANT NAME : **Dr.D.JAYACHITRA**
TITLE : **AI AND DEEP LEARNING BASED FRUIT
RECOGNITION & CALORIES ESTIMATION**
DATE : **03/01/2022**
APPLICATION NO : **202211000223 A**
DATE : **14/01/2022**

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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(Shri Rajendra Ratnoo)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

14th JANUARY, 2022

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**THE PATENT OFFICE
KOLKATA, 14/01/2022**

Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

1 Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037 Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpatm@nic.in	4 The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai - 600 032. Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in ❖ The States of Andhra Pradesh, Telangana, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
2 The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in ❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli	5 The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata - 700 091 Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in ❖ Rest of India
3 The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32, Sector-14, Dwarka, New Delhi - 110075 Phone: (91)(11) 25300200 & 28032253 Fax: (91)(11) 28034301 & 28034302 E-mail: delhi-patent@nic.in ❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.	

Website: www.ipindia.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय
कोलकाता, दिनांक 14/01/2022
***कार्यालयों के क्षेत्राधिकार के पते**
विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए हैं:-

1 कार्यालय : महाभियोग, एकरा, बलिकल्प उषा व्यापार भिन्न, इंटीप हिल बाकबर के समीप, एच. एम. रोड, इंटीप हिल, मुम्बई- 400 037, भारत, फोन: (91) (22) 24123311 फैक्स: (91) (22) 24123322 ई. मेस: cgpdtm@nic.in	4 पेटेंट कार्यालय, भारत सरकार इंटेलेक्चुअल प्रॉपर्टी राइट्स विभाग, इंडस्ट्रियल प्रोटेक्ट एक्ज्यूटिवीवो आरएमडी मोडरन एरिया एक्ज्यूटिव डु ईगल प्लास्क, बी. एल. टी. रोड, गायबो मैचई - 600 032. फोन: (91) (44) 2250 2081-84 फैक्स: (91) (44) 2250-2066 ई. मेस: chennai-patent@nic.in * कलकत्ता, चेन्नई, कोलकाता, कर्नाटक, केरल, तमिलनाडु उषा गुडवैरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, महाराष्ट्र
2 पेटेंट कार्यालय, भारत सरकार बीडिक संपदा भवन, इंटीप हिल बाकबर के समीप, एच. एम. रोड, इंटीप हिल, मुम्बई- 400 037, फोन: (91) (22) 24137701 फैक्स: (91) (22) 24130387 ई. मेस: Mumbai-patent@nic.in * कलकत्ता, महाराष्ट्र, मध्य प्रदेश, ओडिशा, पंजाब, राजस्थान राज्य क्षेत्र एवं संघ शासित क्षेत्र, कनका जल क्षेत्र, एकरा और एकरा क्षेत्रों।	5 पेटेंट कार्यालय, भारत सरकार कोलकाता, (प्रधान कार्यालय) बीडिक संपदा भवन, सीपी-2, सेक्टर- V, साइड मेक सिटी, कोलकाता-700 091, भारत. फोन: (91) (33) 2367 1943/44/45/46/87 फैक्स/Fax: (91) (33) 2367 1988 ई. मेस: kolkata-patent@nic.in * भारत का कवरेज क्षेत्र
3 पेटेंट कार्यालय, भारत सरकार बीडिक संपदा भवन, प्लॉट सं. 32, सेक्टर- 14, बाराका, नई दिल्ली- 110 075. फोन: (91) (11) 25300200, 28032253 फैक्स: (91) (11) 28034301, 28034302 ई. मेस: delhi-patent@nic.in हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़	

वेबसाइट: <http://www.ipindia.nic.in>

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 कवचा पेटेंट (संशोधन) नियम, 2006 द्वारा प्राधिकृत सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे।
शुल्क: शुल्क या जो नवम्बर एवं में या Controller of Patents के नाम में बैंक द्राफ्ट या बैंक के द्वारा भेजी या भेजी है जो जहाँ स्थान के किसी अनुमति बैंक में भवत हो जहाँ उपयुक्त कार्यालय स्थित है।

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2022

(21) Application No.202211000223 A

(43) Publication Date : 14/01/2022

(54) Title of the invention : AI AND DEEP LEARNING BASED FRUIT RECOGNITION AND CALORIE ESTIMATION USING CNN

(51) International classification :A23L003300000, G06K009460000, A23L003315000, G06K009000000, A61K003330000 (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 : 1)Dr. Ruby Singh Address of Applicant :Assistant Professor SRM Institute of Science and Technology, NCR Campus, Madhavpur, Ghaziabad-201204, Uttar Pradesh, India ----- 2)Bilal Ahmed Mir 3)Gayatri Vaidya 4)Dr.D.Jayachitra 5)Dr. Aditi Sharma 6)Dr. Deepak Prashar 7)Dr.Amit K.Gaikwad 8)Dr. NAVEEN NAGENDRAPPA MALVADE 9)Dr. Ramneet Kaur 10)Dr. Brijesh Sathian Name of Applicant : NA Address of Applicant : NA (72) Name of Inventor : 1)Dr. Ruby Singh Address of Applicant :Assistant Professor SRM Institute of Science and Technology, NCR Campus, Madhavpur, Ghaziabad-201204, Uttar Pradesh, India ----- 2)Bilal Ahmed Mir Address of Applicant :Research Scholar, Graduate School of Science and Engineering for Education, University of Toyama, 3190 Gofuku, Toyama, 930-8555, Japan. ----- 3)Gayatri Vaidya Address of Applicant :Assistant Professor, Department of studies in Food Technology, Davangere University, Davangere, Karnataka 577007 India ----- 4)Dr.D.Jayachitra Address of Applicant :Associate Professor Department of Computer Science, Nelu Memorial College, Putlurampatti, 621007, Tiruchy Dt, Tamilnadu, India ----- 5)Dr. Aditi Sharma Address of Applicant :Assistant Professor, Institute of Engineering & Technology (An Autonomous Constituent Institute of Dr. A.P.J. Abdul Kalam Technical University), Lucknow, 226021, Uttar Pradesh, India. ----- 6)Dr. Deepak Prashar Address of Applicant :Principal Green Hills Pharmacy College Kumarhatti Solan, Himachal Pradesh, India ----- 7)Dr.Amit K.Gaikwad Address of Applicant :Associate Professor SIT Kolhapur Uttam Nagar, Line No 1, Aarewadi 444606, Maharashtra, India ----- 8)Dr. NAVEEN NAGENDRAPPA MALVADE Address of Applicant :Associate Professor Computer Science and Engineering ATMI College of Engineering, Bannur Road, Mysuru, Karnataka 576028, India ----- 9)Dr. Ramneet Kaur Address of Applicant :HOD, Life Science Department of Life Sciences, RIMT University Fatehgarh Sahib Punjab, India ----- 10)Dr. Brijesh Sathian Address of Applicant :Scientist, Geriatrics and Long term care Department, Ramallah Hospital, Hamad Medical Corporation, Doha, Qatar, P.O BOX 3030, Doha, Qatar -----
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(57) Abstract :

Fruits are high in vitamins, minerals, and fiber, all of which are essential for good health. Consuming a variety of fruits and vegetables can reduce your risk of developing cancer, diabetes, and heart disease. The CNN algorithm is used to recognise fruits in this paper. This is a positive type of acknowledgement. If you want to know how many calories are in a food, you'll need to consult a nutrition table and a model trained on images of various fruits. The raspberry pi's webcam allows it to capture images of what's going on in front of it. Image detection is one of the most promising claims of visual object recognition when it comes to determining how many calories you need to eat and changing your eating habits. The nutrition our bodies require is provided by the food we eat. We can end up with a wide range of health problems if we don't get enough precise information about our metabolic progress and fitness decline. Simply put, we believe that proper nutrition is critical to our health. According to some recent research, people who don't get enough food may struggle with a variety of issues. Scientists used to believe that diseases like diabetes and obesity were caused by a single change in a single gene. They now believe that a faulty system of living things is to blame. Because of this project, there will be better ways to keep people's fitness level up or down. It is designed to meet the needs of patients and users.

No. of Pages : 11 No. of Claims : 7

APPLICANT NAME : **Dr.M.P.SHANTHI**
TITLE : **A PHARMACKUTICAL FORMULATION FOR TREATING UROLITHIASIS**
PATENT DATE : **24/10/2017**
APPLICATION NO : **201741037650 A**
DATE : **24/11/2017**

(12) PATENT APPLICATION PUBLICATION
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(22) Date of filing of Application :24/10/2017

(43) Publication Date : 24/11/2017

(54) Title of the invention : A PHARMACKUTICAL FORMULATION FOR TREATING UROLITHIASIS

(81) International classification :A61K36/9066;
 A61P1/16;
 A61P13/04
 (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 :
 1)SREE BALAJI MEDICAL COLLEGE & HOSPITAL,
 BIHER- BHARATH UNIVERSITY
 Address of Applicant :#7, WORKS ROAD, CHROMEPET,
 CHENNAI-600044, TAMILNADU, INDIA Tamil Nadu India
 (72)Name of Inventor :
 1)Dr.G.BUPESH
 2)Dr.P.THIRUMALAI VASAN
 3)Dr.M.P-SANTHI
 4)Dr.WMS.JOHNSON

(57) Abstract :

APPLICANT: SREE BALAJI MEDICAL COLLEGE & HOSPITAL, BIHER- BHARATH UNIVERSITY TITLE: A PHARMACKUTICAL FORMULATION FOR TREATING UROLITHIASIS ABSTRACT The present invention discloses a novel herbal pharmaceutical formulation exhibiting excellent antioxidant and antimicrobial activity for treating subjects with Urolithiasis. The herbal formulation of the present invention comprises of combination of extract of Biophytum sensitivum and Triphala along with atleast one pharmaceutically acceptable carrier. The present invention also discloses a process of preparing the novel herbal pharmaceutical formulation

No. of Pages : 21 No. of Claims : 9



APPLICANT NAME : **Dr.K.SARAVANAN**
TITLE : **PHYTO-PHARMACOLOGICAL APPRAISAL OF HERBAL CRUDE DRUGS**
PATENT DATE : **201/01/2023**
APPLICATION NO : **202311003216 A**
DATE : **16/01/2023**

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(19) INDIA

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(54) Title of the invention : PHYTO-PHARMACOLOGICAL APPRAISAL OF HERBAL CRUDE DRUGS

(51) International classification :A61P0039060000, B01D0003080000, A01N0065000000, A61K0036770000, A61K0009000000

(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 :

1)Dr.KAVITA KHATANA

Address of Applicant :POST DOCTORAL FELLOW, DEPARTMENT OF CHEMICAL ENGINEERING, SOE, SHIV NADAR INSTITUTIONAL OF EMINENCE, TEHSIL DADRI, - 201314

2)Dr.K.SARAVANAN

3)Dr. GANESH LAXMANRAO PACHKORE

4)Dr.SELVAKUMAR SIVAGNANAM

5)Dr. ANTHATI SREENIVASULU

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Dr.KAVITA KHATANA

Address of Applicant :POST DOCTORAL FELLOW, DEPARTMENT OF CHEMICAL ENGINEERING, SOE, SHIV NADAR INSTITUTIONAL OF EMINENCE, TEHSIL DADRI, - 201314

2)Dr.K.SARAVANAN

Address of Applicant :ASSISTANT PROFESSOR DEPARTMENT OF ZOOLOGY, NEHRU MEMORIAL COLLEGE (AUTONOMOUS), PUTHANAMPATTI 621007, TIRUCHIRAPPALLI DISTRICT

3)Dr. GANESH LAXMANRAO PACHKORE

Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF BOTANY, VASANTDADA PATIL ARTS, COMMERCE & SCIENCE COLLEGE, PATODA, BEED

4)Dr.SELVAKUMAR SIVAGNANAM

Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF BIOTECHNOLOGY, BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH, CHENNAI, TAMILNADU-600073

5)Dr. ANTHATI SREENIVASULU

Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF CHEMISTRY, NAGARJUNA GOVERNMENT COLLEGE (AUTONOMOUS), NALGONDA, TELANGANA- 508001

(57) Abstract :

The invention discloses method of phyto-pharmacological appraisal of herbal crude drugs. The method comprising of drying and powdering herbal crude material; concentrating the herbal crude material; analyzing pharmacognostic characteristics of the herbal crude material; and analyzing phytochemical composition of the herbal crude material. The concentrating of the herbal crude material is by using a rotary evaporator. The method analyzes pharmacognostic characteristics of herbal crude material or drugs by macroscopic characterization and microscopic characterization. The method analyzes phytochemical composition of herbal crude material or drugs by measuring alkaloids, glycosides, flavonoids, saponins, steroids, tannins and terpenoids. Results show that significant levels of alkaloids, glycosides, flavonoids, saponins, steroids, tannins and terpenoids were measured. This demonstrates that the herbal crude material/drugs have high medicinal value.

No. of Pages : 11 No. of Claims : 4