

(54) Title of the invention : OUTDOOR LAUNDRY DRYING DEVICE

(51) International classification	:D06F0057080000, D06F0057060000, D06F0057120000, D06F0058020000, D06F0058300000	(71)Name of Applicant : <b>1)Chandigarh Group of Colleges, Jhanjeri</b> 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	<b>3)Arvind Kumar</b>
Filing Date	:NA	<b>4)Pardeep Kumar</b>
(87) International Publication No	: NA	<b>5)Sarabjit Singh</b>
(61) Patent of Addition to Application Number	:NA	<b>6)Kushdeep Singh</b>
Filing Date	:NA	<b>7)Sagar Singh</b>
(62) Divisional to Application Number	:NA	<b>8)Sahil Kumar</b>
Filing Date	:NA	

(57) Abstract :

An outdoor laundry drying device includes a pair of telescopic-poles 1 positioned on ground and attached with multiple-motorized-omnidirectional-wheels 2 for moving poles 1, two pairs-of-motorized-roller 3 wrapped with electromagnetic-strings 4, 5 assembled on poles 1 that rotates to unwrap strings 4, 5 for hanging user-input number of washed-laundries as input on display-unit 6, an AI based-camera 7 mounted on poles 1 for detecting laundry's dimensions, multiple clipping-elements 8 arranged on string 4 via respective motorized-sliding-member 9 for aligning at specific distance, a pair of motorized-claw-fingers 10 related to clipping-elements 8 and connected via motorized-hinge-joint 11, an ultrasonic-sensor fabricated on claw-fingers 10 detects laundry's presence to open claw-fingers 10 to accommodate laundry which is detected by a laser-sensing-module arranged amid claw-fingers 10, followed by closing claw-fingers 10 to hold laundry, multiple-sensors for detecting weather-conditions and accordingly activates handling-tool 12 arranged on second-string 5 for disengaging and placing laundry into storage-chamber 16.

No. of Pages : 15 No. of Claims : 6