# पेटेंट कार्यालय
# शासकीय जर्नल

# OFFICIAL JOURNAL
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(54) Title of the invention : A PROCESS FOR PREPARING NON-COSURFACTANT BASED IMMEDIATE RELEASE TOPICAL FORMULATION OF A POORLY SOLUBLE NON-STEROIDAL ANTI-INFLAMMATORY DRUG•

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**4)MANGESH ANIL BHUTKAR**
**5)PRAKASH MARUTI SOMADE**

(57) Abstract :
Disclosed is a process for preparing non-cosurfactant based immediate release stable topical formulation of a poorly soluble non-steroidal anti-inflammatory drug in which the topical formulation comprises of diclofenac sodium in an amount of 1.92% by weight; arachis oil in an amount of 1.0% by weight; polyethylene sorbitol ester in an amount of 1.0 by weight; cetostrearyl alcohol in an amount of 5.0% by weight; methyl paraben in an amount of 0.1% by weight; propyl paraben in an amount of 0.05% by weight; and water in quantity sufficient (Figure 1).

No. of Pages : 28 No. of Claims : 16

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

क्रमांक : 022116896
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. | : | 390130 |
| आवेदन सं. / Application No. | : | 202121006207 |
| फाइल करने की तारीख / Date of Filing | : | 15/02/2021 |
| पेटेंटी / Patentee | : | PRATIK PRAKASH SOMADE |

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित "A PROCESS FOR PREPARING NON-COSURFACTANT BASED IMMEDIATE RELEASE TOPICAL FORMULATION OF A POORLY SOLUBLE NON-STEROIDAL ANTI-INFLAMMATORY DRUG" नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 15th day of February 2021 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled "A PROCESS FOR PREPARING NON-COSURFACTANT BASED IMMEDIATE RELEASE TOPICAL FORMULATION OF A POORLY SOLUBLE NON-STEROIDAL ANTI-INFLAMMATORY DRUG" as disclosed in the above mentioned application for the term of 20 years from the 15th day of February 2021 in accordance with the provisions of the Patents Act,1970.

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

एकस्य कार्यालय THE PATENT OFFICE GOVT. OF INDIA भारत सरकार

अनुदान की तारीख : 23/02/2022
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, **15th day of February 2023** 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 15th day of February 2023 and on the same day in every year thereafter.

**FORM 1**
**THE PATENTS ACT, 1970**
**(39 of 1970)**
**&**
**THE PATENTS RULES, 2003**
**APPLICATION FOR GRANT OF PATENT**
**[See sections 7,54 & 135 and rule 20(1)]**

**(FOR OFFICE USE ONLY)**

**Application No.: .....**
**Filing Date: .....**
**Amount of Fee Paid: .....**
**CBR No.: .....**
**Signature: .....**

**1. APPLICANT(S):**

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**3. TITLE OF THE INVENTION: "A PROCESS FOR PREPARING NON-COSURFACTANT BASED IMMEDIATE RELEASE TOPICAL FORMULATION OF A POORLY SOLUBLE NON-STEROIDAL ANTI-INFLAMMATORY DRUG"**

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**5. PRIORITY PARTICULARS OF THE APPLICATION(S) FILED IN CONVENTION COUNTRY:**

| Sr.No. | Country | Application Number | Filing Date | Name of the Applicant | Tilte of the Invention |
|---|---|---|---|---|---|

**6. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION:**

| International Application Number | International Filing Date as Allotted by the Receiving Office |
|---|---|
| PCT// | |

**7. PARTICULARS FOR FILING DIVISIONAL APPLICATION**

| Original (first) Application Number | Date of Filing of Original (first) Application |
|---|---|

**8. PARTICULARS FOR FILING PATENT OF ADDITION:**

| Main Application / Patent Number: | Date of Filing of Main Application |
|---|---|

**9. DECLARATIONS:**

**(i) Declaration by the inventor(s)**

I/We ,PRATIK PRAKASH SOMADE,PRAMOD ANIL PATIL ,ATUL RAMCHANDRA CHOPADE,MANGESH ANIL BHUTKAR,PRAKASH MARUTI SOMADE, is/are the true & first inventor(s) for this invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) of the inventor(s): .....

(c) Name(s): PRATIK PRAKASH SOMADE,PRAMOD ANIL PATIL ,ATUL RAMCHANDRA CHOPADE,MANGESH ANIL BHUTKAR,PRAKASH MARUTI SOMADE

**(ii) Declaration by the applicant(s) in the convention country**

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) : .....

(c) Name(s) of the singnatory: PRATIK PRAKASH SOMADE

**(iii) Declaration by the applicant(s)**

- **The Complete specification relationg to the invention is filed with this application.**
- **I am/We are, in the possession of the above mentioned invention.**
- **There is no lawful ground of objection to the grant of the Patent to me/us.**

10. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION:

| Sr. | Document Description | FileName |
|---|---|---|

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters stated hering are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this(Final Payment Date): ----------

Signature: .....

Name: ARGHYA ASHIS ROY

To The Controller of Patents

The Patent office at MUMBAI

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