

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111014544 A

(19) INDIA

(22) Date of filing of Application :30/03/2021

(43) Publication Date : 23/12/2022

(54) Title of the invention : AERIAL LANTERN LAUNCHING DEVICE

(51) International classification	:F21V0021060000, A47G0033000000, A47F0007020000, G02B0007000000, B60R0025240000	(71)Name of Applicant : 1)Chandigarh Group of Colleges, Jhanjeri Address of Applicant :State Highway 12A Jhanjeri, Sahibzada Ajit Singh Nagar, Punjab 140307, India. Punjab India
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(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	

(57) Abstract :

An aerial lantern launching device, comprising a portable frame 1 placed on a ground surface and configured with a first 2 and second section 3, the first section 2 includes a telescopic stand 7 equipped with an imaging unit 4 for detecting height of a user and actuate stand to adjust height of body based on user's convenience, an ultrasonic sensor integrated in frame 1 for detecting diameter of an aerial lantern held by user, an expandable ring 5 attached on second section 3 that includes plurality of plates arranged on motorized gear arrangement for expanding diameter of ring 5, two clips attached on ring 5 for holding lantern, an ignition module 6 embodied in stand 7 that initiates exothermic reaction between sodium hydroxide and fire spark for lighting lantern and a blower 8 attached to stand 7 for providing warm air inside lantern facilitating in launching lantern. Ref. Figure 1

No. of Pages : 13 No. of Claims : 6