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(71)Name of Applicant :

1)Noida Institute of Engineering & Technology

Address of Applicant :Plot No-19, Knowledge Park - 2, Institutional Area, Greater Noida (UP) – 201306, India. Greater Noida -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Dr. Ratna Nitin Patil

Address of Applicant :Department of Computer Science and Engineering, Artificial Intelligence & Machine Learning (AIML), Noida Institute of Engineering & Technology, Plot No-19, Knowledge Park - 2, Institutional Area, Greater Noida (UP) – 201306, India. Greater Noida -----

2)Alka Singh

Address of Applicant :Department of Computer Science and Engineering, Artificial Intelligence & Machine Learning (AIML), Noida Institute of Engineering & Technology, Plot No-19, Knowledge Park - 2, Institutional Area, Greater Noida (UP) – 201306, India. Greater Noida -----

3)Anamika Tiwari

Address of Applicant :Department of Computer Science and Engineering, Artificial Intelligence & Machine Learning (AIML), Noida Institute of Engineering & Technology, Plot No-19, Knowledge Park - 2, Institutional Area, Greater Noida (UP) – 201306, India. Greater Noida -----

(57) Abstract :

An automatic medical syrup administration device comprising an enclosure 1 constructed with a platform 2 for positioning a user, a weight sensor 3 is installed on the platform 2 for detecting weight of the user, a vertical pole 4 equipped with a thermal imaging unit 5 for decoding the age and gender of the user, and determines an amount of medicated syrup to be administered, a body 6 is utilized for placing a bottle of medicated syrup, a gripper 7 for shaking the bottle so as to mix ingredients of the medicated syrup, a clamp 8 for gripping a cap of the bottle in order to remove the cap from the bottle, a robotic arm 12 equipped with a spoon 13, and the spoon 13 is inserted within the user's mouth by the help of robotic arm 12 thereby delivering the syrup to the user in an errorless manner.

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