

ORIGINAL
क्रम सं/ Serial No.: 167963



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. : 412017-001

तारीख / Date : 30/03/2024

प्रारस्परिकता तारीख / Reciprocity Date* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE** से संबंधित है, का पंजीकरण, श्रेणी 10-05 में Mr. Abhinav Shukla 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 **CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE** in the name of Mr. Abhinav Shukla.

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.



कुमार की शिबि

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

जारी करने की तिथि : 03/05/2024
Date of Issue

*प्रारस्परिकता 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 Designs.
Sections 5 and 44

You are requested to register the accompanying in;

Class No **10-05** in the name;

Mr. Abhinav Shukla

Assistant Professor, Goel Institute of Technology and Management, (College Code 360, Affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow) Near Indira Canal, Anora Kala, Lucknow, Uttar Pradesh-226028, India.

who claim(s) to be the proprietor(s) there of

Category of Applicant: Natural Person (●) Small Entity () Others ()

Four exactly similar **DRAWINGS** of the design accompany this request.

The design is to be applied to a new design of the

**CUSTOMER EXPERIENCE MONITORING
WIRELESS DEVICE**

The design has been previously registered in

Classe(s) _____ Under No _____

Details of first application in UK or convention country or group of countries or

(i) **Name of Country :**

(ii) **Official date :**

(iii) **Official number :**

Address For Service In India Is –

Name: Mr. Abhinav Shukla
Address: Assistant Professor, Goel Institute of Technology and Management, (College Code 360, Affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow) Near Indira Canal, Anora Kala, Lucknow, Uttar Pradesh-226028, India.

Email Id: shuklabhinav1011@gmail.com
Phone No: 6394655545

Declaration:

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

Dated: 28 MAR 2024

Signature (Applicant)

Mr. Abhinav Shukla 

TO,
THE CONTROLLER OF DESIGNS
THE PATENT OFFICE, KOLKATA

Mr. Abhinav Shukla

We have invented a new design of the **CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE** as set forth in the following specification. The claimed portion of the design of the **CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE** consists of a wireless sensor, federated learning algorithms, and data processing units, this device operates by collecting real-time data on customer interactions with wireless networks. The wireless sensors capture various metrics including signal strength, latency, and network congestion, while the federated learning algorithms analyze this data locally on the device itself. Through federated learning, insights are derived without compromising user privacy as the analysis is decentralized. The processed insights are then utilized to generate a comprehensive perception index of the customer experience. This index can help wireless service providers identify areas for improvement, optimize network performance, and tailor services to meet customer needs more effectively. By leveraging federated learning within wireless communication systems, this device offers a novel approach to enhancing customer satisfaction and loyalty in the digital age.

Figure 1 is a Front View of a “**CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE**” of our new design;

Figure 2 is a Rear View thereof;

Figure 3 is a Top View thereof;

Figure 4 is a Bottom View thereof;

Figure 5 is a Left Side View thereof.

Figure 6 is the Right-Side View thereof;

Figure 7 is the Perspective View thereof;

We Claim that:

The novelty resides in the shape and configuration of the “**CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE**” 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, letters, numbers, Colors or trademarks appearing in the representation.

Dated: 28 MAR 2024

Signature (Applicant)

Mr. Abhinav Shukla 



FRONT VIEW

The novelty resides in the shape and configuration of the **“CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE”** as illustrated

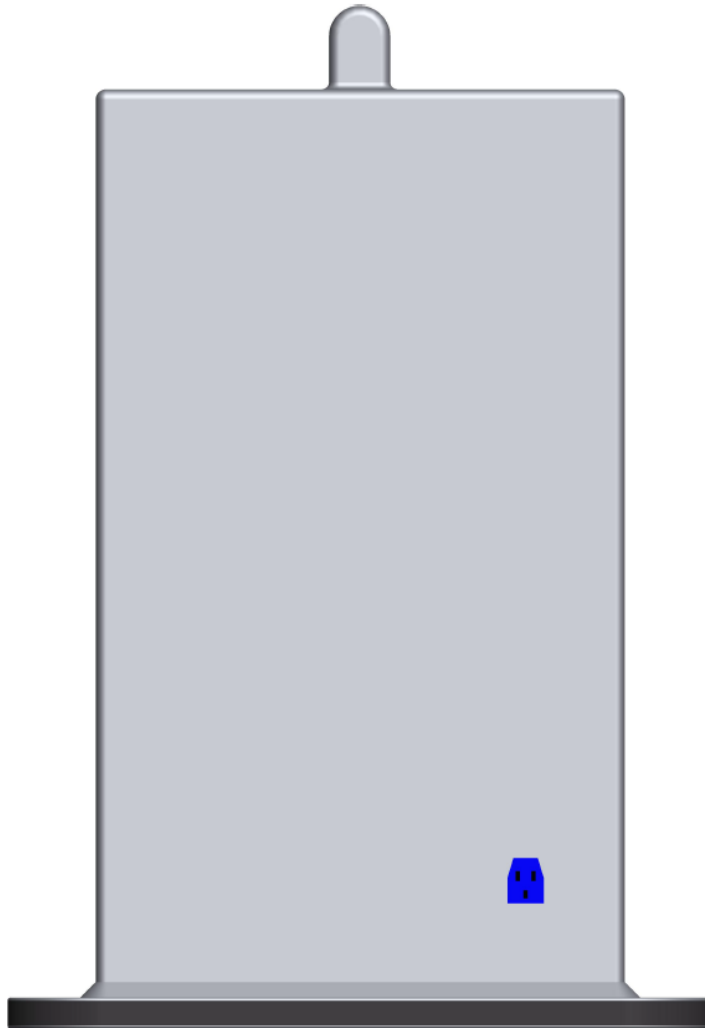
No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, numbers, Color, or trademarks appearing in the representation.

Dated: 28 MAR 2024

Signature (Applicant)

Mr. Abhinav Shukla 



REAR VIEW

The novelty resides in the shape and configuration of the “**CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE**” as illustrated

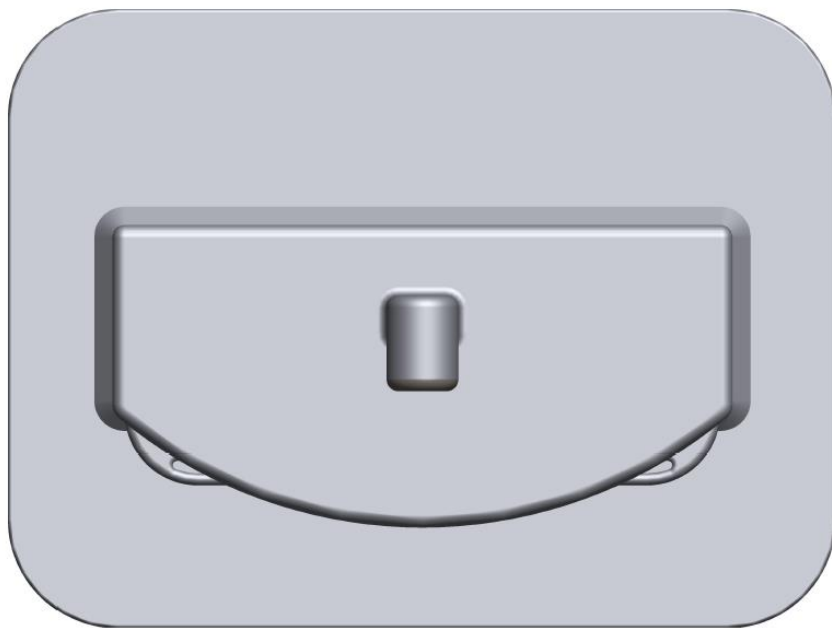
No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, numbers, Color, or trademarks appearing in the representation.

Dated: 28 MAR 2024

Signature (Applicant)

Mr. Abhinav Shukla 



TOP VIEW

The novelty resides in the shape and configuration of the “**CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE**” as illustrated

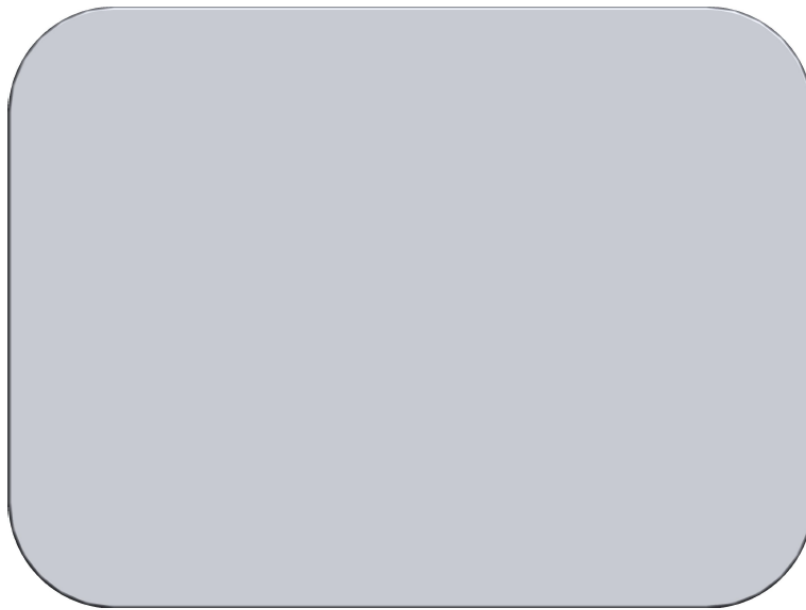
No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, numbers, Color, or trademarks appearing in the representation.

Dated: 28 MAR 2024

Signature (Applicant)

Mr. Abhinav Shukla 



BOTTOM VIEW

The novelty resides in the shape and configuration of the “**CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE**” as illustrated

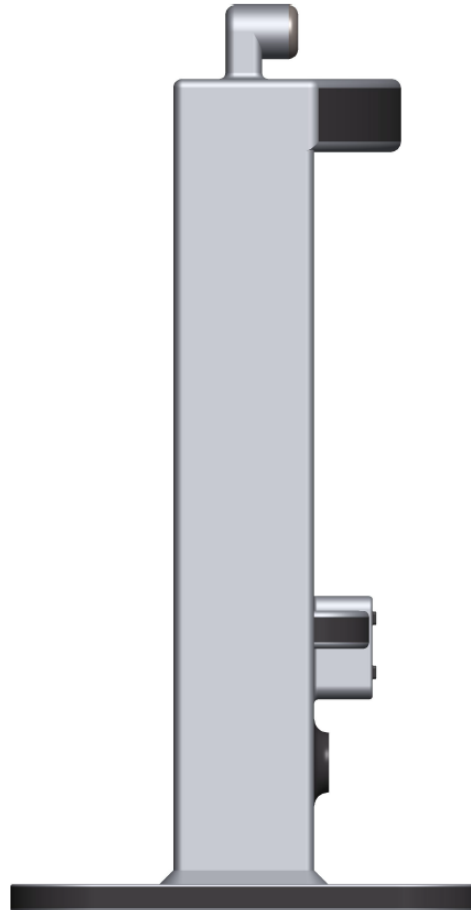
No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, numbers, Color, or trademarks appearing in the representation.

Dated: 28 MAR 2024

Signature (Applicant)

Mr. Abhinav Shukla 



LEFT VIEW

The novelty resides in the shape and configuration of the “**CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE**” as illustrated

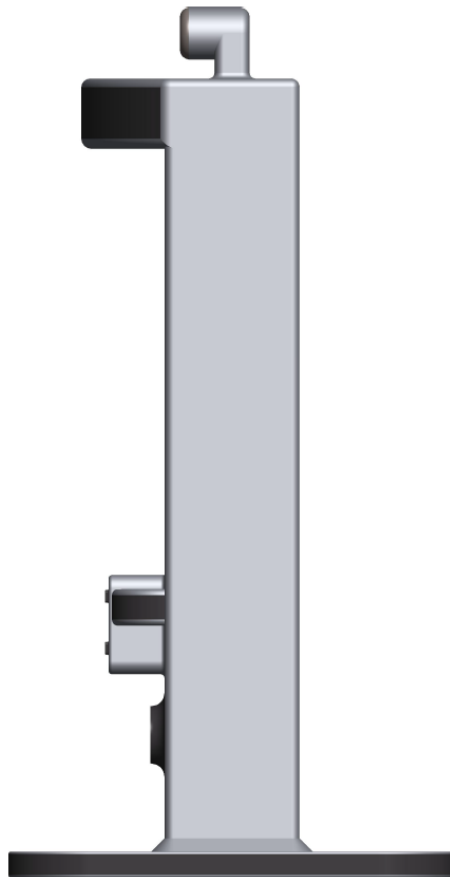
No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, numbers, Color, or trademarks appearing in the representation.

Dated: 28 MAR 2024

Signature (Applicant)

Mr. Abhinav Shukla 



RIGHT VIEW

The novelty resides in the shape and configuration of the “**CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE**” 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, letters, numbers, Color, or trademarks appearing in the representation.

Dated: 28 MAR 2024

Signature (Applicant)

Mr. Abhinav Shukla 



PERSPECTIVE VIEW

The novelty resides in the shape and configuration of the “**CUSTOMER EXPERIENCE MONITORING WIRELESS DEVICE**” 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, letters, numbers, Color, or trademarks appearing in the representation.

Dated: 28 MAR 2024

Signature (Applicant)

Mr. Abhinav Shukla 