

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 22/2022
ISSUE NO. 22/2022

शुक्रवार
FRIDAY

दिनांक: 03/06/2022
DATE: 03/06/2022

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241025727 A

(19) INDIA

(22) Date of filing of Application :03/05/2022

(43) Publication Date : 03/06/2022

(54) Title of the invention : SMART HOME AUTOMATION SYSTEM AND METHOD FOR CONTROLLING OF ELECTRICAL APPLIANCES

<p>(51) International classification :H04L0012280000, H04L0029080000, G05B0019042000, G05B0019418000, A47L0015000000</p> <p>(86) International Application No Filing Date :PCT// :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number Filing Date :NA :NA</p> <p>(62) Divisional to Application Number Filing Date :NA :NA</p>	<p>(71)Name of Applicant : 1)CMR College of Engineering & Technology Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India. ----- 2)Dr. M. Mahalakshmi 3)A.Rahul Raj 4)Anusha Vasamsetti 5)Gajanand Reddy 6)Dr. M. Suresh 7)E.N.V Purna Chandra Rao 8)B. Venkateshwar Rao 9)S. Krishnaveni Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Dr. M. Mahalakshmi Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India. ----- 2)A.Rahul Raj Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India. ----- 3)Anusha Vasamsetti Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India. ----- 4)Gajanand Reddy Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India. ----- 5)Dr. M. Suresh Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India. ----- 6)E.N.V Purna Chandra Rao Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India. ----- 7)B. Venkateshwar Rao Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India. ----- 8)S. Krishnaveni Address of Applicant :CMR College of Engineering & Technology, Kandlakoya, Medchal Road, Hyderabad, Telangana, India. -----</p>
--	---

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a smart home automation system and method for controlling electric appliances, comprising: a processing device configured to receive one or more input signals from an Internet of Things (IoT) platform, and one or more sensors, the processing device generates an output signal based on the input signal received from the Internet of Things (IoT) platform and one or more sensors to control electric appliances, the processing device communicatively connected with a motor driver, the motor driver configured to drive the relay, the motor driver receives the signal from the processing device, the motor driver transmits the signal to the relay, the relay configured to connect the one more electrical appliances, the relay act as a switch to control(ON/OFF) voltages of the one more electrical appliances. Fig. 1

No. of Pages : 26 No. of Claims : 10