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ORIGINAL

No. 77436

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CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 317786-001
Date 16/05/2019
Reciprocity Date*
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 12-16 in respect of the application of such design to AUTOMATIC IMAGE SENSING AND HEIGHT ADJUSTABLE SUNGLASS VISOR FOR VEHICLE in the name of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, SCHOOL OF COMPUTER ENGINEERING JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA.

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

Okupla

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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.
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SATHYABAMA INSTITUTE OF SCIENCE AND
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ENGINEERING, JEPPIAAR NAGAR, RAJIV GANDHI
SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

Date of Issue 08/07/2019 11:44:43



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No. 77778

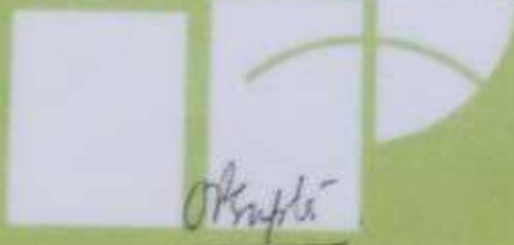
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Design No. 317785-001
Date 16/05/2019
Reciprocity Date*
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 02-06 in respect of the application of such design to HAND GLOVES WITH THERMOMETER & DIGITAL DISPLAY in the name of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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Date of Issue 12/07/2019 15:25:55



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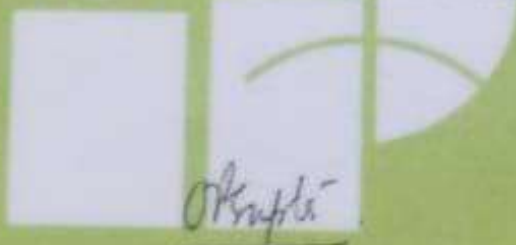
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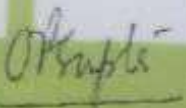
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CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 316963-001
Date 18/04/2019
Reciprocity Date*
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-03 in respect of the application of such design to AGRICULTURAL DRONE WITH PESTICIDE SPRAYER in the name of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, SCHOOL OF COMPUTING ENGINEERING, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA.

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SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

Date of Issue 03/07/2019 12:49:20

Application Details

APPLICATION NUMBER	201941014765
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/04/2019
APPLICANT NAME	DR S. PRAYLA SHYRY
TITLE OF INVENTION	VOICE CONTROLLED AUTOMATED SMART WHEELCHAIR
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	suja200165@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	12/04/2019
PUBLICATION DATE (U/S 11A)	17/05/2019

Application Status

APPLICATION STATUS

Application Awaiting Examination

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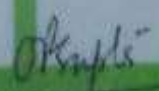
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CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 316673-002
Date 11/04/2019
Reciprocity Date*
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 29.99 in respect of the application of such design to ROBOT FOR IDENTIFYING SPILLED HAZARDOUS MATERIAL ON FLOOR in the name of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119, TAMILNADU, INDIA

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


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No. 76217

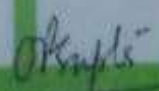
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CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 316673-002
Date 11/04/2019
Reciprocity Date*
Country

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Date of Issue 13/06/2019 15:09:31



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



Application Details

APPLICATION NUMBER	202041010208
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/03/2020
APPLICANT NAME	DR.G. NAGARAJAN
TITLE OF INVENTION	DIGITAL NODAL EQUATION GENERATOR FOR SMART LEARNING VIA MOBILE DEVICE
FIELD OF INVENTION	FOOD
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	nagarajanme@yahoo.co.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	17/09/2021

(12) PATENT APPLICATION PUBLICATION

(21) Application No. **201741038384 A**

(19) INDIA

(22) Date of filing of Application :30/10/2017

(43) Publication Date : 22/11/2019

(54) Title of the invention : SMART TRAFFIC CONTROL SYSTEM USING IOT BASED MONITORING SYSTEM

(51) International classification	:G08G 01010	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S.L Jany Shabu
(32) Priority Date	:NA	Address of Applicant :Sathyabama University, Jeppiar Nagar,
(33) Name of priority country	:NA	Rajiv Gandhi Road, Sholinganallur, Chennai, Tamilnadu, India,
(86) International Application No	:NA	Pin Code-600 119, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Ms. J.S.L.JanyShabu
(61) Patent of Addition to Application Number	:NA	2)Dr.Prayla Shyry
Filing Date	:NA	3)Ms.J.Refonaa
(62) Divisional to Application Number	:NA	4)Ms.Stefi Sterlin
Filing Date	:NA	5)Dr. Kavitha Esther Rajakumari
		6)Dr.P.Asha

(57) Abstract :

Traffic control systems with fixed lime were not helping to control traffic congestion in particular routes during peak times. To overcome, we came with a new solution for the above said problem, in this system, there will be four ultrasonic sensors in one intersection for the four-way road. A controller will be connected with this sensor which will be responsible for traffic level. The RFID will be placed under the road to identify the vehicle. The hardware's that we will be using are: Arduino Controller (for traffic light controlling), Ultrasonic Sensor (traffic level monitoring), RFID Reader (for vehicle detection) and IOT (data uploading) which will be able to control and predict the traffic level. In this system, an ultrasonic sensor placed on road side will observe the vehicular traffic flow continuously on a road. Then the RFID reader detects the vehicles and counts the number of vehicles presents on the particular road section. The ultrasonic sensor detects the traffic level present on the road. Depending on the number of detected vehicles through sensors we have to blink the green light depends on traffic level at particular road sides.

No. of Pages : 8 No. of Claims : 4