P. E. SOCIETY'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE -44

Patents Published/ Granted:

	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Wtite name of college (Institute Affiliation/s at time of Application	Source of proof i.e. URL/website links, etc.
1	Vitthal vishram chopade Pravin shantaram uttekar	Development of norendoxifen-multi walled carbon nanotubes conjugate	Vitthal vishram chopade Pravin shantaram uttekar	03/04/2017	12/05/2017	19/2017 Published	PES Modern college of Pharmacy Nigdi	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/PatentDetails
2	Vitthal vishram chopade Pravin shantaram uttekar	Application of celite in liquisolid technique.	Vitthal vishram chopade Pravin shantaram uttekar	03/04/2017	05/05/2017	05/05/2017 Published	PES Modern college of Pharmacy Nigdi Pune	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/PatentDetails
3	Ms. Anuradha A. Ranpise, Mr. Mukesh P.Ratnaparkhi, Ms. Kadu S. Kisan	A Novel Modified Release Drug Delivery System and a Process for Preparing the Same	Ms. Anuradha A. Ranpise, Mr. Mukesh P.Ratnaparkhi, Ms. Kadu S. Kisan	26/07/2017	01/02/2019	201721026620 Published	PES Modern College of Pharmacy Nigdi Pune	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/Search

4	Mr. Mukesh P.Ratnaparkhi, Ms. Anuradha A. Ranpise Mr. Sharad B. Pawar, Ms. Shilpa T. Satpute	A novel solid carrier system and a process for preparing the same	Mr. Mukesh P.Ratnaparkhi, Ms. Anuradha A. Ranpise Mr. Sharad B. Pawar, Ms. Shilpa T. Satpute	26/07/2017	01/02/2019	201721026629 Published	PES Modern College of Pharmacy Nigdi Pune	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/Search
5	Usman M Rageeb, Khan Majid Shabbir, Patil Sunila A, Chaudhari Sheetal D	A method of preparation of aqueous and methanolic extract of Tamarindus Indica for Antimalarial activity.	Usman Mohammed Rageeb Mohammed	23/08/2021	12/09/2021	2021106602 Granted	Smt Sharadchandrika Suresh Patil College of Pharmacy, Chopda, Jalgaon , Maharashtra	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021106602
6	Dr. Mrs. Karimunnisa Sameer Shaikh,Dr. Praveen Digambar Chaudhari,Dr. Gajanan Ramakant Ekbote,	Humic acid based enteric formulations. Names of investigators	PES Modern College of Pharmacy Nigdi	09/01/2014	04/02/2021	357773 (Granted)	PES Modern College of Pharmacy Nigdi Pune	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/Search
7	Dr. Mrs. Karimunnisa Sameer Shaikh,Dr. Praveen Digambar Chaudhari,Dr. Gajanan Ramakant Ekbote,	A novel humic acid coated enteric formulation and a process for preparing the same	PES Modern College of Pharmacy Nigdi	09/01/2014	05/01/2021	355260 (Granted)	PES Modern College of Pharmacy Nigdi Pune	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/Search
8	Vitthal Copade Jayashri Chopade	Sensor operated stamping machine	Vitthal Copade Jayashri Chopade	08/08/2016	30/06/2021	370747 (Granted)	PES Modern college of Pharmacy Nigdi Pune	https://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

9	Jadhav shailaja Bhanudas Gaikwad Shweta Sunil Bandawane Deepti Dinesh	Quinazolinone incorporating sulphonamide derivatives	Jadhav shailaja Bhanudas Gaikwad Shweta Sunil Bandawane Deepti Dinesh	22/02/2021	28/06/2021	202121007357 A Published	PES Modern College of Pharmacy Nigdi Pune	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/Search

1. Development of norendoxifen-multi walled carbon nanotubes conjugate

2.Application of celite in liquisolid technique.

(12) PATENT APPLICATION PUBLICATION (21) Application No.201721011957 A

(19) INDIA

(22) Date of filing of Application :03/04/2017 (43) Publication Date : 12/05/2017

(54) Title of the invention : DEVELOPMENT OF NORENDOXIFEN-MULTI-WALLED CARBON NANOTUBES CONJUGATE.

(51) International classification :C08K3/04, H01L29/43
(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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(72)**Name of Inventor :**
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3)VALMIK NANA GITE

(57) Abstract :
Multi-Walled Carbon Nanotubes are unique, three dimensional sp2 hybridized carbon nanomaterial have attracted tremendous attention as valuable, promising, alternative safe and effective nano-architecture to biomedical applications due to their unique physicochemical properties such as biocompatibility, non-immunogenicity, high loading efficiency, high aspect ratio, structural flexibility, non-cytotoxic and non-biodegradable nature. Norendoxifen is a potent aromatase inhibitor and that it has good selectivity for aromatase versus other cytochrome P450 enzymes. The potent aromatase inhibitory activity together with the high binding affinity for both estrogen receptor (ER-a and ER-p) support the further utilization of norendoxifen as a lead compound for the development of possible dual aromatase inhibitors (AI)/ selective estrogen receptor modulator (SERM) agents. Conjugate comprise of Anticancer drug Norendoxifen, Multiwalled carbon nanotube, Polyoxyethylene bis(amine) and Estradiol valerate. It contains Estradiol valerate as targeting vector so it provides targeted anticancer drug delivery. Conjugate also provides prolongs blood circulation time because of Polyoxyethylene bis(amine) it contains which prevents phagocytosis of conjugate. Multiwalled carbon nanotube fragments looks like needle like structure gives porocity to cancer cell and exhibit good translocation of drug inside the cancer cell.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION (21) Application No.201721011956 A

(19) INDIA

(22) Date of filing of Application :03/04/2017 (43) Publication Date : 05/05/2017

(54) Title of the invention : APPLICATION OF CELITE IN LIQUISOLID TECHNIQUE.

(51) International classification :A61K47/04, A61J3/10,
(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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(72)**Name of Inventor :**
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3)SANJAY BALARAM TAKATE

(57) Abstract :
The Liquisolid technique with Celite is a novel and capable addition towards such an aims for solubility enhancement and dissolution improvement, thereby it increases the bioavailability. It contains liquid medications in powdered form. This technique is an efficient method for formulating water insoluble and water soluble drugs. This technique is based upon the admixture of drug loaded solutions with appropriate carrier and coating materials. The molecular dispersion of drug in the formulation and leads to enhance solubility. By using hydrophobic carriers (non-volatile solvents) one can modify release (sustained release) of drugs by this technique. Liquisolid system is characterized by flow behavior, wettability, powder bed hydrophilicity, saturation solubility, drug content, differential scanning calorimetry, Fourier transform infra red spectroscopy, powder X-ray diffraction, scanning electron microscopy, in-vitro release and in-vivo evaluation. By using this technique, solubility and dissolution rate can be improved, sustained drug delivery systems be developed for the drugs.

No. of Pages : 10 No. of Claims : 4

3.A Novel Modified Release Drug Delivery System and a Process for Preparing the Same

inPASS Indian Patent Advanced Search System (http://ipindia.nic.in/index.htm) INTELLECTUAL PROPERTY INDIA (http://ipindia.nic.in/index.htm)

Patent Search

Invention Title	A NOVEL MODIFIED RELEASE DRUG DELIVERY SYSTEM AND A PROCESS FOR PREPARING THE SAME
Publication Number	05/2019
Publication Date	01/02/2019
Publication Type	INA
Application Number	201721026620
Application Filing Date	26/07/2017
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	PHARMACEUTICALS
Classification (IPC)	A61K 9/00 A61K 31/00

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MR. MUKESH PANDURANG RATNAPARKHI	Marathwada Mitra Mandal's College of Pharmacy, Sr. No. 47/7, Sector No.34, PCNTDA, Thergaon, Pune-411033	India	India
MS. KADU SHITAL KISAN	Marathwada Mitra Mandal's College of Pharmacy, Sr. No. 47/7, Sector No.34, PCNTDA, Thergaon, Pune-411033	India	India

Applicant

Name	Address	Country	Nationality
DR. MANOHAR JANARDHAN PATIL	Marathwada Mitra Mandal's College of Pharmacy, Sr. No. 47/7, Sector No.34, PCNTDA, Thergaon, Pune-411033	India	India

4. A novel solid carrier system and a process for preparing the same

inPASS Indian Patent Advanced Search System (http://ipindia.nic.in/index.htm) INTELLECTUAL PROPERTY INDIA (http://ipindia.nic.in/index.htm)

Patent Search

Invention Title	A NOVEL SOLID CARRIER SYSTEM AND A PROCESS FOR PREPARING THE SAME
Publication Number	05/2019
Publication Date	01/02/2019
Publication Type	INA
Application Number	201721026629
Application Filing Date	26/07/2017
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	PHARMACEUTICALS
Classification (IPC)	A61K 9/00

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MR SHARAD BABUJI PAWAR	Marathwada Mitra Mandal's College of Pharmacy, Sr. No. 47/7, Sector No.34, PCNTDA, Thergaon, Pune-411033	India	India
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Applicant

5. A method of preparation of aqueous and methanolic extract of Tamarindus Indica for Antimalarial activity.

Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2021106602

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

Name and address of patentee(s):

Mohammed Rageeb Mohammed Usman of Associate Prof., Smt. Sharadchandrika, Suresh Patil College of Pharmacy Chopda, Jalgaon Maharashtra 425107 India

Title of invention:

A METHOD OF PREPARATION OF AQUEOUS AND METHANOLIC EXTRACT OF TAMARINDUS INDICA FOR ANTIMALARIAL ACTIVITY

Name of inventor(s):

Usman, Mohammed Rageeb Mohammed; Khan, Majid Shabbir; Patil, Sunila Atul and Chaudhari, Sheetal Dhiraj

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.

6. Humic acid based enteric formulations.

INTELLECTUAL PROPERTY INDIA

GOVERNMENT OF INDIA

THE PATENT OFFICE

PATENT CERTIFICATE

Patent No. : 365260

Application No. : 79/MUM/2014

Date of Filing : 09/01/2014

Patentee : P.E SOCIETY'S MODERN COLLEGE OF PHARMACY

It is hereby certified that a patent has been granted to the patentee for an invention entitled A NOVEL HUMIC ACID COATED ENTERIC FORMULATION AND A PROCESS FOR PREPARING THE SAME as disclosed in the above mentioned application for the term of 20 years from the 9th day of January 2014 in accordance with the provisions of the Patents Act, 1970.

7. A novel humic acid coated enteric formulation and a process for preparing the same

INTELLECTUAL PROPERTY INDIA

GOVERNMENT OF INDIA
THE PATENT OFFICE
PATENT CERTIFICATE

पेटेंट सं. / Patent No.	:	357773
आवेदन सं. / Application No.	:	77/MUM/2014
फाइल करने की तारीख / Date of Filing	:	09/01/2014
पेटेंटी / Patentee	:	P.E SOCIETY'S MODERN COLLEGE OF PHARMACY

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में उपाबन्धित HUMIC ACID BASED ENTERIC FORMULATIONS नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७०- के उपबंधों के अनुसार आज तारीख 9th day of January 2014 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled HUMIC ACID BASED ENTERIC FORMULATIONS as disclosed in the above mentioned application for the term of 20 years from the 9th day of January 2014 in accordance with the provisions of the Patents Act,1970.

Date of Grant : 04/03/2021

Controller of Patents

Note. - The fees for renewal of this patent, if it is to be maintained will fall/has fallen due on 9th day of January 2018 and on the same day in every year thereafter.

8. Sensor operated stamping machine

INTELLECTUAL PROPERTY INDIA

GOVERNMENT OF INDIA
THE PATENT OFFICE
PATENT CERTIFICATE

It is hereby certified that a patent has been granted to the patentee for an invention entitled SENSOR OPERATED AUTOMATIC INK STAMPING MACHINE as disclosed in the above mentioned application for the term of 20 years from the 8th day of August 2016 in accordance with the provisions of the Patents Act,1970.

9. Quinazolinone incorporating sulphonamide derivatives

26

(12) PATENT APPLICATION PUBLICATION (21) Application No.202121007557 A
(19) INDIA
(22) Date of filing of Application :22/02/2021 (43) Publication Date : 25/06/2021

(54) Title of the invention : QUINAZOLINONE INCORPORATING SULPHONAMIDE DERIVATIVES

(51) International classification	:C07D239/91(2006.01), C07D405/12(2006.01), C07D401/12(2006.01), C07D403/12(2006.01), A61K045/06(2006.01)	(71)Name of Applicant : 1)Jadhav Shailaja Bhanudas Address of Applicant :Palaash , Plot-122, Sector-20, (Near BIG India building), PCNTDA, Nigdi, Pune 411044, Maharashtra India 2)Gaikwad Shweta Sunil 3)Bansalwane Deepti Dinesh
(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)Jadhav Shailaja Bhanudas 2)Gaikwad Shweta Sunil 3)Bansalwane Deepti Dinesh
(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 :
The invention relates to a novel quinazolinone incorporating sulphonamide derivatives (Formula I) as novel antidiabetic agents and further synthesis, and biological investigation thereof. The preparation method of quinazolinone incorporating sulphonamide derivatives is also disclosed. Further, the quinazolinone incorporating sulphonamide derivatives have antidiabetic activity.

No. of Pages : 27 No. of Claims : 9