

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211020567 A

(19) INDIA

(22) Date of filing of Application :05/04/2022

(43) Publication Date : 25/11/2022

(54) Title of the invention : SYSTEM FOR CONTROLLING SWITCH FROM A REMOTE CONTROL

(51) International classification :H04L0012280000, H01R0025000000, H05B0047120000, G01C0021340000, G05B0015020000

(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)Chitkara University**

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

**2)Chitkara Innovation Incubator Foundation**

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)SHARMA, Kapil**

Address of Applicant :Department of Computer Science and Engineering, Chitkara University, Chandigarh-Patiala National Highway, Village Jansla, Rajpura, Punjab - 140401, India. -----

**2)SINGH, Gurpreet**

Address of Applicant :Department of Computer Science and Engineering, Chitkara University, Chandigarh-Patiala National Highway, Village Jansla, Rajpura, Punjab - 140401, India. -----

**3)DHALARIA, Meghna**

Address of Applicant :Department of Computer Science and Engineering, Chitkara University, Chandigarh-Patiala National Highway, Village Jansla, Rajpura, Punjab - 140401, India. -----

(57) Abstract :

The present disclosure provides a system to be attached with an existing manual switch to enable a user to control the manual switch with a remote control (110). The remote control (110) can include a transmitter (112) to provide instructions to the manual switch. The system (100) receives the instructions from the remote control (110) and correspondingly energised or de-energised an actuator 106 positioned with the manual switch. When the actuator is energised, the manual switch is turned ON, and associated light, fan, or home appliance is activated. Similarly, when the actuator is de-energised, the manual switch is turned OFF, thus deactivating the associated light, fan, or home appliances.

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