

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 20/2022
ISSUE NO. 20/2022

शुक्रवार
FRIDAY

दिनांक: 20/05/2022
DATE: 20/05/2022

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : SYSTEM AND METHOD TO AUTOMATING CONTROLS OF SMART CEILING FAN

(51) International classification :F04D0025080000, F04D0027000000, H05K0007200000, F21V0033000000, H01L0021680000

(86) International Application No :PCT//
Filing Date :01/01/1900

(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

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(57) Abstract :
 Exemplary embodiments of the present disclosure are directed towards automating the controls of smart ceiling fan, comprising: a potentiometer configured to control a smart ceiling fan, the potentiometer is a type of position sensor and the potentiometer acts as a variable resistor or rheostat, a processing device connected to an ultrasonic sensor to control the smart ceiling fan, a plurality of computing devices configured to enable a user to control smart ceiling fan through a control fan module, an ultrasonic sensor is configured to measure the distance to an object using ultrasonic sound waves, a single channel relay is configured to control a high voltage, a high current load such as motor, solenoid valves, lamps, and AC load. Fig. 1

No. of Pages : 20 No. of Claims : 5