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(54) Title of the invention : FLUID INFUSION MONITORING SYSTEM

(51) International classification	:A61M0005168000, G01F0023000000, A61M0005140000, G01F0023292000, G01F0023296000	(71) <b>Name of Applicant :</b> <b>1)Chitkara Innovation Incubator Foundation</b> Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
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(57) Abstract :

A fluid infusion monitoring system 100 is disclosed, the system 100 includes a container 102 to store fluid such as glucose solution, drug solution, blood, and etc., and an ultrasonic sensor 104 coupled at the container 102 to detect fluid level in the container 102 continuously. The system 100 includes a processing unit 108 configured to check if fluid level reached to a first level and a second level, and correspondingly generate alert signals. When fluid level reached to the first level, actuate an alert unit 110 to notify nearby people, and when fluid level reached to the second level, transmit alert signals to one or mobile computing devices associated with family member, care taker, doctor, and hospital staff to control the flow of fluid remotely by actuating a regulation unit 106.

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