



Rayat Shikshan Sanstha's
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur,
Dist-Ratnagiri, 416 702 (MH)

Affiliated to University of Mumbai, Mumbai

Reaccredited with B⁺ grade by NAAC/ Best college Award by University of Mumbai, Mumbai

Patents Information 2023-24

Sr. No..	Name of the Teacher	Title of the Patent	Date of Patent Published	Remark
1.	Dr. Akolkar H. N.	SUBSTITUTED BENZOFURAN COMPOUNDS AS ANTIBACTERIAL AGENT	24/01/2024	Granted
2.	Dr. Akolkar H. N.	SUBSTITUTED 1, 2, 3 TRIAZOLE COMPOUNDS AS ANTIOXIDANT AGENT	09/10/2023	Granted
3.	Dr. Akolkar H. N.	PYRAZOLYL COMPOUNDS AS ANTI-MALARIAL AGENTS	06/11/2023	Granted
4.	Dr. Bhave A. V, Dr. Pawar G. G., Ms. Solkar N. A. R., Ms. Talawadekar P. S.	INVESTIGATING THE IMPACT OF COMMERCE ON RESEARCH METHODOLOGY IN TODAY'S	15/09/2023	Published
5.	Dr. Akolkar H. N.	Novel 1,2,4-Triazole-3-thiones derivatives	05/04/2024	Published
6.	Dr. Akolkar H. N.	An improved process for the preparation of 1,2,4-Triazole-3-thiones	05/04/2024	Published



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

पेटेंट प्रमाणपत्र के लिए अनुलग्नक/Annexure to Patent Certificate

पेटेंट सं. / Patent No.

503070

आवेदन सं. / Application No.

202321028067

फाइल करने की तारीख / Date of Filing

17/04/2023

पेटेंटी / Patentee (जारी/Continued)

5.Dr. Vijay Khedkar 6.Dr. Keshav K. Deshmukh 7.Mr. Ganesh Bhangare 8.Mr. Sandesh D. Kasar



INTELLECTUAL
PROPERTY INDIA
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सत्यमेव जयते



पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

पेटेंट प्रमाण पत्र

Patent Certificate

(पेटेंट नियमावली का नियम 74)

(Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No.

457709

आवेदन सं. / Application No.

202221061719

फाइल करने की तारीख / Date of Filing

29/10/2022

पेटेंटी / Patentee

1. Dr. Hemantkumar Navnath Akolkar 2. Mr. Ramesh A. Kawale
3. Dr. Mubarak Hanif Shaikh 4. Dr. Vijay Kheekar

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित **SUBSTITUTED 1, 2, 3 TRIAZOLE COMPOUNDS AS ANTI-OXIDANT AGENT** नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अक्टूबर 2022 के उन्नीसवें 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 **SUBSTITUTED 1, 2, 3 TRIAZOLE COMPOUNDS AS ANTI-OXIDANT AGENT** as disclosed in the above mentioned application for the term of 20 years from the 29th day of October 2022 in accordance with the provisions of the Patents Act, 1970.

अनुदान की तारीख

09/10/2023

Date of Grant :

पेटेंट नियंत्रक

Controller of Patents

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, अक्टूबर 2024 के उन्नीसवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 29th day of October 2024 and on the same day in every year thereafter.

*चूंकि पेटेंटी व आविष्कारकों की संख्या अधिक है, पेटेंटी व आविष्कारकों के नाम पृष्ठ संख्या 2 पर जारी हैं।

*Since the Number of Patentees / Inventors is more, the name of Patentees / Inventors are continued on Page No. 2



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GEOGRAPHICAL INDICATIONS

पेटेंट प्रमाणपत्र के लिए अनुलग्नक/Annexure to Patent Certificate

पेटेंट सं. / Patent No.

457709

आवेदन सं. / Application No.

202221061719

फाइल करने की तारीख / Date of Filing

29/10/2022

पेटेंटी / Patentee (जारी/Continued)

5.Ms. Nirmala Ramdas Darekar 6.Dr. Dipak N. Raut 7.Dr. Sharad Narayan Shelke 8.Mr. Jaidip B. Wable



पेटेंट कार्यालय, भारत सरकार | **The Patent Office, Government Of India**
पेटेंट प्रमाण पत्र | **Patent Certificate**

(पेटेंट नियमावली का नियम 74) | (Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No. 466308

आवेदन सं. / Application No. 202021019716

फाइल करने की तारीख / Date of Filing 09/05/2020

पेटेंटी / Patentee : Rayat Shikshan Sanstha's Radhabai Kale Mahila Mahavidyalaya

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित **PYRAZOLYL COMPOUNDS AS ANTI-MALARIAL AGENTS** नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख मई 2020 के नौवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled **PYRAZOLYL COMPOUNDS AS ANTI-MALARIAL AGENTS** as disclosed in the above mentioned application for the term of 20 years from the 9th day of May 2020 in accordance with the provisions of the Patents Act, 1970.



(Signature)

अनुदान की तारीख : 06/11/2023
 Date of Grant : 06/11/2023
 पेटेंट नियंत्रक
 Controller of Patents

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, मई 2022 के नौवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 9th day of May 2022 and on the same day in every year thereafter.

FORM 5
THE PATENTS ACT, 1970
(39 of 1970)
&
The Patents Rules, 2003
DECLARATION AS TO INVENTORSHIP
[See section 10(6) and rule 13(6)]

1. NAME OF APPLICANT (S)	Rayat Shikshan Sanstha's Radhabai Kale Mahila Mahavidyalaya
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hereby declare that the true and first inventor(s) of the invention disclosed in the complete specification filed in pursuance of my /our application numbered 202021019716 dated 9th May 2020 is/are

2. INVENTOR (S)

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Dated this 9th day of May 2020

Signature:



Name of the signatory: - Dr. Bhausaheb Kisan Karale,

3. DECLARATION TO BE GIVEN WHEN THE APPLICATION IN INDIA IS FILED BY THE APPLICANT(S) IN THE CONVENTION COUNTRY:-

~~We the applicant(s) in the convention country hereby declare that our right to apply for a patent in India is by way of assignment from the true and first inventor(s).~~

~~Dated this day of 20~~

~~Signature:-~~

~~Name of the signatory:-~~

4. STATEMENT (to be signed by the additional inventor(s) not mentioned in the application form)

~~We assent to the invention referred to in the above declaration, being included in the complete specification filed in pursuance of the stated application.~~

~~Dated this day of 20~~

~~Signature of the additional inventor(s):-~~

~~Name:-~~

To, The Controller of Patent

The Patent Office, at Mumbai

(54) Title of the invention : INVESTIGATING THE IMPACT OF COMMERCE ON RESEARCH METHODOLOGY IN TODAY'S WORLD

(51) International classification :G06Q0030020000, G06Q0030060000, G06Q0010100000,
H04L0067500000, H04L0067020000
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to :NA
Application Number :NA
Filing Date :NA
(62) Divisional to Application :NA
Number :NA
Filing Date :NA

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(57) Abstract :

Investigating the impact of Commerce on Research Methodology in Today's World ABSTRACT: Visitor interaction with e-commerce websites generates large amounts of clickstream data stored in web access logs. From a business standpoint, clickstream data can be used as a means of finding information on user interest. In this paper, the authors propose a method to find user interest in products offered on e-commerce websites based on web usage mining of clickstream data. In this study, user interest was investigated using the PIE approach coupled with clustering and classification techniques. The experimental results showed that the method is able to assist in analyzing visitor behavior and user interest in e-commerce products by identifying those products that prompt visitor interest. Visitor interaction with e-commerce websites generates large amounts of clickstream data stored in web access logs. From a business standpoint, clickstream data can be used as a means of finding information on user interest. In this paper, the authors propose a method to find user interest in products offered on e-commerce websites based on web usage mining of clickstream data. In this study, user interest was investigated using the PIE approach coupled with clustering and classification techniques. The experimental results showed that the method is able to assist in analyzing visitor behavior and user interest in e-commerce products by identifying those products that prompt visitor interest. The aforementioned research study investigates the effects that the rise of electronic commerce has had on the business world. The Management Information Systems, Finance and Accounting, Marketing, and Computer Sciences of E-Commerce on Business were all featured in the test pender. The management of a company's operations through the use of the internet is referred to as web-based business. Even though it is still a relatively novel concept, it has the potential to revolutionize the way traditional financial transactions are conducted. At the present time, it exerts control over broad markets, for example, communications, banking, and retail trade, and it holds guarantees in sectors like education, healthcare, and the government. The most significant effects may not be associated with the majority of the impacts that get the most attention, but rather with affects that are less obvious but potentially more inevitable for normal business activities. A renaissance marketing capacity will be added to the coordination of electronic commerce and business activities. Because it provides opportunities to get closer to the customer, to bring the customer inside the business, to study new product ideas and pretest them against genuine customers, and so on.

No. of Pages : 12 No. of Claims : 6

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(19) INDIA

(22) Date of filing of Application :12/02/2024

(43) Publication Date : 05/04/2024

(54) Title of the invention : NOVEL 1, 2, 4-TRIAZOLE-3-THIONES DERIVATIVES

(51) International classification :A01N43/647, A01N43/653, A61K31/4192, A61K31/4196, C07D249/04, C07D249/08
(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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(57) Abstract :

NOVEL 1, 2, 4-TRIAZOLE-3-THIONES DERIVATIVES The present invention relates to novel derivatives of 1, 2, 4-triazole-3-thiones or pharmaceutically acceptable salts, solvate, enantiomer, diastereomer or analogues thereof, represented by compounds of Formula (3a-c) or Formula (5a-d) (as described herein). The novel 1, 2, 4-triazole-3-thiones derivatives are further to be utilized as active pharmaceutical ingredient or for the synthesis of active pharmaceutical ingredients that shows effective biological activity such as antiviral, antiallergic, anticancer, anti-retroviral (HIV), antimicrobial activities against Gram-positive bacteria and β 3-adrenergic receptor agonist.

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

4) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF 1, 2, 4-TRIAZOLE-3-THIONES DERIVATIVES

1) International Classification :A01N43/647, A01N43/653, A61K31/4192, A61K31/4196, C07D249/04, C07D249/08
 5) International Application No :NA
 Filing Date :NA
 7) International Publication No : NA
 1) Patent of Addition to Application Number :NA
 Filing Date :NA
 2) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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4)MULIK ABHIJEET
5)AKOLKAR HEMANTKUMAR
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7)NIGHUTE SANDIP
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7) Abstract :
 The present invention relates to an improved process for the preparation of 1, 2, 4-triazole-3-thiones derivative compounds of Formula (3a-j) or formula (5a-j) (as described herein) and pharmaceutically acceptable salts thereof, wherein the process comprises cyclo-condensation reaction of semicarbazide compound of Formula (1) (as described herein) with respective aldehyde compound of Formula (2) or ketone compound of formula (4) in the presence of ionic liquid [H2-TMDP] [HPO4] in an solvent selected from mixture of (alcoholic solvent : water) at room temperature.

No. of Pages : 30 No. of Claims : 8