



ORIGINAL

क्रम सं/ Serial No. : 233854



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.

493981-001

तारीख / Date

09/03/2026

पारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **TABLETOP BIOREACTOR WITH REAL-TIME CARBON MITIGATION TRACKING** से संबंधित है, का पंजीकरण, श्रेणी 24-01 में 1.Dr. Vivek Raj 2. Dr. Diwakar Pandey 3.Aman Prakash 4.Virat Vaibhav 5.Dr. Nayan Ranjan Singha 6.Dr. Sudip Das 7.Dr. Ashish Kumar 8.Dr. Manasi Mukhopadhyay 9.Dr. Deepshikha Datta 10.Dr. Navish Kataria 11.Dr. Gopal Kumar 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 24-01 in respect of the application of such design to **TABLETOP BIOREACTOR WITH REAL-TIME CARBON MITIGATION TRACKING** in the name of 1.Dr. Vivek Raj 2. Dr. Diwakar Pandey 3.Aman Prakash 4.Virat Vaibhav 5.Dr. Nayan Ranjan Singha 6.Dr. Sudip Das 7.Dr. Ashish Kumar 8.Dr. Manasi Mukhopadhyay 9.Dr. Deepshikha Datta 10.Dr. Navish Kataria 11.Dr. Gopal Kumar.

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 : 21/05/2026
Date of Issue



उत्तराधिकारी
उत्तराधिकारी

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.

FORM 1

Application for Registration of Design

[See 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	24-01-APPARTUS EQUIPMENT FOR DOCTORS, HOSPITALS AND LABORATORIES	TABLETOP BIOREACTOR WITH REAL-TIME CARBON MITIGATION TRACKING

In the name of :

Sr.	Name	Nationality	Address
1	Dr. Vivek Raj	India	S/o. Mr. Upendra Kumar Singh, Assistant Professor, Department of Biotechnology, Patna Women's College (Autonomous), Patna University, Patna - 800001, Bihar, India.
2	Dr. Diwakar Pandey	India	S/o. Mr. Vijay Prakash Pandey, Assistant Professor, Department of Chemical Engineering, Birsa Institute of Technology Sindri, Dhanbad, Dhanbad 828123, Jharkhand, India.
3	Aman Prakash	Israel	S/o. Mr. Hansnath Prasad, M.Sc. Student, Leon H. Charney School of Marine Sciences, University of Haifa, Haifa - 3498838, Israel.
4	Virat Vaibhav	India	S/o. Mr. Sushil Kumar, M. Tech. Student, Indian Institute of Technology Guwahati, Guwahati - 781039, Assam, India.
5	Dr. Nayan Ranjan Singha	India	S/o. Late. Hemanta Kumar Singha, Assistant Professor, Department of Polymer Science and Technology and Department of Leather Technology, Government College of Engineering and Leather Technology, Maulana Abul Kalam Azad University of Technology, Salt Lake City, Kolkata - 700106, West Bengal, India.
6	Dr. Sudip Das	India	S/o. Mr. Nikhil Ranjan Das, Associate Professor, Department of Biotechnology, Haldia Institute of Technology,

			ICARE Complex, Haldia, Purba Medinipur - 721657, West Bengal, India.
7	Dr. Ashish Kumar	India	S/o. Late Akhouri Bachan Bihari Sinha, Patna Women's College (Autonomous), Patna University, Patna - 800001, Bihar, India.
8	Dr. Manasi Mukhopadhyay	India	W/o. Dr. Arindam Bandyopadhyay, Professor, Department of Basic Science & Humanities, Swami Vivekananda Institute of Science & Technology, Dakshin Gobindapur, Kolkata - 700145, West Bengal, India.
9	Dr. Deepshikha Datta	India	D/o. Late. Dr. Chittaranjan Datta, Professor, Department of Basic Science & Humanities, Institute of Engineering and Management (IEM), Kolkata, University of Engineering and Management (UEM), Newtown, Kolkata - 700160, West Bengal, India.
10	Dr. Navish Kataria	India	S/o. Mr. Dalbir Singh, Assistant Professor, Department of Environmental Sciences, J.C. Bose University of Science and Technology, YMCA, Mathura Rd, Sector - 6, Faridabad-121006, Haryana, India
11	Dr. Gopal Kumar	India	S/o. Mr. Jai Prakash, Assistant Professor, Department of Petroleum & Energy Studies, DIT University, Dehradun - 248009, Uttarakhand, India.

who claim(s) to be the proprietor(s) thereof.

Four exactly similar representations of the design accompanying this request.

The design is to be applied to **TABLETOP BIOREACTOR WITH REAL-TIME CARBON MITIGATION TRACKING**

Declaration:

The applicant(s) claims to be the proprietor(s) of the design and that to the best of his knowledge and belief the design is new or original.

Dated this 9 day of March 2026

SIGNATURE

To,
The Controller of Patents & Designs,
The Patent Office Kolkata

This form is electronically generated.