

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011012531 A

(19) INDIA

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

(43) Publication Date : 24/09/2021

(54) Title of the invention : MIXING BOTTLE APPARATUS

(51) International classification	:B01F0015000000, B65D0051280000, G01D0005140000, B05C0019040000, C02F0001680000	(71) Name of Applicant : 1)CGC Technical Campus Jhanjeri 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 : 1)Narinder Kaur
(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 :

The present invention relates to a mixing bottle apparatus comprising, a bottle body 3 used for containing beverage(s) fitted with a cap 1 containing two slots for storing powder and for water outlet, a rotating disk 2 fitted below the cap engraved with large opening slot provides passage for the powder or water, a rotating shaft 4 interconnected to the disk 2, submerged inside the body 3 to rotate the disk 2 and combine slots of the disk 2 and cap 1 to allow flow of powder, a pair of gear 7 connected to the shaft 4 assembled with each other to provide rotational motion to the shaft 4 along with flaps 5 fitted on shaft 4 that aids in mixing powder and water for making beverage, a handle 6 interlinked to the pair of gear 7 connected via a rope which when pulled, rotates the pair of gear 7.

No. of Pages : 11 No. of Claims : 6