



**PATENT AND
TRADEMARK
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COMMITTED TO PROTECTING INNOVATIONS

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Origin: H.O.

The Controller of Patents
The Patent Office
Chennai

29th August, 2023

Dear Sir,

**Re: New Patent Application in the name of JSS College of Pharmacy, JSS
Academy of Higher Education & Research, Mysuru, Sri Shivarathreshwara
Nagara Mysuru – 570 015 Karnataka INDIA**

**Title: - "Benzoxazole/ Benzothiazole linked 2, 3- substituted thiazolidine-4-ones as Novel
LPA₁ receptor inhibitors for breast cancer therapy"**

In connection with the above application we submit the following documents:

1. Complete Specification (Form-2)
2. Informal Application Form 1
3. Form 3
4. Form 5
5. Formal Drawings

Fee for Rs.4800/- is sent herewith

Yours faithfully,

Encl: as above

**Jayasree K
Reg. No. IN/PA-841
Of L.S. DAVAR & CO.
APPLICANT'S AGENT**

JK/mds

The applicants/agents are requested to submit the following information of their new application (PCT & Normal both) in the given format for easing the digitization work

1. Title of the invention: "**Benzoxazole/ Benzothiazole linked 2, 3- substituted thiazolidine-4-ones as Novel LPA₁ receptor inhibitors for breast cancer therapy**"
2. Address of the Applicant: **JSS College of Pharmacy, JSS Academy of Higher Education & Research, Mysuru Sri Shivarathreeshwara Nagara Mysuru – 570 015 Karnataka INDIA**
3. Application type : **PATENT**
4. PCT application no.: NIL
5. Schedule Entry No.: NIL
6. Type of Applicant: Natural Person/other than Natural Person (Company/Legal Entity)/ **Educational Institution**
7. Type of Application: **Ordinary**/PCT/Conventional/Division/ Patent of Addition/Miscellaneous
8. No. of Priorities:
9. Mode of Payment : **Full**/Part
10. Type of Specification: Provisional/ **Complete**
11. Total No. of specification pages: 34
12. Total No. of claim: 12
13. Total No. of claims pages: 03
14. Total No. of Abstract pages 01
15. Total No. of drawing pages: 08
16. Total no. of figures: 14
17. Agent name: L. S. DAVAR & CO.
18. Address: Globsyn Crystals,Tower 1,2nd Floor,Block EP,Plot No. 11 & 12,Salt Lake Sector V, Kolkata – 700 091, India
19. Payment mode: DD/Cheque/ Cash
20. Drawee Bank:
21. DD/Cheque No.:
22. Amount: 4800/-
23. Date: **4th September, 2023**

JK/mds

| | | | | | | | |
|---|---------------------------|---------------------------|---------------------------|---|--------------------------------|-----------|--|
| “FORM 1 THE PATENTS ACT 1970 (39 of 1970) and THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT (See section 7, 54 and 135 and sub-rule (1) of rule 20) | | | | (FOR OFFICE USE ONLY) | | | |
| | | | | Application No. | | | |
| | | | | Filing date: | | | |
| | | | | Amount of Fee | | | |
| | | | | paid: | | | |
| | | | | CBR No: | | | |
| | | | | Signature: | | | |
| 1. APPLICANT’S REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE) | | | | | | | |
| 2. TYPE OF APPLICATION *Please tick (√) at the appropriate category+ | | | | | | | |
| Ordinary (√) | | | Convention () | | | PCT-NP () | |
| Divisional () | Patent of Addition () | Divisional () | Patent of Addition () | Divisional () | Patent of Addition () | | |
| 3A. APPLICANT(S) | | | | | | | |
| Name in Full | | Nationality | Country of Residence | Address of the Applicant | | | |
| JSS College of Pharmacy, JSS Academy of Higher Education & Research, Mysuru | | Indian | India | Sri Shivarathreshwara Nagara Mysuru – 570 015 Karnataka INDIA | | | |
| 3B. CATEGORY OF APPLICANT [Please tick (√) at the appropriate category] | | | | | | | |
| Natural Person () | | Other than Natural Person | | | | | |
| | | Small Entity () | Startup () | Others () | Educational Institution (√) | | |
| 4. INVENTOR(S) [Please tick (√) at the appropriate category] | | | | | | | |
| Are all the inventor(s) same as the applicant(s) named above? | | Yes () | | | No (√) | | |
| If “No”, furnish the details of the inventor(s) | | | | | | | |
| Name of Inventor(s) | | Nationality | Country of Residence | Address of the Inventor | | | |
| 1. Meduri Bhagyalalitha | | Indian | India | JSS College of Pharmacy, JSS Academy of Higher Education & Research, Sri Shivarathreshwara | | | |

| | | | |
|---|---------------|------------------|---|
| | | | Nagara Mysuru – 570 015 Karnataka, INDIA |
| 2. Gurubasavaraj Veeranna Pujar | Indian | India | JSS College of Pharmacy, JSS Academy of Higher Education & Research, Sri Shivarathreeshwara Nagara Mysuru – 570 015 Karnataka, INDIA |
| 3. Akshatha Handattu Shankaranarayana | Indian | India | JSS College of Pharmacy, JSS Academy of Higher Education & Research, Sri Shivarathreeshwara Nagara Mysuru – 570 015 Karnataka, INDIA |
| 5. TITLE OF THE INVENTION “Benzoxazole/ Benzothiazole linked 2, 3- substituted thiazolidine-4-ones as Novel LPA₁ receptor inhibitors for breast cancer therapy” | | | |
| 6. AUTHORISED REGISTERED PATENT AGENT(S) | | IN/PA No. | 2189, 1649, 3929, 1273, 3328, 1159, 2666, 841, 1430, 1752, 3456, 2668, 2703, 4137, 3487, 2490, 4931, 3162, 3061, 4036 |
| | | Name | AMIT JAIN, RAHUL SHARMA, SONAL MISHRA, CHANDAN MUKHERJEE, AYUSH SRIVASTAVA, SOMA RANI MISHRA, SUJATA DEY, JAYASREE K., RASHMI GUPTA, SUMAN LATA PRASAD, AASTHA SHARMA, ANTRIKSH MISHRA, YOGESH, CHARU MUNAKHIYA, VARTIKA SRIVASTAVA, SHUBHOJEET GHOSH, PAHUL PREET SINGH, UJJWAL ANAND, VIKAS |

| | | |
|---|----------------|---|
| | | GARG, CHIRAG BANSAL |
| | Mobile No. | 9899090229/7044088580 |
| 7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA | Name | L. S. DAVAR & CO., |
| | Postal Address | Patent and Trademarks Attorney, Globsyn Crystals, Tower 1, 2nd Floor, Block EP, Plot No. 11 & 12, Saltlake, Sector V, Kolkata 700 091 |
| | Telephone No. | (033) 2357-1010, 2357-1012, 2357-1015 |
| | Mobile No. | 9899090229/7044088580 |
| | Fax No. | (033) 2357-1018, 2357-1019 |
| | E-mail ID | E-mail: docketing@Lsdavar.in mailinfo@Lsdavar.in kolkatapatent@Lsdavar.in |

8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION

| Country | Application Number | Filing date | Name of the applicant | Title of the invention | IPC (as classified in the convention country) |
|---------|--------------------|-------------|-----------------------|------------------------|---|
| NIL | NIL | NIL | NIL | NIL | |

9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FILED UNDER PATENT CO-OPERATION TREATY (PCT)

| | |
|----------------------------------|---------------------------|
| International application number | International filing date |
| NIL | NIL |

10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION

| | |
|----------------------------------|--|
| Original (first) application No. | Date of filing of original (first) application |
| NA | NA |

11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT

| | |
|--------------------------------|------------------------------------|
| Main application/patent No. NA | Date of filing of main application |
|--------------------------------|------------------------------------|

12. DECLARATIONS

(i) Declaration by the inventor(s)

(In case the applicant is an assignee: the inventor(s) may sign herein below or the applicant may upload the assignment or enclose the assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period).

I/We, the above named inventor(s) 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.

| S. No. | Name | Signature | Date |
|--------|---|-----------|------|
| 1. | Meduri Bhagyalalitha | | |
| 2. | Gurubasavaraj Veeranna Pujar | | |
| 3. | Akshatha Handattu Shankaranarayana | | |

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

~~(In case the applicant in India is different than the applicant in the convention country: the applicant in the convention country may sign herein below or applicant in India may upload the assignment from the applicant in the convention country or enclose the said assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period)~~

~~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 signatory:~~

(iii) Declaration by the applicant(s)

~~I/We the applicant(s) hereby declare(s) that: -~~

~~(√) I am/ We are in possession of the above-mentioned invention.~~

~~(√) The **provisional/complete** specification relating to the invention is filed with this application.~~

~~(×) The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by me/us before the grant of patent to me/us.~~

~~(√) There is no lawful ground of objection(s) to the grant of the Patent to me/us.~~

~~(√) I am/we are the true & first inventor(s).~~

~~(√) I am/we are the assignee or legal representative of true & first inventor(s).~~

~~(×) The application or each of the applications, particulars of which are given in Paragraph 8, was the first application in convention country/countries in respect of my/our invention(s).~~

~~(×) I/We claim the priority from the above mentioned application(s) filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me/us or by any person from which I/We derive the title.~~

~~(×) My/our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph 9.~~

~~(×) The application is divided out of my /our application particulars of which is given in Paragraph 10 and pray that this application may be treated as deemed to have been filed on DD/MM/YYYY under section 16 of the Act.~~

~~(×) The said invention is an improvement in or modification of the invention particulars of which are given in Paragraph 11.~~

13. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION

(a) Form 2

| Item | Details | Fee | Remarks |
|---|---|-----|---------|
| Complete/provisional specification)# | No. of pages: -- 33 | | |
| No. of Claim(s) | No. of claims: -- 12 No. of pages: -- 03 | | |
| Abstract | No. of pages: -- 01 | | |
| No. of Drawing(s) | No. of drawings: -- 14 No. of pages: -- 08 | | |
| Sequence Listing | No. of Pages:-- 01 | | |

In case of a complete specification, if the applicant desires to adopt the drawings filed with his provisional specification as the drawings or part of the drawings for the complete specification under rule 13(4), the number of such pages filed with the provisional specification are required to be mentioned here.

~~(√) Complete specification (in conformation with the international application)/as amended before the~~

~~International Preliminary Examination Authority (IPEA), as applicable (2 copies).~~

~~(c) Sequence listing in electronic form~~

~~√(d) Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).~~

(e) Priority document(s) or a request to retrieve the priority document(s) from DAS (Digital Access Service) if the applicant had already requested the office of first filing to make the priority document(s) available to DAS.

(f) Translation of priority document/Specification/International Search Report/International Preliminary Report on Patentability.

√(g) Statement and Undertaking on Form 3

√(h) Declaration of Inventorship on Form 5

(i) Power of Authority/G.P.A.

(j).....

Total fee Rs.4800/- paid online.

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

Dated this 04th day of September 2023



Jayasree K
IN/PA-841
Applicant's Agent
L.S.Davar & Co.

To,
The Controller of Patents
The Patent Office, at Chennai

Note: -

* Repeat boxes in case of more than one entry.

* To be signed by the applicant(s) or by authorized registered patent agent otherwise where mentioned.

* Tick (√)/cross (x) whichever is applicable/not applicable in declaration in paragraph-12.

* Name of the inventor and applicant should be given in full, family name in the beginning.

* Strike out the portion which is/are not applicable.

* For fee: See First Schedule”;