

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011012671 A

(19) INDIA

(22) Date of filing of Application :23/03/2020

(43) Publication Date : 24/09/2021

(54) Title of the invention : AUTOMATED CLEANING DEVICE

(51) International classification	:A47L0015000000, B01F0015020000, B08B0005020000, A61M0003020000, F24D0019100000	(71)Name of Applicant : <b>1)CGC Technical Campus Jhanjeri</b> Address of Applicant :State Highway 12A Jhanjeri, Sahibzada Ajit Singh Nagar, Punjab 140307, India. Punjab India
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)Dr. Sajjan Singh</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(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 automated cleaning device comprising a pipe 1 associated with the device that diverges into two sub-pipes for directing water/air on an object, wherein a first sub-pipe is disposed inside a water tank 2 for washing the object and a second sub-pipe is disposed inside an air tank 3 for drying the object, a pressable knob 4 fitted on the pipe 1 that allows a user to control flow of the water/air inside the pipe 1 via an adjustable valve, a pump 5 associated with each of the sub-pipes for pulling up the water/air with high pressure for being directed out of the pipe 1 and a controller linked to the pumps 5 for actuating the operation of the pumps 5 upon being selectively powered by the user via at least two switches.

No. of Pages : 11 No. of Claims : 7