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INTELLECTUAL PROPERTY INDIA
PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202211035459
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/06/2022
APPLICANT NAME	1 . Dr. Suryabhan Pratap Singh 2 . Dr. Sachikanta Dash 3 . Dr. Rajendra Kumar Das 4 . Sameer Kumar Das 5 . Virendra Kumar Verma 6 . Dr. Subbiah K 7 . Monalisha Rout 8 . Dr. Chinmay Shah 9 . Naveen Rana 10 . Dr Tribhuwan Kumar
TITLE OF INVENTION	A SYSTEM & METHOD FOR EDUCATIONAL APPROACHES USING 3D PRINTING AND MACHINE LEARNING
FIELD OF INVENTION	PHYSICS
E-MAIL (As Per Record)	a2zsoftech.2010@gmail.com
ADDITIONAL-EMAIL (As Per Record)	a2zsoftech.2010@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	01/07/2022

ORIGINAL

मूल/No : 118142

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डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिज़ाइन सं. / Design No.	:	349458-001
तारीख / Date	:	14/09/2021
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **A THERMAL INSULATION AND SHOCK ABSORBING CONTAINER USING AIR CHAMBERS** से संबंधित है, का पंजीकरण, श्रेणी **09-03** में 1.Dr. Sudhanshu Aggarwal 2. Dr. Himanshu Pandey 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 **09-03** in respect of the application of such design to **A THERMAL INSULATION AND SHOCK ABSORBING CONTAINER USING AIR CHAMBERS** in the name of 1.Dr. Sudhanshu Aggarwal 2. Dr. Himanshu Pandey.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

निर्गमन की तारीख/Date of Issue : 07/11/2022

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

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। 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।

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Government of India

INTELLECTUAL PROPERTY INDIA

Application Details

APPLICATION NUMBER	202211036339
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/06/2022
APPLICANT NAME	1 . Dr. Suryabhan Pratap Singh 2 . Dr. Himanshu Sharma 3 . Tapas Kumar Das 4 . Raghunath Rout 5 . Zarinabegam K Mundargi 6 . Saleha Syed Ismail Saudagar 7 . Surbhi Sharma 8 . Pankaj Kunekar 9 . Iskandar Muda 10 . Mr. Kannadasan B
TITLE OF INVENTION	A SYSTEM & METHOD FOR THE DEVELOPMENT OF ADVANCED MACHINE LEARNING AND ITS IMPACT ON THE DIGITAL MARKET
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	a2zsoftech.2010@gmail.com
ADDITIONAL-EMAIL (As Per Record)	a2zsoftech.2010@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	08/07/2022

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Application Details	
APPLICATION NUMBER	202211038706
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/07/2022
APPLICANT NAME	1 . Dr. Suryabhan Pratap Singh 2 . Dr. G. Radha Krishna Murthy 3 . Dr. Anni Arnav 4 . Dr. LB Muralidhar 5 . Nitesh Kumar Saxena 6 . Vipin Deval 7 . Kanu Nanda 8 . Dr. Melanie Lourens 9 . Iskandar Muda 10 . Mr. Kannadasan B
TITLE OF INVENTION	METHODOLOGY TO OBSERVE THE IMPACT OF THE INTERNET OF THINGS ON JOB FLEXIBILITY AND PRODUCTIVITY IN THE IT ECONOMY
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	a2zsoftech.2010@gmail.com
ADDITIONAL-EMAIL (As Per Record)	a2zsoftech.2010@gmail.com
E-MAIL (UPDATED Online)	
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PUBLICATION DATE (U/S 11A)	15/07/2022

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2022

(21) Application No.202211057682 A
(43) Publication Date : 21/10/2022

(54) Title of the invention : MACHINE LEARNING AND DEEP LEARNING ARCHITECTURE FOR INTRUSION DETECTION WITH FEATURE SELECTION

(51) International classification	:G06K0009620000, G06N0003080000, G06N0020000000, G06N0020200000, G06F0021550000
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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Name of Applicant : NA
Address of Applicant : NA
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Address of Applicant :Assistant Professor Department of Applied Science and Humanities, Himalayan School of Science and Technology, Swami Rama Himalayan University, Dehradun, Pin: 248016 Uttarakhand India ---------- ----------

(57) Abstract :
A trustworthy intrusion system will deliver accurate categorization findings while saving time. This is a crucial element of any intrusion detection system. The primary objective of this research was to discover the optimal method for combining training functions and feature selection for optimal performance. We offer a method for identifying intrusions using a deep learning-based multi-classifier ensemble and the random forest feature selection method. With so much information to analyse, the intrusion detection system will undoubtedly identify redundant and noisy characteristics. If the classifier approach is inadequate, detection will become even less precise. After using random forest feature selection to establish the ideal subset of features for training the support vector machine, decision tree, naive bayes, and k-nearest neighbour classification algorithms, it used deep learning to aggregate the results from all four classifiers. The results of the experiment indicate that the proposed method has a strong chance of delivering substantially more precise intrusion detection than the conventional voting system.

No. of Pages : 11 No. of Claims : 10

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Application Details

APPLICATION NUMBER	202221063227
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/11/2022
APPLICANT NAME	1 . N. C. Ajay Vishwath 2 . Brijeshkumar Jayantibhai Patel 3 . Dr. Suryabhan Pratap Singh 4 . Dr. Sheshang Degadwala 5 . Radhika Bharatbhai Patel 6 . Amitkumar Jaydevbhai Nayak
TITLE OF INVENTION	MACHINE LEARNING STRATEGIES APPROACH FOR ANALYSIS OF IOT TRAFFIC MECHANISMS IN AN IOT CLOUD ENVIRONMENT
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	soni.mukesh15@gmail.com
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E-MAIL (UPDATED Online)	
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Department for Promotion of Industry and Internal Trade
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Application Details

APPLICATION NUMBER	202211063346
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/11/2022
APPLICANT NAME	1 . Komal 2 . Djabeur Mohamed Seifeddine Zekrifa 3 . Gurpreet Singh 4 . Dr. Sheshang Degadwala 5 . Debabrata Dansana 6 . Dr. Suryabhan Pratap Singh
TITLE OF INVENTION	PREDICTION OF MALICIOUS COMMUNICATION IN VEHICULAR ADHOC NETWORK USING ARTIFICIAL INTELLIGENCE TECHNIQUE.
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	soni.mukesh15@gmail.com
ADDITIONAL-EMAIL (As Per Record)	soni.mukesh15@gmail.com
E-MAIL (UPDATED Online)	
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PUBLICATION DATE (U/S 11A)	18/11/2022

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2023/0154306 A1**

Srivastava et al. (43) **Pub. Date: May 18, 2023**

(54) **ARTIFICIAL INTELLIGENCE BASED SMART HAND SANITIZATION SYSTEM FOR ELDERLY**

(71) Applicants: **Deepak Srivastava**, Dehradun (IN); **Dilip Kumar J. Saini**, Dehradun (IN); **Neeraj Rathore**, Dehradun (IN); **Shuchi Mall**, Gorakhpur (IN); **Ashutosh Bhatt**, Dehradun (IN); **Suryabhan Pratap Singh**, Gorakhpur (IN); **Rajkumar Jain**, Indore (IN); **Pranjal Maurya**, Gorakhpur (IN); **Shailesh Kumar**, Noida (IN); **Devendra Prasad**, Dehradun (IN); **Seema Garg**, Noida (IN)

(72) Inventors: **Deepak Srivastava**, Dehradun (IN); **Dilip Kumar J. Saini**, Dehradun (IN); **Neeraj Rathore**, Dehradun (IN); **Shuchi Mall**, Gorakhpur (IN); **Ashutosh Bhatt**, Dehradun (IN); **Suryabhan Pratap Singh**, Gorakhpur (IN); **Rajkumar Jain**, Indore (IN); **Pranjal Maurya**, Gorakhpur (IN); **Shailesh Kumar**, Noida (IN); **Devendra Prasad**, Dehradun (IN); **Seema Garg**, Noida (IN)

(21) Appl. No.: **17/691,035**

(22) Filed: **Mar. 9, 2022**

(30) **Foreign Application Priority Data**

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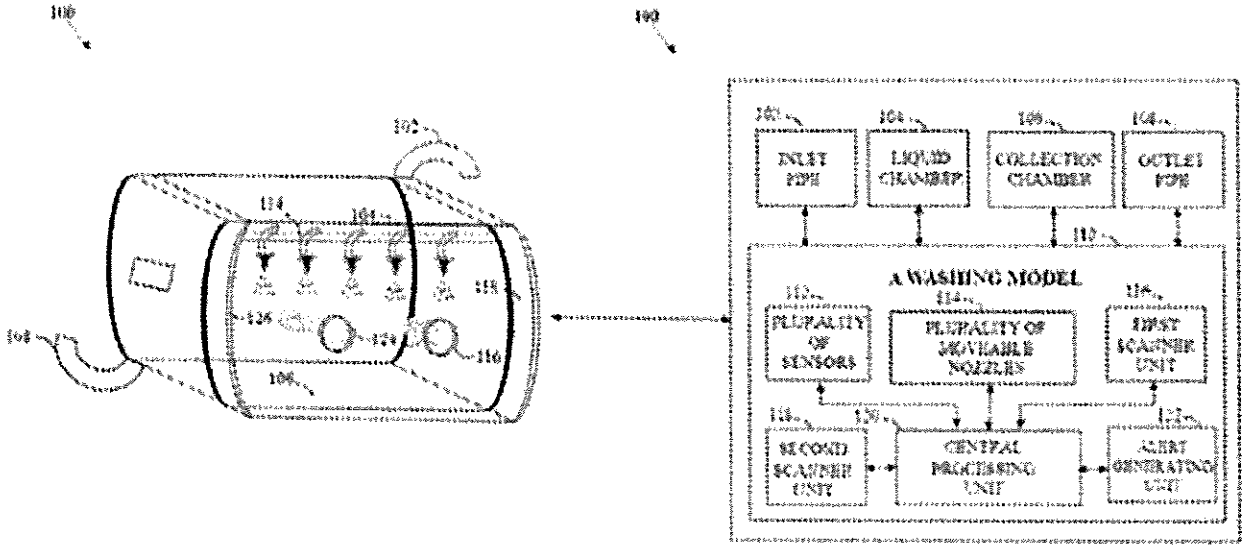
G08B 21/24	(2006.01)
G08B 21/04	(2006.01)
G08B 7/06	(2006.01)
A61L 2/00	(2006.01)
A61L 2/24	(2006.01)

(52) **U.S. Cl.**

CPC ***G08B 21/245*** (2013.01); ***G08B 21/04*** (2013.01); ***G08B 7/06*** (2013.01); ***A61L 2/0088*** (2013.01); ***A61L 2/24*** (2013.01); ***A61L 2202/14*** (2013.01); ***A61L 2202/15*** (2013.01)

(57) **ABSTRACT**

The present invention relates to an artificial intelligence based smart hand sanitization system (**100**) for elderly is provided. The system (**100**) comprises an inlet pipe (**102**), a liquid chamber (**104**), a washing model (**110**), a collection chamber (**106**), and an outlet pipe (**108**). The washing model (**110**) comprises a plurality of sensors (**112**), a first scanner unit (**116**), and a plurality of moveable nozzles (**114**), a second scanner unit (**118**), a central processing unit (**120**), and an alert generating unit (**122**). The smart portable system (**100**) for hand-wash has a plurality of moveable nozzles (**114**) to wash the hands of the user without wetting the accessories and cloth of the user. The present invention is a detachable smart portable system (**100**) for hand wash that can detach from the wall and be re-fixed on the wall according to the user requirement.



Office of the Controller General of Patents, Designs & Trade Marks
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Ministry of Commerce & Industry,
Government of India

Application Details

APPLICATION NUMBER	202211002502
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/01/2022
APPLICANT NAME	1 . Dr. Anjana Rani Gupta 2 . Dr. Himanshu Pandey 3 . Dr. Sudhanshu Aggarwal 4 . Dr. Sahil Thakar 5 . Prof. Manish Sharma
TITLE OF INVENTION	COMPARE THE DATES IN A MONTH WITH THE MONTHLY SALARY USING REGRESSION METHOD.
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	dr.bksarkar2003@yahoo.in
ADDITIONAL-EMAIL (As Per Record)	dr.bksarkar2003@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
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THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	364913-001
तारीख / Date	:	26/05/2022
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **IOT BASED COVID -19 SYMPTOMS INDICATOR BAND** से संबंधित है, का पंजीकरण, श्रेणी **10-04** में 1.Pradyumna Kumar 2. Munish Saran 3.Ritesh Kumar Singh 4.Yogesh Ashok Handge 5.Dilip Kumar J Saini 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 **10-04** in respect of the application of such design to **IOT BASED COVID -19 SYMPTOMS INDICATOR BAND** in the name of 1.Pradyumna Kumar 2. Munish Saran 3.Ritesh Kumar Singh 4.Yogesh Ashok Handge 5.Dilip Kumar J Saini.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

निर्गमन की तारीख/Date of Issue : 18/04/2023

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