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(54) Title of the invention : AUTOMATED BEVERAGE DISPENSING DEVICE FOR VISUALLY IMPAIRED PERSON

(51) International classification	:F02M0057000000, G09B0021000000, B65F0001140000, B67D0001080000, B25J0013000000	(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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(57) Abstract :

An automated beverage dispensing device for visually impaired person comprises of a body 1 having first and second portion 2, 3 filled with beverage, motorized wheels 4 attached at first portion 2 via telescopic rods 5 to maneuver body 1, an artificial intelligence based image capturing module 6 mounted over body 1 to capture multiple images of surroundings, a voice recognition module 7 mounted over body 1 to detect user's voice commands, a gimbal arrangement 8 installed in between rods 5 and body 1 to maintain balance, a temperature sensor 9 installed over body 1 to measure temperature of beverage, an audio unit 13 installed over body 1 for generating an alert, a pneumatic cover 10 attached at second portion 3 of body 1 to eliminate spillage chances, the cover 10 attached with body 1 via circular slider 12 attached along periphery of body 1 to provide cover 10.

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