

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111014026 A

(19) INDIA

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

(43) Publication Date : 10/02/2023

(54) Title of the invention : WATER DISCHARGE REGULATING DEVICE

(51) International classification	:A63B0024000000, G06Q0020320000, H04N0021472200, B62H0005000000, G01C0021160000	(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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(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 :

A water discharge regulating device, comprising cylindrical unit 1 mounted over opening of a bottle and is inscribed with grooves in order to secure unit 1 over bottle by turning up to certain degree, computing unit paired to cylindrical unit 1 via communication module, wherein user via computing unit sets details regarding volume of water, user wishes to consume each time from bottle, camera module 2 mounted over unit 1 and paired to microcontroller that captures images of user to create user profile, spatial motion sensor paired to microcontroller, wherein sensor calculates linear and angular velocity of bottle and in combination with images of camera 2 determines user wishes to tilt bottle to drink water and iris lid 3 fabricated within unit 1 and operated via microcontroller, wherein lid 3 opens up to certain degree and for specific time to discharge optimum quantity of water as per user's profile data. Ref. Figure 1

No. of Pages : 13 No. of Claims : 5