



ORIGINAL

क्रम सं/ Serial No.: 168420



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.

410346-001

तारीख / Date

13/03/2024

पारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो SMART SCHOOL DESK से संबंधित है, का पंजीकरण, श्रेणी 06-03 में 1.Dr. Patanjali Mishra 2. Dr. Ruchi Dubey 3.Dr. Amit Kumar 4.Dr. Pratik Upadhyaya 5.Sudhanshu Raghuwanshi 6.Dr. Brindha Devi E 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 06-03 in respect of the application of such design to SMART SCHOOL DESK in the name of 1.Dr. Patanjali Mishra 2. Dr. Ruchi Dubey 3.Dr. Amit Kumar 4.Dr. Pratik Upadhyaya 5.Sudhanshu Raghuwanshi 6.Dr. Brindha Devi E.

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 :

Date of Issue

09/05/2024



कुलत की पंक्ति

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.



ORIGINAL

क्रम सं/ Serial No.: 182680



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.

427283-001

तारीख / Date

16/08/2024

पारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **SANSKRIT SCRIPT INPUT DEVICE** से संबंधित है, का पंजीकरण, श्रेणी 14-02 में 1.Dr. Rashmi Yadav 2. Dr. Ushma Yadav 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 14-02 in respect of the application of such design to **SANSKRIT SCRIPT INPUT DEVICE** in the name of 1.Dr. Rashmi Yadav 2. Dr. Ushma Yadav.

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 :

Date of Issue

15/10/2024



डिजाइन की पंजीकरण

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.



The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 391076-001

तारीख / Date : 25/07/2023

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *SMART DEVICE TO MONITOR AND UNDERSTAND ANIMAL LANGUAGE* से संबंधित है, का पंजीकरण, श्रेणी 10-05 में 1.Dr. Khushhali M Pandey 2. Dr. Ajay Pandey 3.Dr. Asutosh Kumar Srivastava 4.Kirti Kashinath Jadhav 5.Dr. Rita Roy 6.Dr. Vemuluri Sallaja 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 10-05 in respect of the application of such design to *SMART DEVICE TO MONITOR AND UNDERSTAND ANIMAL LANGUAGE* in the name of 1.Dr. Khushhalli M Pandey 2. Dr. Ajay Pandey 3.Dr. Asutosh Kumar Srivastava 4.Kirti Kashinath Jadhav 5.Dr. Rita Roy 6.Dr. Vemuluri Sailaja.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन 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 : 27/09/2023
Date of Issue :

महानिपत्रक पट्ट: डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

पासपरिक्रमा तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम) डिजाइन का स्वलाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिमिग एवं मिगम 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.



Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6403642

Grant date: 18 November 2024

Registration date: 11 November 2024

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr.Vijayakumar Sajjan, Prof. Nandini Khanderao Kad, Dr. Brajesh Kumar

Dwivedi, Dr. Asutosh Kumar Srivastava, Prasanna Kumar Yekula, Dr. Kattela

Pavan Kumar, Prof. Prasun Chakrabarti

in respect of the application of such design to:

Sensor-Based Wireless Device for Environmental Monitoring

International Design Classification:

Version: 14-2023

Class: 10 CLOCKS AND WATCHES AND OTHER MEASURING
INSTRUMENTS, CHECKING AND SIGNALLING INSTRUMENTS

Subclass: 05 INSTRUMENTS, APPARATUS AND DEVICES FOR CHECKING,
SECURITY OR TESTING

Version: 14-2023

Class: 14 RECORDING, TELECOMMUNICATION OR DATA PROCESSING
EQUIPMENT

Subclass: 03 TELECOMMUNICATIONS EQUIPMENT, WIRELESS REMOTE
CONTROLS AND RADIO AMPLIFIERS

Adam Williams

Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.202521049190 A

(19) INDIA

(22) Date of filing of Application :21/05/2025

(43) Publication Date : 13/06/2025

(54) Title of the invention : A Living Biofilm-Coated Roofing Tile for Self-Cooling and Air Detoxification in Urban Buildings

(51) International classification :B01D0053000000, G01N0033000000, B01D0053840000, E04D0011020000, B01J0035230000
(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

(71)Name of Applicant :
1)Dr. Genu Roney Varghese
Address of Applicant :Spicer Adventist University Campus (formerly known as Spicer College), Aundh Pune. -----
2)Dr. Saurabh Kumar
3)Dr. Dharendra Kumar
4)Nisha Bansal
5)Rupesh Ranjan
6)Dr. Preetam Singh Meena
7)Dr. Twinkle Chaudhary
8)Dr. Anoop Kumar
Name of Applicant : NA
Address of Applicant : NA
(72)Name of Inventor :
1)Dr. Genu Roney Varghese
Address of Applicant :Dean and Associate Professor, Spicer Adventist University, Aundh, Pune, Maharashtra-411007 Pune -----
2)Dr. Saurabh Kumar
Address of Applicant :Department of History, Hindu College, University of Delhi, Delhi-110007 Delhi -----
3)Dr. Dharendra Kumar
Address of Applicant :Assistant Professor, Department of Chemistry, Kashi Naresh Govt. PG College Gyanpur, Bhadohi- 221304 Bhadohi -----
4)Nisha Bansal
Address of Applicant :Assistant Professor, I.T.S Mohan Nagar, Ghaziabad- 201007 Ghaziabad -----
5)Rupesh Ranjan
Address of Applicant :SSASO, Bandobast Karyalaya, Land and Revenue Department, Bihar Government, Chittranjan Road, Lakhisaray, Bihar-811311 Lakhisaray -----
6)Dr. Preetam Singh Meena
Address of Applicant :Assistant Professor, Department of Chemistry Govt College Karauli, Rajasthan-322241 Karauli -----
7)Dr. Twinkle Chaudhary
Address of Applicant :Senior Research Fellow, ICAR-NRCE, Hisar-125001 Hisar -----
8)Dr. Anoop Kumar
Address of Applicant :Assistant Professor, Department of Botany Government Degree College (M.J.P. Rohilkhand University), Kant, District -Shahjahanpur Shahjahanpur -----

(57) Abstract :
This invention is a multifunctional roofing system designed for urban buildings, having a ceramic base with a photosynthetic biofilm in addition to catalytic compounds. The biofilm-covered tile is helpful for the air and for heat. It lowers the temperature passively and purifies the air using biological and chemical means. The structure uses layers, with the top one made of a biofilm optimized by genes that helps plants fix CO₂ and release oxygen into the air as they photosynthesize. The ceramic matrix in the core of the biofilm includes nanocatalysts which help degrade airborne VOCs. Slightly textured patterns on the tile makes it reflect both IR and UV light, resulting in less heat being absorbed. An array of sensors monitors surface temperature, humidity, the concentration of VOCs in the air and photosynthesis and these readings can be optionally uploaded to the cloud or blockchain to see performance trends. In time, the system is seen to both cool down rooftop surfaces and improve the air quality with respect to things like VOCs and CO₂ levels. It is a sustainable, self-sustaining and easy-to-maintain approach to solving urban heat islands and enhancing air quality in tightly packed cities.

No. of Pages : 18 No. of Claims : 7



Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6449359

Grant date: 13 June 2025

Registration date: 06 June 2025

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. Debashis Dutta, Dr. Prashant Kumar, Mrs. Ketki Naik, Dr. Rekha Rani, Dr.

Madhu, Dr. Ira Tripathi , Dr. Bhopal Singh, Dr. Ivi Chakraborty, Dr. Nandita Jena

in respect of the application of such design to:

Portable Tempeh Fermentation Unit with Integrated Honeycomb Structure and

Environment controls

International Design Classification:

Version: 15-2025

Class: 31 MACHINES AND APPLIANCES FOR PREPARING FOOD OR DRINK,
NOT ELSEWHERE SPECIFIED

Subclass: 00 MACHINES AND APPLIANCES FOR PREPARING FOOD OR
DRINK, NOT ELSEWHERE SPECIFIED

Adam Williams

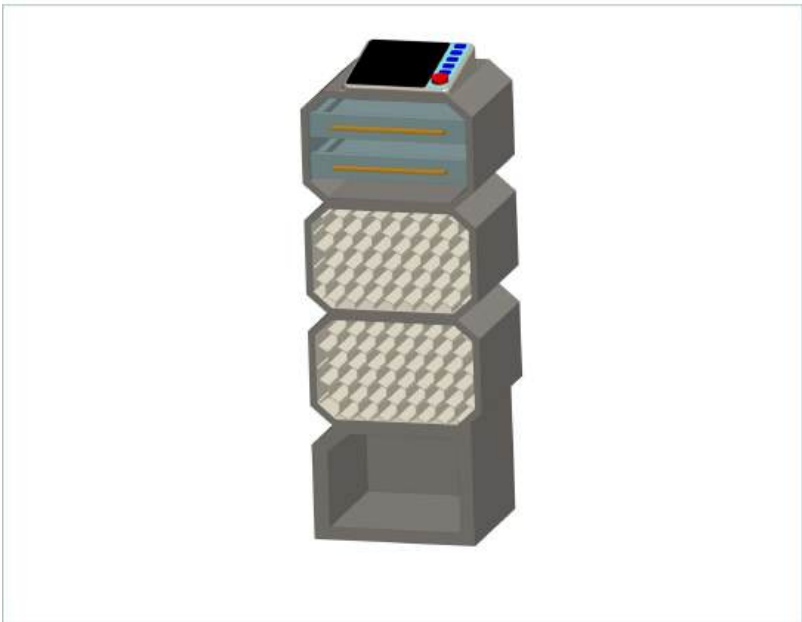
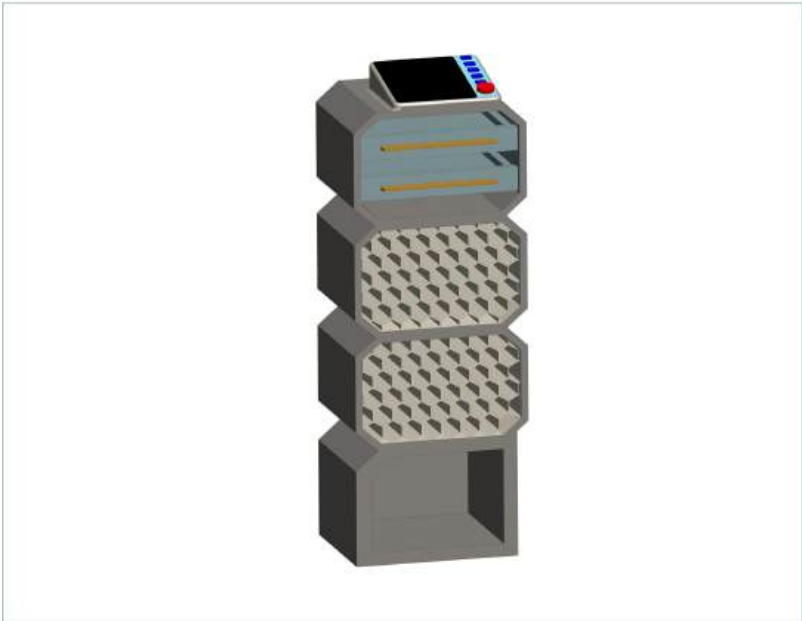
Comptroller-General of Patents, Designs and Trade Marks

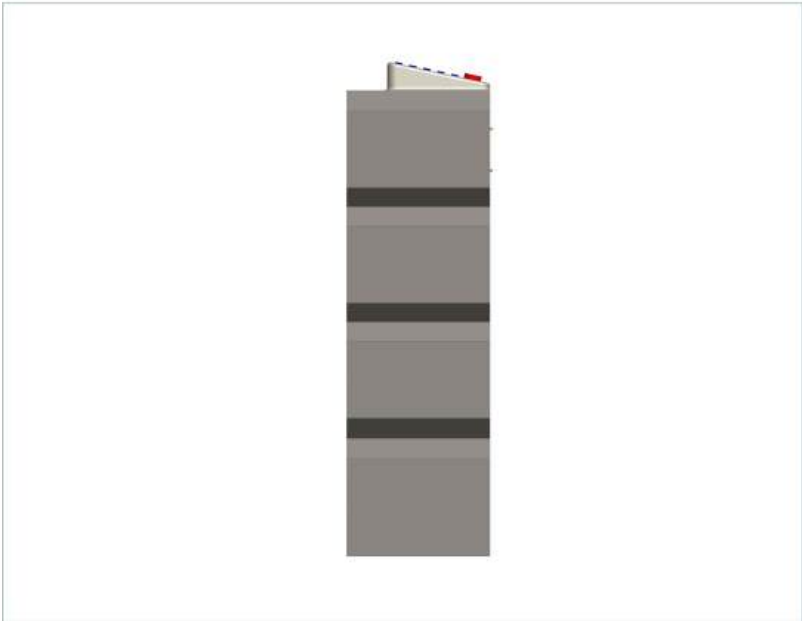
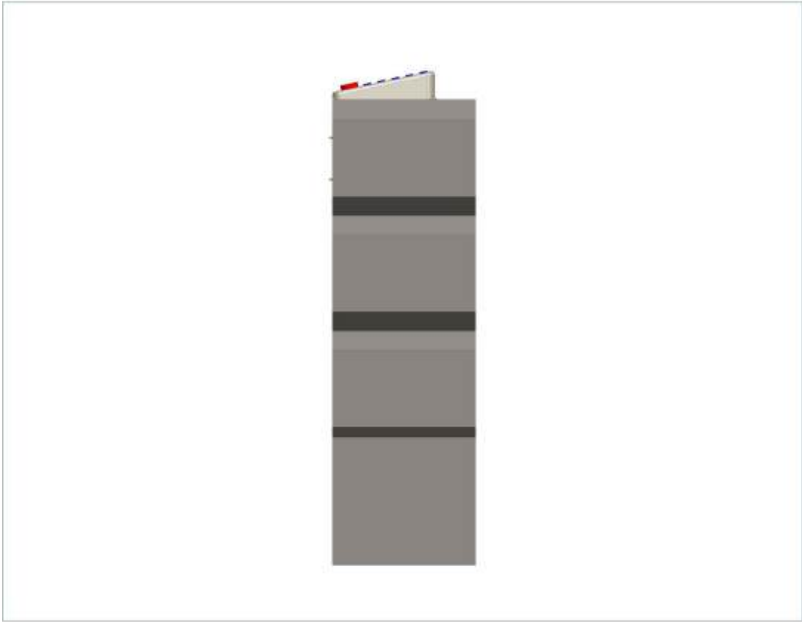
Intellectual Property Office

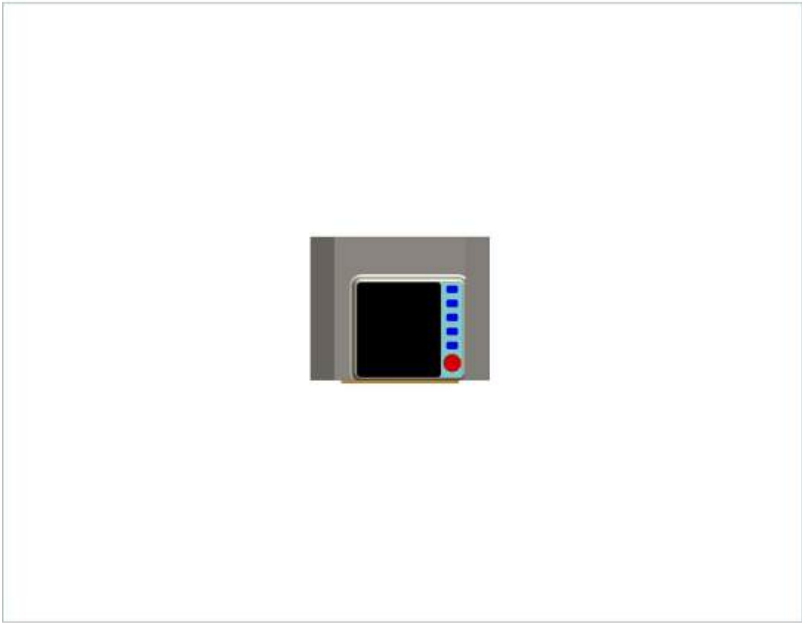
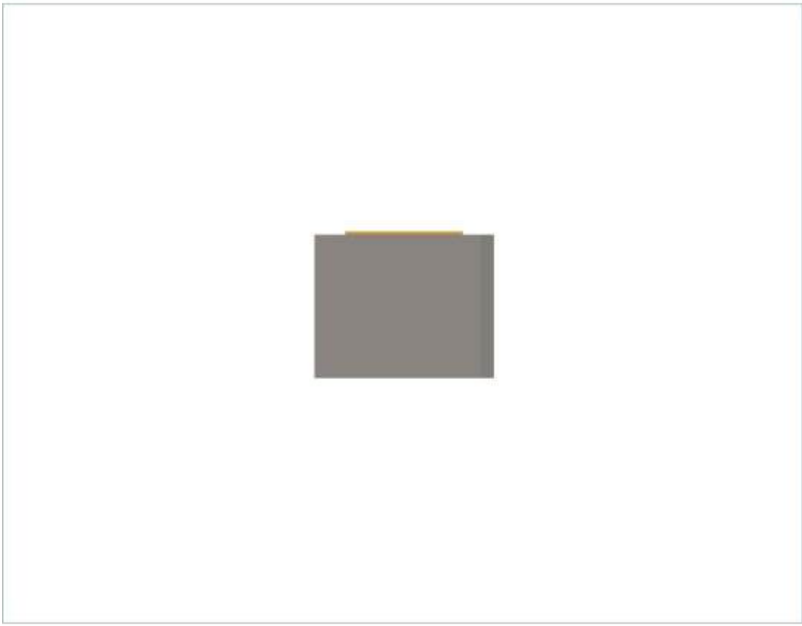
The attention of the Proprietor(s) is drawn to the important notes overleaf.

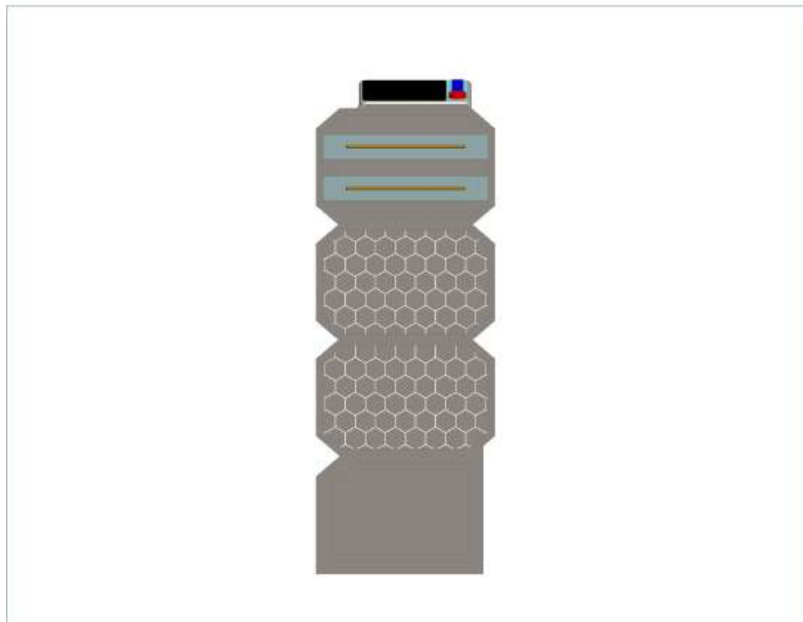


Representation of Designs











Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6485809

Grant date: 11 December 2025

Registration date: 14 November 2025

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. Debashis Dutta, Dr. Sachin Ramesh Rao Geed, Dr. Ira Tripathi, Dr. Abhishek

Dutt Tripathi, Dr. Madhu, Dr. Vidhu Yadav, Dr. Shajiya Tabsssum, Dr. Garima

Anand, Dr. Priti Giri, Dr. Shweta Rawat, Anil Bhagwan Mundhe, Nandini Mehul

Desai, Dr. Nandita Jena, Ganesh Dey, Dr. Prashant Kumar

in respect of the application of such design to:

Seaweed-Based Biodegradable Packaging Films Production Machine

International Design Classification:

Version: 15-2025

Class: 15 MACHINES, NOT ELSEWHERE SPECIFIED

Subclass: 10 MACHINERY FOR FILLING, PACKING OR PACKAGING

Adam Williams

Comptroller-General of Patents, Designs and Trade Marks

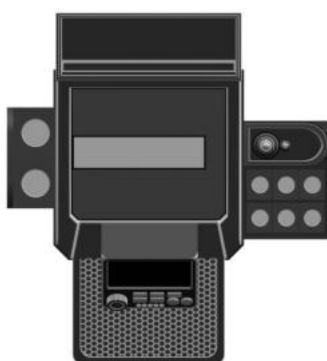
Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.



Representation of Designs









Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6357927

Grant date: 16 April 2024

Registration date: 08 April 2024

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. S. Anuradha, Dr. Tejaswini Prasad Babar, Dr. Tulika Mishra, Mrs. Shivali

Rathore, Usha Devi, Dr. Madhu ,, Dr. Sima Mandal, Dr. Alka Rajput, Mr Mukul

Machhindra Barwant, Dr. Ruchita Shrivastava

in respect of the application of such design to:

BIOSENSOR DEVICE FOR TARGETED DRUG DELIVERY

International Design Classification:

Version: 14-2023

Class: 24 MEDICAL AND LABORATORY EQUIPMENT

Subclass: 01 APPARATUS AND EQUIPMENT FOR DOCTORS, HOSPITALS
AND LABORATORIES

Adam Williams

Comptroller-General of Patents, Designs and Trade Marks

Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.



Intellectual Property Office is an operating name of the Patent Office

www.gov.uk/ipo



Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6449359

Grant date: 13 June 2025

Registration date: 06 June 2025

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. Debashis Dutta, Dr. Prashant Kumar, Mrs. Ketki Naik, Dr. Rekha Rani, Dr.

Madhu, Dr. Ira Tripathi, Dr. Bhopal Singh, Dr. Ivi Chakraborty, Dr. Nandita Jena

in respect of the application of such design to:

Portable Tempeh Fermentation Unit with Integrated Honeycomb Structure and

Environment controls

International Design Classification:

Version: 15-2025

Class: 31 MACHINES AND APPLIANCES FOR PREPARING FOOD OR DRINK,
NOT ELSEWHERE SPECIFIED

Subclass: 00 MACHINES AND APPLIANCES FOR PREPARING FOOD OR
DRINK, NOT ELSEWHERE SPECIFIED

Adam Williams

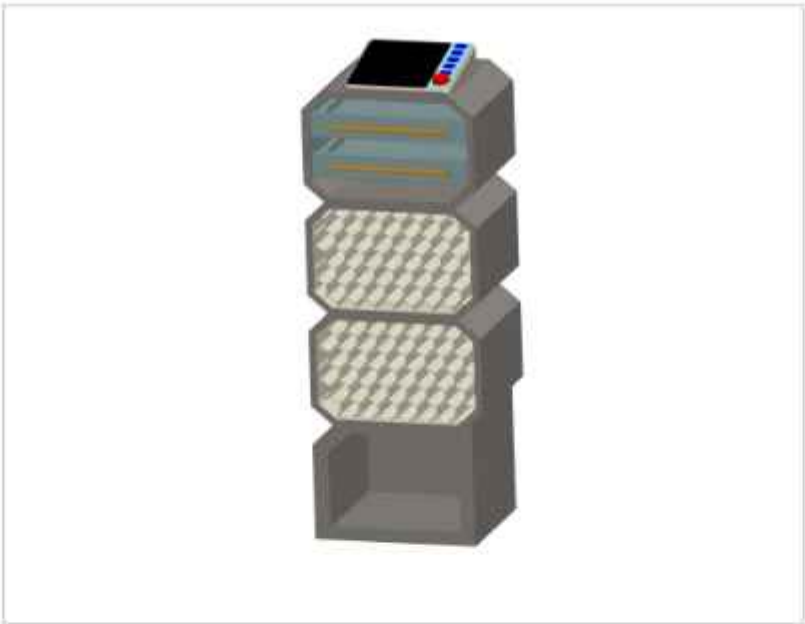
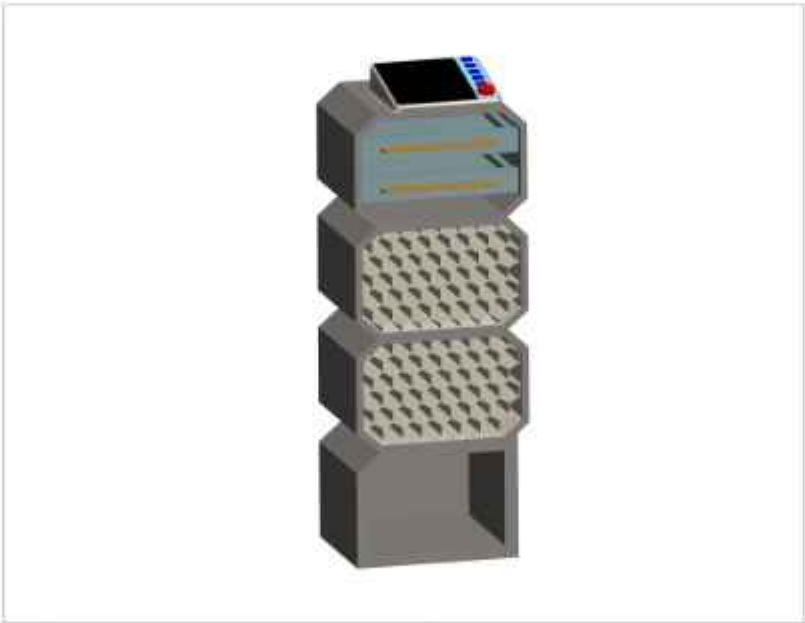
Comptroller-General of Patents, Designs and Trade Marks

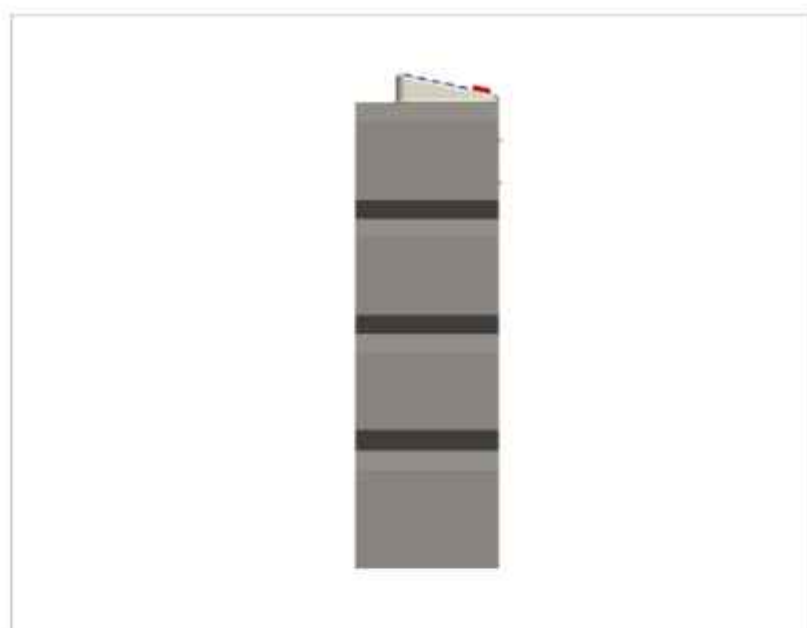
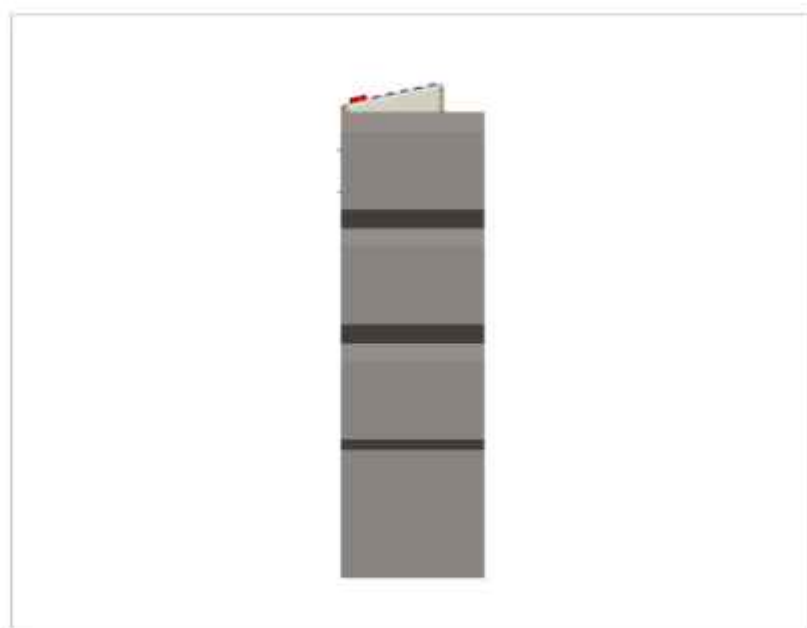
Intellectual Property Office

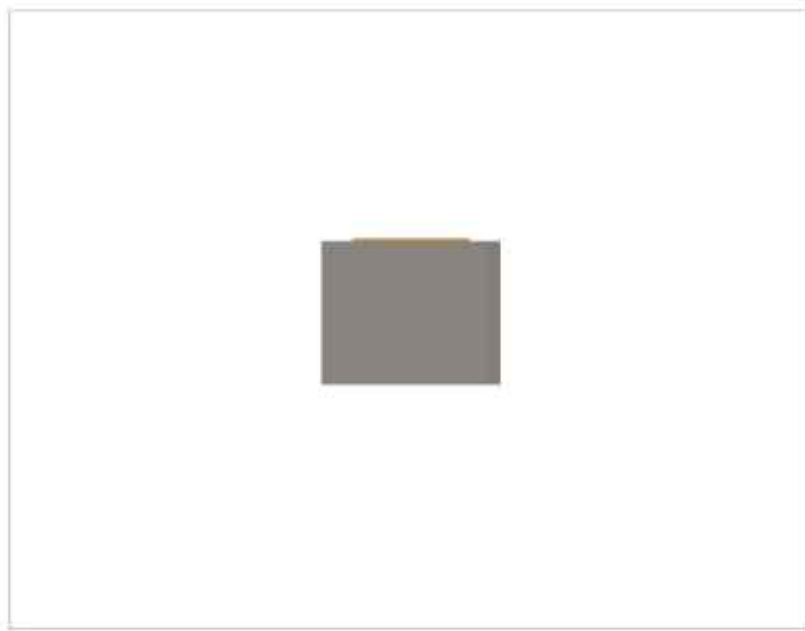
The attention of the Proprietor(s) is drawn to the important notes overleaf.

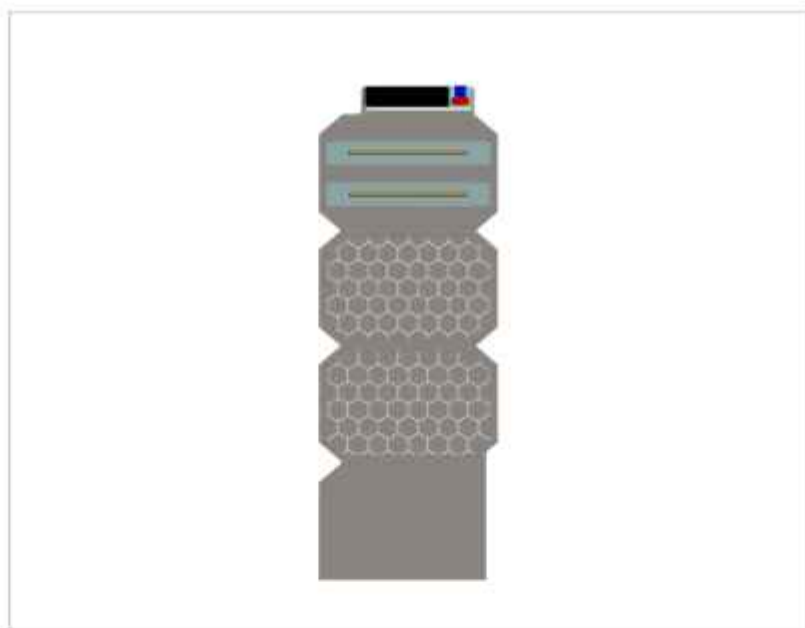


Representation of Designs











ORIGINAL

क्रम सं/ Serial No. : 210930



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.

464410-001

तारीख / Date

03/07/2025

पारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **AI BASED LABORATORY APPARATUS FOR PROTEIN SEPARATION** से संबंधित है, का पंजीकरण, श्रेणी 24-01 में 1.Dr. Haribhau Bhausahab Waghire 2. Dr. Rushikesh Vasant Bhambure 3.Dr. Dhananjay Nanaji Gaikwad 4.Mrs. Pooja Raviraj Yadav 5.Dr. Shailendra S. Choudhari 6.Dr. Janhavi Ashish Arekar 7.Dr. Suhaib Malik 8.Dr. Madhu 9.Dr. M.Prashanthi 10.Dr. Sandhya Sharma 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 **AI BASED LABORATORY APPARATUS FOR PROTEIN SEPARATION** in the name of 1.Dr. Haribhau Bhausahab Waghire 2. Dr. Rushikesh Vasant Bhambure 3.Dr. Dhananjay Nanaji Gaikwad 4.Mrs. Pooja Raviraj Yadav 5.Dr. Shailendra S. Choudhari 6.Dr. Janhavi Ashish Arekar 7.Dr. Suhaib Malik 8.Dr. Madhu 9.Dr. M.Prashanthi 10.Dr. Sandhya Sharma.

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 : 13/10/2025
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.



ORIGINAL

क्रम सं/ Serial No. : 211456



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.

467495-001

तारीख / Date

27/07/2025

पारस्परिकता तारीख / Reciprocity Date*

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **AI BASED DATA PROCESSING DEVICE FOR ANALYSING NUTRITIONAL PROFILE OF MEAL** से संबंधित है, का पंजीकरण, श्रेणी 14-02 में 1.Dr. Senthil Kumar Sadasivam 2. Ms. Varuna Kumaravel 3.Ms. Komal Uday Kulkarni 4.Dr. Harshal V. Poojari 5.Dr. Admuthe Namdeo Bhagwan 6.Dr. Madhu 7.Dr. Nishtha Shrivastava 8.Mohammad Asad Farooqi 9.Mr Mukul Machhindra Barwant 10.Dr. Ruchita Shrivastava 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 14-02 in respect of the application of such design to **AI BASED DATA PROCESSING DEVICE FOR ANALYSING NUTRITIONAL PROFILE OF MEAL** in the name of 1.Dr. Senthil Kumar Sadasivam 2. Ms. Varuna Kumaravel 3.Ms. Komal Uday Kulkarni 4.Dr. Harshal V. Poojari 5.Dr. Admuthe Namdeo Bhagwan 6.Dr. Madhu 7.Dr. Nishtha Shrivastava 8.Mohammad Asad Farooqi 9.Mr Mukul Machhindra Barwant 10.Dr. Ruchita Shrivastava.

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 : 21/10/2025
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.



Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6485809

Grant date: 11 December 2025

Registration date: 14 November 2025

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. Debashis Dutta, Dr. Sachin Rameshrao Geed, Dr. Ira Tripathi, Dr. Abhishek

Dutt Tripathi, Dr. Madhu, Dr. Vidhu Yadav, Dr. Shajiya Tabsssum, Dr. Garima

Anand, Dr. Priti Giri, Dr. Shweta Rawat, Anil Bhagwan Mundhe, Nandini Mehul

Desai, Dr. Nandita Jena, Ganesh Dey, Dr. Prashant Kumar

in respect of the application of such design to:

Seaweed-Based Biodegradable Packaging Films Production Machine

International Design Classification:

Version: 15-2025

Class: 15 MACHINES, NOT ELSEWHERE SPECIFIED

Subclass: 10 MACHINERY FOR FILLING, PACKING OR PACKAGING

Adam Williams

Comptroller-General of Patents, Designs and Trade Marks

Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.



Representation of Designs





