

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011044105 A

(19) INDIA

(22) Date of filing of Application :09/10/2020

(43) Publication Date : 15/04/2022

(54) Title of the invention : A MOUNTING APPARATUS FOR A FAN TO REDUCE RISK OF DISASTER DUE TO EXCESS LOAD

(51) International classification	:G06K0009000000, F04D0027000000, F04D0029600000, F04D0019000000, B64C0025000000	(71) Name of Applicant : 1)Chitkara Innovation Incubator Foundation Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
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(86) International Application No	:NA	3)KAUR, Amanpreet
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	

(57) Abstract :

The present disclosure provides a mounting apparatus for a fan, which includes: a mounting element coupling the fan to a support structure such that the fan is at a predetermined height from a ground, the mounting element configured to move from a contracted state to an extended state on receipt of a first signal, wherein, when the mounting element moves to the extended state, the fan moves towards the ground; a sensor coupled to the mounting element and configured to detect a load acting on the mounting element; and a controller configured to generate the first signal when the load is greater than a threshold value, and the mounting element moves to the extended state leading to a relative decrease in the predetermined height. The threshold value is indicative of load placed on the mounting element in addition to weight of the fan.

No. of Pages : 16 No. of Claims : 10