



ORIGINAL

क्रम सं/ Serial No. : 242861



पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र

Certificate of Registration of Design

डिजाइन सं. / Design No.

501743-001

तारीख / Date

12/05/2026

पारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **DEVICE FOR ESTIMATING DRUG CONTENT AND ENCAPSULATION EFFICIENCY OF NANOPARTICLES** से संबंधित है, का पंजीकरण, श्रेणी 24-02 में 1.Dr. Meghali Kaple 2. Yogesh Madhukar Bhutkar 3.Sagar Deepakrao Vyawahare 4.Mangla Nand Singh 5.Rutik Nitin Patil 6.Shankar Cheruku 7.Srinivasan A 8.Dr. Jitender Kumar Malik 9.Priyanka Ahirwar 10.Dr Shashikant Bagade के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 24-02 in respect of the application of such design to **DEVICE FOR ESTIMATING DRUG CONTENT AND ENCAPSULATION EFFICIENCY OF NANOPARTICLES** in the name of 1.Dr. Meghali Kaple 2. Yogesh Madhukar Bhutkar 3.Sagar Deepakrao Vyawahare 4.Mangla Nand Singh 5.Rutik Nitin Patil 6.Shankar Cheruku 7.Srinivasan A 8.Dr. Jitender Kumar Malik 9.Priyanka Ahirwar 10.Dr Shashikant Bagade.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अधधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 15/07/2026
Date of Issue



उत्तम श्री

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वत्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



Design Application Details

Application Number:

501743-001

CBR Number:

211148

CBR Date:

12-05-2026 17:47:53

Applicant Name:

1. Dr. Meghali Kaple 2. Yogesh Madhukar Bhutkar 3. Sagar Deepakrao Vyawahare
4. Mangla Nand Singh 5. Rutik Nitin Patil 6. Shankar Cheruku 7. Srinivasan A
8. Dr. Jitender Kumar Malik 9. Priyanka Ahirwar 10. Dr Shashikant Bagade

Design Application Status

Application Status:

Application Under Process(awaiting for Technical Examination)

[Back \(/DesignApplicationStatus/\)](#)

Disclaimer: Application status is available for the application filed on or after 1st April 2009 with application no 222230. The information under " Design Application Status" is dynamically retrieved and is under testing, therefore the information retrieved by this system is not valid for any legal proceedings under the Design Act 2000. In case of any discrepancy you may contact the appropriate Patent Office or send your comments to following email IDs:

Design Office, Kolkata : controllerdesign@ipo.nic.in
Controller General of Patents, Designs and Trademarks

Form-1
Application for registration of designs
(Section 5 and 44)

You are requested to register the accompanying design in

Sr.	Class	Sub Class	Articles
1	24-00 Medical and laboratory equipment	24-02-MEDICAL INSTRUMENTS, INSTRUMENTS AND TOOLS FOR LABORATORY USE	DEVICE FOR ESTIMATING DRUG CONTENT AND ENCAPSULATION EFFICIENCY OF NANOPARTICLES

In the name of:

Applicant (s)	Nationality	Address
Dr. Meghali Kaple	Indian	Department of Biochemistry, Jawaharlal Nehru Medical College, DMIHER (DU), Sawangi, Wardha- 442107, Maharashtra
Yogesh Madhukar Bhutkar	Indian	Sr.No. 55/4, Bhairav Nagar, Dhanori Road, Opp More Enclave-411015, Maharashtra
Sagar Deepakrao Vyawahare	Indian	Flat A1-701, Alcon Silverleaf, Keshav Nagar, Mundhwa, Pune – 411036, Maharashtra
Mangla Nand Singh	Indian	Research Scholar, Faculty of Pharmacy, P K University, Shivpuri (MP)NH-27, Tehsil-Karera, Shivpuri - Jhansi Rd, Thanra-473665, Madhya Pradesh
Rutik Nitin Patil	Indian	Assistant Professor, Nes's Gangamai College of Pharmacy Nagoan, Dhule- 424005, Maharashtra
Shankar Cheruku	Indian	Department of Pharmaceutical Sciences, School of Biotechnology and Pharmaceutical Sciences, Viganan's Foundation for Pharmaceutical Education and Research, Hyderabad-508284, Telangana, India
Srinivasan A	Indian	Research Scholar, Faculty of Pharmacy, P K university, Shivpuri (MP)NH-27, Tehsil-Karera, Shivpuri - Jhansi Rd, Thanra-473665, Madhya Pradesh
Dr. Jitender Kumar Malik	Indian	Prof. Faculty of Pharmacy, P K University, Shivpuri (MP)NH-27, Tehsil-Karera, Shivpuri - Jhansi Rd, Thanra-473665, Madhya Pradesh
Priyanka Ahirwar	Indian	Principal, Prince Institute of Innovative Technology, Plot No. 09, Knowledge Park III, Greater Noida-201310, Uttar Pradesh
Dr Shashikant Bagade	Indian	Associate Professor, SVKM'S NMIMS SPTM Shirpur Campus, Babulde, Bank of Tapi River, National Highway No: 3, Shirpur-425405, Dist. Dhule, Maharashtra

, who claims to be the proprietor thereof.

Category of applicant: - **Natural Person** (☒) Start-up (☐) Small Entity (☐) Others (☐)

Four Specimen of Representation Sheets Containing exactly similar photographs of the design accompany this request.

The design is to be applied to “**DEVICE FOR ESTIMATING DRUG CONTENT AND ENCAPSULATION EFFICIENCY OF NANOPARTICLES**”

The design has been previously registered in class (es) **NA** under No. **NA**.

Details of first application in UK or convention country or group of countries of inter governmental Organization.

- i. Name of the country: **NA**
- ii. Official date: **NA**
- iii. Official number: **NA**
- iv. Name of the Applicant: **NA**

Address for service in India is:

Declaration:

The applicant claims to be the proprietors of the design and that to the best of their knowledge and belief the design is new or original.

Dated this 12th Day of May, 2026

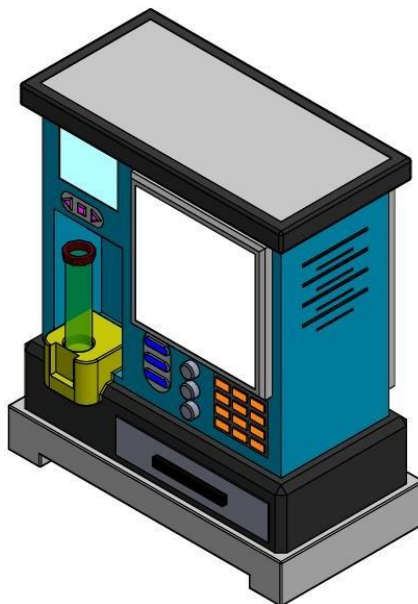
To
The Controller of Designs,
The Patent Office, Kolkata.

Name of Applicant:

1. Dr. Meghali Kaple
2. Yogesh Madhukar Bhutkar
3. Sagar Deepakrao Vyawahare
4. Mangla Nand Singh
5. Rutik Nitin Patil
6. Shankar Cheruku
7. Srinivasan A
8. Dr. Jitender Kumar Malik
9. Priyanka Ahirwar
10. Dr Shashikant Bagade

Total Pages: 7

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PERSPECTIVE VIEW

The novelty resides in the shape and configuration of the **“DEVICE FOR ESTIMATING DRUG CONTENT AND ENCAPSULATION EFFICIENCY OF NANOPARTICLES”** as illustrated.

No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article.

No claim is made by virtue of this registration to any right to the exclusive use of the words, color or color combination, logo/symbols, letters, numbers, tube or wire, trade marks appearing in the representation.

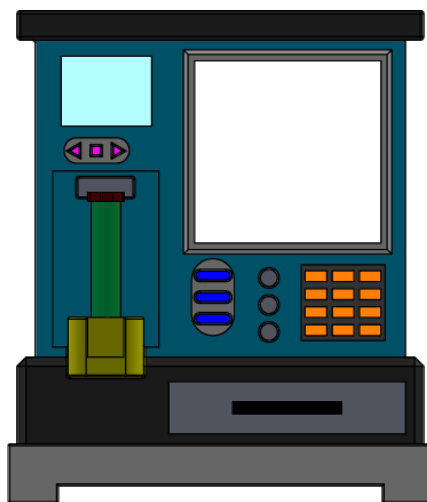
Date 12th May, 2026

Name of Applicant:

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2. Yogesh Madhukar Bhutkar
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FRONT VIEW

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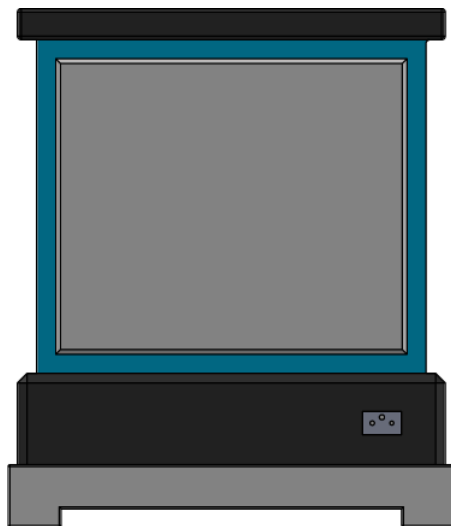
Date 12th May, 2026

Name of Applicant:

1. Dr. Meghali Kaple
2. Yogesh Madhukar Bhutkar
3. Sagar Deepakrao Vyawahare
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REAR VIEW

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Date 12th May, 2026

Name of Applicant:

1. Dr. Meghali Kaple
2. Yogesh Madhukar Bhutkar
3. Sagar Deepakrao Vyawahare
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6. Shankar Cheruku
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9. Priyanka Ahirwar
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TOP VIEW

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Date 12th May, 2026

Name of Applicant:

1. Dr. Meghali Kaple
2. Yogesh Madhukar Bhutkar
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9. Priyanka Ahirwar
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BOTTOM VIEW

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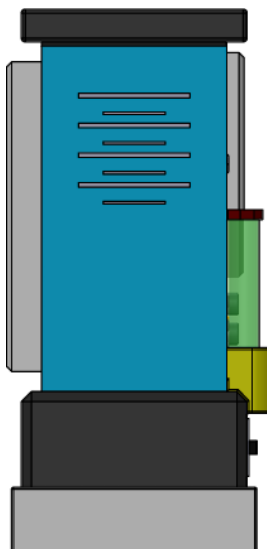
Date 12th May, 2026

Name of Applicant:

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LEFT SIDE VIEW

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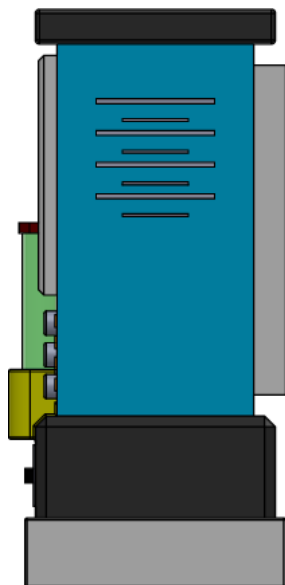
Date 12th May, 2026

Name of Applicant:

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2. Yogesh Madhukar Bhutkar
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RIGHT SIDE VIEW

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Date 12th May, 2026