

Publication After 18 Months:

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211002223 A

(19) INDIA

(22) Date of filing of Application :14/01/2022

(43) Publication Date : 21/07/2023

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING WEATHER BASED FANS

(51) International classification	:F24F0110200000, F24F0011300000, F24F0110100000, F24F0011000000, F24F0110220000	(71)Name of Applicant : 1)CHITKARA INNOVATION INCUBATOR FOUNDATION Address of Applicant :SCO: 160-161, SECTOR – 9C, MADHYA MARG, CHANDIGARH – 160009, INDIA Email- sachin.ahuja@chitkara.edu.in Mobile No. – 9217730035 Punjab India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Isha Gupta
(33) Name of priority country	:NA	2)Rubina Dutta
(86) International Application No	:NA	3)Amandeep Singh
Filing Date	:NA	4)Rajeev Kumar
(87) International Publication No	: NA	5)Swati Singh
(61) Patent of Addition to Application Number	:NA	6)Amanpreet Sandhu
Filing Date	:NA	7)Gurjinder Kaur
(62) Divisional to Application Number	:NA	8)Meenu Garg
Filing Date	:NA	9)Poonam Jindal

(57) Abstract :

A system (100) comprising: an occupancy sensor (102); humidity sensors (112a-112n); control unit (106): compares level of infrared radiations with first, second pre-defined level; compares humidity with first, second, third pre-defined humidity; activate fans (116a-116n) at medium speed when the humidity lies within range of the first pre-defined humidity; activate the fans (116a-116n) at the medium speed when the humidity lies within range of the second pre-defined humidity; activate the fans (116a-116n) at low speed when the humidity lies within range of the third pre-defined humidity; compare the humidity with fourth, fifth, sixth pre-defined humidity; activate the fans (116a-116n) at full speed, when the humidity is greater than the fourth pre-defined humidity; activate the fans (116a-116n) at the full speed when the humidity lies within range of the fifth pre-defined humidity; activate the fans (116a-116n) at the medium speed when the humidity lies within range of the sixth pre-defined humidity.

No. of Pages : 30 No. of Claims : 10