

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111014556 A

(19) INDIA

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

(43) Publication Date : 23/12/2022

(54) Title of the invention : AUTOMATED MAINTENANCE SYSTEM FOR SPORT EQUIPMENTS

(51) International classification	:B08B0005020000, B62B0005000000, B62B0003020000, A61L0002240000, A47J0044000000	(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 automated maintenance system for sport equipments includes a frame having multiple containers interconnected with each other, wherein a control unit is installed within one of the containers, an Artificial Intelligence (AI) camera module 5 installed with the frame, a first container 1 equipped with multiple nozzles, a motorized gripper arm 6, wherein the arm 6 hold and move a gearhead 7 in predefined angle, a second container 2 adapted with a motorized rotating hanger 8 to hold protective wearables, wherein the control unit actuates an ultrasonic dryer 15 and air blower 9, a third container 3 having a stand 10 to hold a blade, an grinding unit 12, and oil dispensing unit 11, wherein a cloth 16 fabricated on a motorized sliding arrangement, and a fourth container 4 arranged with a rack 13 to store shoes, wherein a telescopic rod 14 is equipped with a cloth piece. Ref. Figure 1

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