Mohanlal Sukhadia University

मोहनलाल सुखाड़िया विश्वविद्यालय, उदयपुर, 313001

NAAC-SSR (Assessment Year: 2017-22)

Criterion- 3

Research, Innovations and Extension

Key Indicator 3.4:

Research Publications and Awards

Metric 3.4.2:

Total number of Patents awarded during the last five years

E-Copies of letters of Patent Grant

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

क्रमांक : 011149259
SL No :

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE

(Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No.	:	403715
आवेदन सं. / Application No.	:	860/DEL/2014
फाइल करने की तारीख / Date of Filing	:	25/03/2014
पेटेंटी / Patentee	:	1.CHOUDHARY, DEEPAK 2.BHANDARI, ANIL 3.SHARMA, SANJAY 4.PURI, DINESH et al.

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित ANTI DIABETICS AGENTS, COMPOSITIONS AND PROCESS FOR PREPARING THE SAME नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख मार्च 2014 के पच्चीसवें 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 ANTI DIABETICS AGENTS, COMPOSITIONS AND PROCESS FOR PREPARING THE SAME as disclosed in the above mentioned application for the term of 20 years from the 25th day of March 2014 in accordance with the provisions of the Patents Act,1970.

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

पेटेंट कार्यालय THE PATENT OFFICE GOVT. OF INDIA भारत सरकार

अनुदान की तारीख :
Date of Grant : 17/08/2022

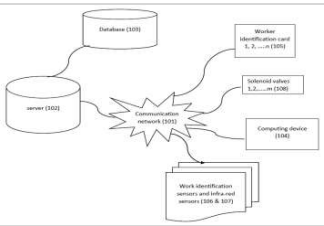
पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, मार्च 2016 के पच्चीसवें दिन को और उसके पश्चात प्रत्येक वर्ष मे उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 25th day of March 2016 and on the same day in every year thereafter.

INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES

Intellectual Property Center, 28 Upper McKinley Rd.
McKinley Hill Town Center, Fort Bonifacio, Taguig City 1634 Philippines
Tel. No. 238-6300 Website: http://www.ipophil.gov.ph e-mail: mail@ipophil.gov.ph
Volume 25 Number 092
Date Released: August 10, 2022

[19]	**INTELLECTUAL PROPERTY PHILIPPINES**			
[12]	**UTILITY MODEL PUBLICATION**			
[21]	**Application Number:**	**2/2022/050144**	**Document Code:**	**U1**
[22]	**Date Filed:**	**02/03/2022**		
[54]	**Title:**	**A system and method for automatically managing the industrial process and workers management**		
[71]	**Applicant(s):**	**SHRIMALI, Devendra [IN]; CHANSORIYA, Mukesh [IN]; SOLANKY, Manisha [IN]; KOTHARI, Garima [IN]; KHARE, Ashish [IN] and BHANAWAT, Hemant [IN]**		
[72]	**Maker(s):**	**SHRIMALI, Devendra[IN]: CHANSORIYA, Mukesh[IN]: SOLANKY, Manisha[IN]: KOTHARI, Garima[IN]: KHARE, Ashish[IN]: BHANAWAT, Hemant[IN]**		
[73]	**Assignee(s):**			
[74]	**Attorney / Agent:**	**SHRIMALI, Devendra**		
[30]	**Priority Data:**	**NONE**		
[51]	**International Class 8:**	**G06Q 10/06; G06F 9/44; G05B 19/418; G07C 3/00**		
[57]	**Abstract:**	**The present utility model relates to a system and method for automatic management of the workers and industrial process in the industrial plant for effective utilization of human resources and remote monitoring of the industrial plant process. The disclosure presents an automatic method that manages the human resources or workers for assigning and reassigning the new task, monitoring the task provided to the workers along with the area where the worker is working, monitoring the industrial plant process using the technology like solenoid valve and portable worker identification cards. The proposed utility model comprises a server storing the data related to the workers, industrial plant process, task related information of the industrial plant and worker identification card details. The whole area of the industrial process is divided into work areas related to the specific work process of the industrial plant equipped with infra-red sensors and work identification sensors communicating to the server and detecting the location and communicating to the workers identification card through the electro-magnetic waves carrying information to and from the workers to the server. The industrial plant machinery is equipped with the solenoid valve that can be controlled from the remote location. Second aspect where workers or human resources are managed, the infra-red sensors and work identification sensors are installed in each work areas. The workers are provided with unique worker identification card for identifying the workers uniquely and assigning/reassigning the tasks to the workers displayed on the worker identification card managed from the remote location through the infra-red sensors and work identification sensors. The work areas are assigned with unique or specific industrial process. The location of the worker is identified through the worker identification card and the tasks are monitored through the work identification sensors that are communicated to the server through the unit installed in each work areas. The new tasks are assigned or reassigned to the workers upon completion of the current assigned task displayed on the worker identification card to the workers automatically by the server.**		
Representative Drawing(s):				
Relevant docs:				

Bundesrepublik Deutschland

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2022 103 062

Bezeichnung:

Ein System zur Herstellung von magnetischen Eisenoxid-Nanopartikeln aus dem Blattextrakt von Carrisa Carandas

IPC:

C01G 49/02

Inhaber/Inhaberin:

Choudhary, Deepak, Dr., Udaipur, Rajasthan, IN
Kaur, Arvinder, Bengaluru, IN
Manjunath, Kavya, Bengaluru, IN
Maratha, Sushma, Jhajjar, IN
Murthy, Shilpa, Bengaluru, IN
Paramesh, Deepa Bagur, Bengaluru, IN
Singh, Deepika, Dr., Prayagraj, IN
Sinha, Sweta, Bilaspur, C.G., IN
Wani, Vipin Kumar, Bilaspur, C.G., IN
William, Neha Ronald, New Delhi, IN

Tag der Anmeldung:

31.05.2022

Tag der Eintragung:

14.06.2022

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer

München, 14.06.2022

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978
APPLICATION OR REQUEST TO THE REGISTRAR
(REGULATION 39)

OFFICIAL APPLICATION NO.		
21	01	**2022/03599**

AGENT REFERENCE
PT_CP_ZA00003602

IN THE NAME OF:	
71	Dr. Girendra Kumar Gautam Dr. Shivendra Agarwal Dr. Dimak Chand Sahu Dr. Satendra Kumar Dr. Virendra Kumar Patel Dr. Deepak Sharma Dr. Joohee Pradhan Dr. Sunita Panchawat Ms. Devshree Gayakwad Dr. Sweta Shrivastava Koka Ms. Anamika Singh Ms. Bhagyashree Agarwal

In terms of the following section(s) 42 of the Act and/or regulation(s) 39, 44 of the Patent Regulations, the applicant hereby request the following:

Request for expedited acceptance in terms of section 42, regulation 39 and 44.

Documents, if any, lodged in support of the request:
N/A

ADDRESS FOR SERVICE

74	Sibanda and Zantwijk Oaktree Corner, 9 Kruger Street, Oaklands (PO Box 1615 Houghton 2041), Johannesburg, 2192 SOUTH AFRICA

29 March 2022

Digitally signed by : Paulo Lopes

Signature of Applicant

FOR OFFICIAL USE ONLY

The above application or request is hereby allowed/refused.

Reasons for refusal of conditions of allowance, if any:

OFFICIAL DATE STAMP

REGISTRAR OF PATENTS

CONFIRMATION

This document has been generated by CIPC on this 30th day of March 2022

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978
COMPLETE SPECIFICATION
[Section 30(1) – Regulation 28]

OFFICIAL APPLICATION NO.		LODGING DATE	
21 01	**2022/03599**	22	2022/03/29

INTERNATIONAL CLASSIFICATION	
51	A61K

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2. Dr. Shivendra Agarwal
3. Dr. Dimak Chand Sahu
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5. Dr. Virendra Kumar Patel
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8. Dr. Sunita Panchawat
9. Ms. Devshree Gayakwad
10. Dr. Sweta Shrivastava Koka
11. Ms. Anamika Singh
12. Ms. Bhagyashree Agarwal

TITLE OF INVENTION

54 **ATORVASTATIN ETHOSOMES TOPICAL GEL BASED DRUG DELIVERY SYSTEM**

CONFIRMATION

This document has been generated by CIPC on this 30th day of March 2022

REPUBLIC OF SOUTH AFRICA
PATENTS ACT, 1978
PUBLICATION PARTICULARS AND ABSTRACT
[Section 32(3)(a) – Regulation 2291)(g) AND 31]

OFFICIAL APPLICATION NO.		LODGING DATE		ACCEPTANCE DATE	
21	01 **2022/03599**	22	2022/03/29	47	

INTERNATIONAL CLASSIFICATION		NOT FOR PUBLICATION
51	A61K	CLASSIFIED BY: Sibanda and Zantwijk

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FULL NAME(S) OF INVENTORS(S)

72 1. Dr. Girendra Kumar Gautam
2. Dr. Shivendra Agarwal
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10. Dr. Sweta Shrivastava Koka
11. Ms. Anamika Singh
12. Ms. Bhagyashree Agarwal

EARLIEST PRIORITY CLAIMED

COUNTRY		NUMBER		DATE	
33		31		32	

TITLE OF INVENTION

54 **ATORVASTATIN ETHOSOMES TOPICAL GEL BASED DRUG DELIVERY SYSTEM**

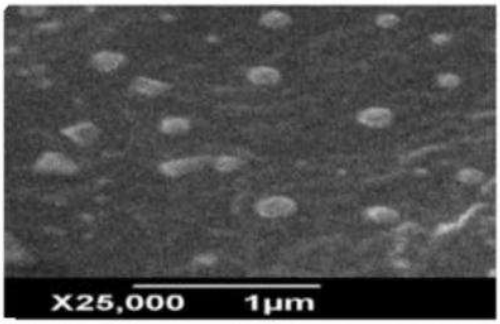
This page is to be signed by CIPC on this 30th day of March 2022

57 The present invention relates to develop a ethosomal formulation of atorvastatin to reduce the first pass metabolism and to enhance its systemic bioavailability. Atorvastatin is HMG- CoA reductase inhibitor and utilized for minimizing cholesterol level in the treatment of congestive heart failure. The prepared formulation showed enhanced drug delivery with no first pass metabolism, entrapment efficiency was found to be 87.65±2.53%. The gel formulation showed 15.69gcm2 spreadibility and 98.47% in vitro drug release within 48hrs as compared to plain drug ethosomal formulation which shows 62.37% in 48hrs. It was noticed that ethosomes would improve transdermal flux, prolong release, and provide an appealing route for long-term distribution of atorvastatin, and that the ethosomal gel delivery method is a successful design for topical drug delivery with improved bioavailability

CONFIRMATION

	and patient enforcement.

PATENT IMAGE



CONFIRMATION

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पेटेंट कार्यालय
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. 10/2022	शुक्रवार	दिनांक: 11/03/2022
ISSUE NO. 10/2022	FRIDAY	DATE: 11/03/2022

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2022

(21) Application No.202221008706 A
(43) Publication Date : 11/03/2022

(54) Title of the invention : SYNTHESIS AND ANALYSIS OF CEFCAPENE PIVOXIL BY USING DIFFERENT SOLVENT

(51) International classification :A61K0031546000, C07D0501340000, C07D0501000000, C08B0037000000, A61P0031040000
(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 :**
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3)Dr. Neelesh Kumar Dwivedi
4)Dr. Ankit Mishra
5)Dr. Joohee Pradhan
6)Dr. Garima Joshi
7)Dr. Sunita Panchawat
8)Dr. Dileep Kumar
9)Dr. Girendra Kumar Gautam
10)Mr. Vikas Kumar
11)Ms. Megha Katariya
12)Ms. Anshika Aggarwal
13)Ms. Sana Khan
14)Mr. Dimak Chand Sahu
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Name of Applicant : NA
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(72)**Name of Inventor :**
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7)Dr. Sunita Panchawat
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10)Mr. Vikas Kumar
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13)Ms. Sana Khan
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14)Mr. Dimak Chand Sahu
Address of Applicant :Associate Professor, J K College of Pharmacy, Near Gatora Railway Station, Bilaspur,Chhattisgarh, Pin Code: 495001 ---------- ----------
15)Dr. Vibhor Kumar Jain
Address of Applicant :Professor, J K Institute of Pharmaceutical Education and Research, Vill. Farhada, Bilaspur, Chhattisgarh, Pin Code: 495001 ---------- ----------

(57) Abstract :
The present invention relates to development of improved and cost- effective industrial method of preparation of the drug Cefcapene Pivoxil, to enhance its purity and yield. Cefcapene Pivoxil is newer third generation cephalosporin antibiotic. It is effective for both gram positive and gram negative bacterial infection. Synthesis involves 6 steps with the condensation of silylated HACA and Boc-ATPAA mix anhydride and followed by de- Boc reaction by a strong acid. The synthesized products confirmation was done by physicochemical properties and spectral data. Results showed that the synthesized products are having good yield and high purity.

Figure 1

No. of Pages : 29 No. of Claims : 3

FORM P1

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

APPLICATION FOR A PATENT AND ACKNOWLEDGEMENT OF RECEIPT

[Section 30 (1)-Regulation 22]

The granting of a patent is hereby requested by the undermentioned applicant on the basis of the present application.

Official Application No.			Applicant's or Agent's Reference
21	01	**2022/03599**	PT_CP_ZA00003602

71	Full Name(s) of Applicant(s)

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Ms. Bhagyashree Agarwal
Assistant Professor, LCIT School of Pharmacy, Bodri, Bilaspur, Chhattisgarh, 495220, India

54	Title of invention

ATORVASTATIN ETHOSOMES TOPICAL GEL BASED DRUG DELIVERY SYSTEM

The applicant claims priority as set out on the accompanying Form P.2. The earliest priority claimed is

COUNTRY: NUMBER: DATE:

~~This application is for a patent of addition to patent application No.~~

21	01	

~~This application is a fresh application in terms of section 37 and based on Application No.~~

21	01	

This application is accompanied by:

X	1.	A single copy of a complete specification of 20 pages.
	2.	Drawings of _____ sheet(s).
X	3.	Publication particulars and abstract(Form P8)
X	4.	A copy of a figure of the drawing (if any) for the abstract
	5.	Assignment of invention
	6.	Certified priority document(s)
	7.	Translation(s) of the priority document(s)
	8.	Assignment of priority rights
	9.	A copy of the Form P.2 and the specification of S.A Patent Application (if applicable).
X	10.	A declaration and power of attorney on Form P3
X	11.	Statement on the use of indigenous Biological Resource, Genetic Resource, Traditional Knowledge or Use on Form P26
X	12.	

This document was lodged electronically with CIPC on the 29th day of March 2022

74	Address of Service:

CONFIRMATION

Sibanda and Zantwijk
Oaktree Corner, 9 Kruger Street, Oaklands (PO Box 1615 Houghton 2041), Johannesburg, 2192
SOUTH AFRICA

Dated this 29th day of March 2022

Digitally signed by : Paulo Lopes

.....

Signature of Applicant(s)

This is returned to the applicant's address for service as proof of lodging.

RECEIVED

Official Date Stamp

.....

Registrar of Patents

CONFIRMATION

This document has been generated by CIPC on this 30th day of March 2022

Bundesrepublik Deutschland

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2022 100 490

Bezeichnung:
Ein System zur Entwicklung einer neuroaktiven polytherapeutischen Formulierung

IPC:
A61K 36/8965

Inhaber/Inhaberin:
Das, Nirupam, Dr., Hailakandi, Assam, IN
Dash, Biswajit, Dr., Guwahati, Assam, IN
Jain, Vivek, Dr., Kota, Rajasthan, IN
Patel, Arun, Dr., Jabalpur, Madhya Pradesh, IN
Patel, Bhavesh, Jabalpur, Madhya Pradesh, IN
Samaiya, Puneet Kumar, Dr., Sagar, Madhya Pradesh, IN
Shakya, Anshul, Dr., Dibrugarh, Assam, IN
Shivavedi, Naveen, Dr., Jabalpur, Madhya Pradesh, IN

Tag der Anmeldung:
28.01.2022

Tag der Eintragung:
02.03.2022

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer

München, 02.03.2022

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

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INTELLECTUAL PROPERTY INDIA
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(http://ipindia.nic.in/index.htm)

Application Details	
APPLICATION NUMBER	202111051627
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/11/2021
APPLICANT NAME	1 . Manisha Khanduja 2 . Dr. Pankaj Agarwal 3 . Prof. (Dr.) Bhagirathi Nayak 4 . Dr. Lavkush Mishra 5 . Dr. Abha Dubey 6 . Dr. Sweta Shukla 7 . Sarthak Bhardwaj 8 . Prof. Manoj Kumar Agrawal 9 . Professor Sanjay Mishra 10 . Gujjari Chandra 11 . Dr. Devendra Kumar
TITLE OF INVENTION	INTELLIGENT SYSTEM FOR MANAGEMENT OF HEALTHCARE RECOURSES IN HOSPITAL USING DATA MINING & MACHINE LEARNING
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	patentpublication@gmail.com
ADDITIONAL-EMAIL (As Per Record)	patentpublication@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	19/11/2021

Application Status

Patent Search

Invention Title	THE EFFECTIVE ADVANCED PROMOTIONAL TOOL FOR MARKETING OLD/ NEW PRODUCT.
Publication Number	39/2021
Publication Date	24/09/2021
Publication Type	INA
Application Number	202111040502
Application Filing Date	07/09/2021
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0030020000, G06Q0010100000, G06Q0030060000, G06Q0010060000, G06Q0050000000

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Dr.Richa Goel, Assistant Professor	Amity University, Noida	India	India
Dr. R. Vinoth, Teaching Assistant	Institute of Agriculture, Tamil Nadu Agriculture University, Kumulur, Trichy-621712,Tamil Nadu	India	India
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Dr. Krishna Kumar Verma, Assistant Professor	Swami Shukdevanand college, Shahjahanpur ,Uttar Pradesh	India	India
Prof.(Dr.) Harish B. Bapat, Professor & Dean	Faculty of Management Medi-Caps University, Indore (M.P.)	India	India
Dr. Sachin Gupta, Assistant Professor	Department of Business Administration Mohanlal Sukhadia University Udaipur Rajasthan	India	India
Dr. Alok Chandra, Professor	lala lajpat rai institute of management Mumbai	India	India
Dr. Maninder Kaur	Guru Nanak Institute of Management, Delhi	India	India

Applicant

Name	Address	Country	Nationality
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Dr. Veena Prasad Vemuri, I/C Principal	NKES College of Arts, commerce and Science, Mumbai University , Maharashtra 400031	India	India
Dr. Brajesh kumar Singh, Associate Professor	School of Commerce & Management YBN University, Ranchi, Jharkhand	India	India
Dr.Richa Goel, Assistant Professor	Amity University, Noida	India	India
Dr. R. Vinoth, Teaching Assistant	Institute of Agriculture, Tamil Nadu Agriculture University, Kumulur, Trichy-621712,Tamil Nadu	India	India
Dr. Anurag Agarwal, Principal	Swami Shukdevanand college, Shahjahanpur ,Uttar Pradesh	India	India
Dr. Krishna Kumar Verma, Assistant Professor	Swami Shukdevanand college, Shahjahanpur ,Uttar Pradesh	India	India
Prof.(Dr.) Harish B. Bapat, Professor & Dean	Faculty of Management Medi-Caps University, Indore (M.P.)	India	India
Dr. Sachin Gupta, Assistant Professor	Department of Business Administration Mohanlal Sukhadia University Udaipur Rajasthan	India	India
Dr. Alok Chandra, Professor	lala lajpat rai institute of management Mumbai	India	India
Dr. Maninder Kaur	Guru Nanak Institute of Management, Delhi	India	India

Abstract:

Our Invention the Effective Advanced Promotional Tool for Marketing Old/ New Product is to a quickly evolving time, business visionaries, just as advertisers, should be fully informed regarding the adjustment of the business climate or they might need to confront the danger of being outdated. Days are well beyond when an ordinary plan of action used to develop quick and get achievement. In the time of Facebook, YouTube, WhatsApp, Twitter, and Instagram, social showcasing has advanced as an indispensable piece of promoting procedure. It is all generally difficult to think about an advertising procedure without considering the significance of web-based media. Embracing some type of online advancement through web-based media has become fundamental for all business houses. In an industry where patterns are changing in quicker than light, reception of informal organization promoting is exceptionally imperative for organizations to get by in that race. In this invention the analyst has attempted to discover the significance and viability of online media as a showcasing and limited time device. An endeavor has been made to investigate the degree of impact of online media as a purchasing leader. The invention additionally attempts to discover the job of sex inclinations. The hole between the client's assumption and web-based media execution is additionally endeavored to discover.

Complete Specification

Our Invention is related to a The Effective Advanced Promotional Tool for Marketing Old/ New Product.

BACKGROUND OF THE INVENTION

After the progression in Indian Economy Policy, in 1991, we, as clients encountered an extreme change in our day to day routine, just as in commercial center. The presentation of MNCs, alongside their elite items, with an extremely serious value; the expectation for everyday comforts of normal Indian has raised a ton. The presentation of current PCs, PC, tablet, web, internet business, and m-trade hugely affects how business works and advances.

As an ever increasing number of new advancements are accessible, organizations houses willing to take on them will acquire huge influence over its rival. Organizations like, Microsoft, eBay, Amazon, Facebook, Google are administering the world since they have taken on the progressions in innovation keeping taking into account client's assumptions and comforts. Alongside its development based organizations, web-based media has become perhaps the most thriving sector

View Application Status

राष्ट्रीय मतदाता सेवा पोर्टल
NATIONAL VOTERS' SERVICES PORTAL

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Page last updated on: 26/06/2019

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Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

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Application Details	
APPLICATION NUMBER	202111032892
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/07/2021
APPLICANT NAME	1 . Dr. Sachin Gupta 2 . Dr. Parul Dashora 3 . Dr. Shilpa Vardia 4 . Priyanka Jingar 5 . Dr. Suhasini Verma 6 . Dr. Smita Mahesh Pachare 7 . Dr Oum Kumari R 8 . Dr. Mahesh Ramalingam 9 . Dr.Gargi Sharma 10 . Dr. Avtar Singh 11 . Dr. Reshma Sheikh
TITLE OF INVENTION	INTELLIGENT HEALTHCARE & ENVIRONMENTAL MONITORING SYSTEM OF INDUSTRIES IN MEWAR
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sachinguptabusadm@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sachinguptabusadm@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	03/09/2021

Application Status	
APPLICATION STATUS	**Awaiting Request for Examination**

Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2021106642

The Commissioner of Patents has granted the above patent on 1 December 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

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Satyendra K. Prasad of Assistant Professor (Pharmacognosy), Department of Pharmaceutical Sciences, R.T.M. Nagpur University Nagpur India

Damiki Laloo of Associate Professor, Department of Pharmacognosy, Girijananda Chowdhury Institute of Pharmaceutical Science Guwahati Assam 781017 India

Biswajit Dash of Principal, NEPEDS College of Pharmaceutical Sciences, Beltola Guwahati Assam 781028 India

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Shashi Kant Singh of Associate Professor, Varanasi College of Pharmacy Varanasi Uttar Pradesh 221007 India

Title of invention:

A POLY-HERBAL DRUG AND A METHOD FOR FORMULATING FOR THE POLY-HERBAL DRUG FOR A TREATMENT OF DIABESITY

Name of inventor(s):

Shakya, Anshul; Sinha, Saurabh K.; Prasad, Satyendra K.; Laloo, Damiki; Dash, Biswajit; Garabadu, Debapriya; Shivavedi, Naveen and Singh, Shashi Kant

Term of Patent:

Eight years from 23 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.

COMMONWEALTH OF AUSTRALIA AUSTRALIA PATENT OFFICE

Dated this 1st day of December 2021

Commissioner of Patents

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: 2021106616

The Commissioner of Patents has granted the above patent on 1 December 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

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Saurabh K. Sinha of Assistant Professor, Deptt. of Pharmaceutical Sciences, Mohanlal Shukhadia University Udaipur Rajasthan 313001 India

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Damiki Laloo of Associate Professor, Department of Pharmacognosy, Girijananda Chowdhury Institute of Pharmaceutical Science Guwahati Assam 781017 India

Naveen Shivavedi of Assistant Professor, Shri Ram Group of Institutions, (Faculty of Pharmacy) Jabalpur Madhya Pradesh 482002 India

Title of invention:

A Poly-Herbal Drug Composition and a Method for a Formulation of the Poly-Herbal Drug, For a Treatment of a Cognitive Frailty

Name of inventor(s):

Shakya, Anshul; Sinha, Saurabh K.; Prasad, Satyendra K.; Meena, Mukesh Kumar; Chouhan, Mangilal; Chaudhary, Sushil K.; Laloo, Damiki and Shivavedi, Naveen

Term of Patent:

Eight years from 23 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.

COMMONWEALTH OF AUSTRALIA AUSTRALIA PATENT OFFICE

Dated this 1st day of December 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

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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

3.9 → Zoology

Office of the Controller General of Patents, Designs & Trademarks, Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Government of India

Intellectual Property India

Application Details

APPLICATION NUMBER	202131024688
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/06/2021
APPLICANT NAME	**1 . DR.JAGDISHKUMAR M RATHOD** **2 . DR.NIRBHAY CHAUBEY** **3 . KEYUR D. BHATT** **4 . DR. BINOD KUMAR** **5 . DR.LAYA S** **6 . DR.RENUKA SHARMA** **7 . DR.DEVENDRA KUMAR** **8 . DR.G.AROCKIA SAHAYA SHEELA** **9 . DR.SHAKEEL AHMED** **10 . RAM KRISHN MISHRA** **11 . TARUN KUMAR SHARMA**
TITLE OF INVENTION	A NOVEL AUTOMATED SECURITY MODEL FOR COVID-19
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	ramesh.panda.mech@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	03/06/2021
PUBLICATION DATE (U/S 11A)	09/07/2021

Application Status

APPLICATION STATUS	**Application Awaiting Examination**

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(19) INDIA
(22) Date of filing of Application :28/03/2020

(21) Application No.202011013639 A
(43) Publication Date : 01/05/2020 10:18:24

(54) Title of the invention : TOURISM AND HANDICRAFT INDUSTRY MANAGEMENT SYSTEM FOR RURAL PEOPLE

(51) International classification	:H02J0013000000, G06Q0030020000, G06Q0010060000, H02J0003140000, H02J0003000000
(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

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4)Mr. Ravindar Meena
5)Ms. Monika Jingar
6)Ms. Preeti Malani
7)Ms. Pooja Meena
8)Ms. Toshita Singh
9)Dr. S. Balamurugan
10)Dr. Manoj Gupta
11)Dr. Devendra Kumar
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6)Ms. Preeti Malani
7)Ms. Pooja Meena
8)Ms. Toshita Singh
9)Dr. S. Balamurugan
10)Dr. Manoj Gupta
11)Dr. Devendra Kumar
12)Dr. Jitendra Singh Rathore

(57) Abstract :
This modern world of technology is bludgeoning the traditional market with machine-made products; whereas, a handcrafted item is taking a backseat in everyone's book. While we talk about a machine-finished product, it takes an indigenous effort to craft a piece, shape or reshape it and master it carefully that finally results in unique art. In the past few years, the Indian handicraft has oozed the potential to be a market leader in export and also suffice the need to meet the growing international customer demand for historic and cultural art with new energy. In spite of being on the heavier side of such potential, the Indian handicraft industry has been underutilized by a great margin, revealing issues on the supply and demand side. This invention aims to develop a management system of craft production and marketing in rural India, also examines the reasons behind not realizing the potential in the Tourism and Handicraft industry in rural India.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2019

(21) Application No.201911053342 A
(43) Publication Date : 27/12/2019

(54) Title of the invention : ARTIFICIAL INTELLIGENCE BASED HEALTHCARE MODEL FOR SERVING RURAL PEOPLE IN INDIA

(51) International classification :F23N1/002
(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 :**
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2)Ravindar Meena
3)Priyanka Jingar
4)Dr.S.Balamurugan
5)Dr.Manoj Gupta
6)Dr. Devendra Kumar
(72)**Name of Inventor :**
1)Dr.Sachin Gupta
2)Ravindar Meena
3)Priyanka Jingar
4)Dr.S.Balamurugan
5)Dr.Manoj Gupta
6)Dr. Devendra Kumar

(57) Abstract :
With immense dissimilarities in healthcare distribution, there is significant lack of trained healthcare doctors, infrastructure, and with India being among the list of countriesâ€™ where the scope of innovation, sustainable & accessible healthcare technology is immense to improve the lives of people. Yet, in a country with 1.35 billion people, where many are now equipped with good internet connection and Smartphones, it is still difficult to name a handful of examples of digital knowledge that have significantly impacted healthcare results or been used broadly. This part describes the exceptional opportunities that the system suggests, the challenges which prevent small creativities from scaling up, defines some success stories, and brings up some upsetting trends around artificial intelligence (AI) and Indian healthcare. For India, it is authoritative to plan and develop technology that takes into account local restraints, among them affordability. There are many local and behavioral challenges in the Indian healthcare sector, but the cost is still a key driver. For it to flourish and make a modification at scale, new technology has to be priced for the country and developed to challenge its restraints, this is exactly what AI promises. If implemented correctly, AI boils down to redistributing scarce expert knowledge to a large number of beneficiaries by training algorithms machines to replicate this knowledge. A system is proposed to ensure healthcare for rural people in India using Artificial Intelligence.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2016

(21) Application No.201611011127 A
(43) Publication Date : 26/01/2018

(54) Title of the invention : CHOLINESTERASE INHIBITING COMPOUNDS, COMPOSITIONS AND PROCESS THEREOF

(51) International classification	:A61P 1/00
(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

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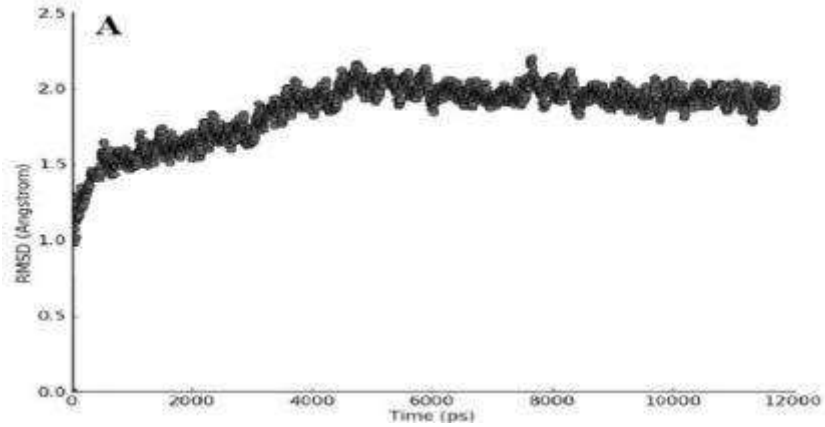
Address of Applicant :Block-2, 7 Floor, C.G.0. Complex, Lodi Road, New Delhi - 110003, India Delhi India
2)Indian Institute of Technology (Banaras Hindu University)
(72)**Name of Inventor :**
1)SHRIVASTAVA, Sushant K
2)SINHA, Saurabh K

(57) Abstract :
The present invention relates to cholinesterase inhibiting compounds, a composition containing said compounds, and process of producing the compounds and use thereof in Alzheimer™s disease.

Figure 1.



No. of Pages : 51 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2019

(21) Application No.201911048496 A
(43) Publication Date : 06/12/2019

(54) Title of the invention : INTELLIGENT MODEL FOR RAIN WATER HARVESTING

(51) International classification	:A01G 15/00 C02F 1/00 E03B 3/00	(71)**Name of Applicant :** **1)Dr.Sachin Gupta** Address of Applicant :Assistant Professor, Department of Business Administration, Mohanlal Sukhadia University, Udaipur Rajasthan, India-313001 Rajasthan India **2)Mr. Ravindar Meena** **3)Ms. Priyanka Jingar** **4)Dr.S.Balamurugan** **5)Dr.Manoj Gupta**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72)**Name of Inventor :** **1)Dr.Sachin Gupta** **2)Mr. Ravindar Meena** **3)Ms. Priyanka Jingar** **4)Dr.S.Balamurugan** **5)Dr.Manoj Gupta**
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :
Rajasthan has the countrys 10 per cent land mass but only 1.1 per cent surface water making it almost completely dependent on ground water which is fast depleting. Whats worse only 10 per cent of wells have water that is safe for drinking and 88 percent of Rajasthan water is saline, 55 per cent has very high fluoride. Rajasthan is one of those state which facing the most scarcity of drinking water or water for irrigation purpose. The state even in condition to all time high monsoon record of 1917 when an average rainfall of 1079.00mm was as per the data available with the water resource department, Rajasthan receive an average rainfall of 743.68mm but the questions still arise that with a plenty of water, why India is on the world™s most water stressed list. Hence, this situation leads to the question that what are the ways water can be conserve in proper manner. There are so many traditional methods followed with the help of some NGO™s and government scheme for water conservation in many parts of Rajasthan specially in trible area of southern part of state but some time due excess rainfall, the situation of flood arises and soil won™t easily consume the excess rainfall water. These are some major issues due to which water crises still remains the same for Rajasthan state. To overcome this situation, we are suggesting an intelligent method for water conservation according to the atmosphere of southern Rajasthan.

No. of Pages : 13 No. of Claims : 9

INTELLECTUAL PROPERTY **INDIA**
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

क्रमांक : 011118595
SL No :

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

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

पेटेंट सं. / Patent No.	:	325986
आवेदन सं. / Application No.	:	119/DEL/2012
फाइल करने की तारीख / Date of Filing	:	12/01/2012
पेटेंटी / Patentee	:	INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित REAL TIME DETECTION OF ENTEROCOCCI IN DAIRY FOODS USING SPORE GERMINATION BASED BIOASSAY नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 12th day of January 2012 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 REAL TIME DETECTION OF ENTEROCOCCI IN DAIRY FOODS USING SPORE GERMINATION BASED BIOASSAY as disclosed in the above mentioned application for the term of 20 years from the 12th day of January 2012 in accordance with the provisions of the Patents Act,1970.

THE PATENT OFFICE
GOVT.OF INDIA

अनुदान की तारीख :
Date of Grant : 27/11/2019

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, **12th day of January 2014**को और उसके पश्चात प्रत्येक वर्ष मे उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on **12th day of January 2014** and on the same day in every year thereafter.

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National Biodiversity Authority

राष्ट्रीय जैव विविधता प्राधिकरण

(Statutory body of Ministry of Environment, Forest and Climate Change, Government of India)

सत्यमेव जयते

Dr.Purvaja Ramachandran
Secretary

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5 वां तल, सीएसआईआर रोड, टाइसल बायो पार्क,
तरमणि, चेन्नई - 600113 तमिल नाडु, भारत.

NBA/Tech Appl/9/2357/18/19-20/1816 19.9.2019

To,
Prof.Kanika Sharma,
Professor &Head,Department of Botany,
Microbial Research Laboratory,
University College of Science,
Mohanlal Sukhadia University,
Udaipur,Rajasthan-313001

Madam,

Sub:Approval for applying for IPR as per Section 6 of the Biological DiversityAct, 2002 read with Rule 18 of the Biological Diversity Rules, 2004 - reg.

Ref:Your application in Form - III dated 05.11.2018.

With reference to your application cited in reference on the subject cited above to facilitate for the title of invention " A herbal formulation for the treatment of black scurf disease in plants" using biological resources "Sweet marjoram- Origanum majorana(Leaves) and *Rhizoctonia solani*(Microorganism)" has been approved by the National Biodiversity Authority subject to the conditions laid down in the agreement.

In this regard, I am enclosing herewith one mutually signed stamp paper Agreement executed between National Biodiversity Authority and the applicant for the applicant's reference and compliance. It is also to inform you that breach of the terms of agreement and provisions of the Biological Diversity Act, 2002 and Biological Diversity Rule, 2004 made thereunder will invite imposition of penalties as per Section 55, 56 & 57 of the Biological Diversity Act, 2002.

Please acknowledge receipt of this communication.

Yours faithfully,
Purvaja 19/9/2019
(Purvaja Ramachandran)
Secretary,NBA.

Encl:As above

3.4.3

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

क्रमांक : 011105192
SL No :

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

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

पेटेंट सं. / Patent No.	:	292836
आवेदन सं. / Application No.	:	3064/DEL/2010
फाइल करने की तारीख / Date of Filing	:	22/12/2010
पेटेंटी / Patentee	:	INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित "PROCESS OF PREPARING A SPORE INHIBITION BASED ENZYME SUBSTRATE ASSAY FOR MONITORING AFLATOXIN MI IN MILK" नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 22nd day of December 2010 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 PREPARING A SPORE INHIBITION BASED ENZYME SUBSTRATE ASSAY FOR MONITORING AFLATOXIN MI IN MILK" as disclosed in the above mentioned application for the term of 20 years from the 22nd day of December 2010 in accordance with the provisions of the Patents Act,1970.

पेटेंट कार्यालय THE PATENT OFFICE GOVT.OF INDIA भारत सरकार

अनुदान की तारीख : 13/02/2018
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 22nd day of December 2012को और उसके पश्चात प्रत्येक वर्ष मे उसी दिन देय होगी।
Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 22nd day of December 2012 and on the same day in every year thereafter.

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(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2016

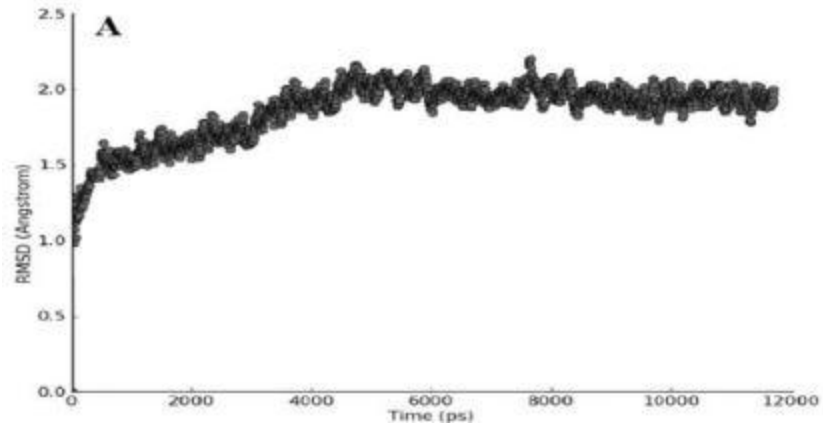
(21) Application No.201611011127 A
(43) Publication Date : 26/01/2018

(54) Title of the invention : CHOLINESTERASE INHIBITING COMPOUNDS, COMPOSITIONS AND PROCESS THEREOF

(51) International classification	:A61P 1/00	(71)**Name of Applicant :** **1)Department of Biotechnology** Address of Applicant :Block-2, 7 Floor, C.G.0. Complex, Lodi Road, New Delhi - 110003, India Delhi India **2)Indian Institute of Technology (Banaras Hindu University)**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :** **1)SHRIVASTAVA, Sushant K** **2)SINHA, Saurabh K**
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 :
The present invention relates to cholinesterase inhibiting compounds, a composition containing said compounds, and process of producing the compounds and use thereof in Alzheimer™s disease.

Figure 1.



No. of Pages : 51 No. of Claims : 7