Patent Search

Invention Title	SYSTEM AND METHOD FOR MONITORING INTRAVENOUS FLUID LEVEL IN AN INTRAVENOUS FLUID BOTTLE
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Abstract:

SYSTEM AND METHOD FOR MONITORING INTRAVENOUS FLUID LEVEL IN AN INTRAVENOUS FLUID BOTTLE ABSTRACT A system (100) for monitoring Intravenous (IV) f
Intravenous (IV) fluid bottle (102), comprising: fluid level sensor (104) attached to the IV fluid bottle (102), and configured to measure a level of IV fluid in the IV fluid b
processing unit (110) enclosed within a case (106), and configured to: receive the measured level of IV fluid in the IV fluid bottle (102) from the fluid level sensor (104);
measured level of IV fluid with a critical level; display a notification indicating an “insufficient IV fluid” in a status display screen (132) of a monitoring application (120)
measured level of IV fluid is less than or equal to the critical level; and enable a sound unit (116) enclosed within the case (106) to generate a sound when the measur
fluid is less than or equal to the critical level. Claims: 10, Figures: 8 Figure 1A is selected.

Complete Specification

Description:BACKGROUND

Field of Invention

[001] Embodiments of the present invention generally relate to a level monitoring system and particularly to a system and method for monitoring intravenous fl
in an intravenous fluid bottle.

Description of Related Art

[002] Medical field has seen a lot of advancements in terms of technology usage. In every hospital, a nurse is responsible for monitoring electrolyte’s bottle level
However, most of the time, an observer can forget to change a bottle at a correct time due to their busy schedule. Due to this, a blood can flow in a reverse directio

[003] Currently, hospitals are equipped with Intravenous Infusion pumps that have been used during medical response operations to deliver accurate rates of IV
or medication. However, these infusion pumps are available in intensive care units and operation theatres in only multi-specialty hospitals. Moreover, these Intrave
Infusion pumps are costly and bulky due to which it is not affordable by every hospital.

[004] There is thus a need for an improved and advanced system and method for monitoring intravenous fluid level in an intravenous fluid bottle that can admi
the aforementioned limitations in a more efficient manner.

SUMMARY

[005] Embodiments in accordance with the present invention provide a system for monitoring Intravenous (IV) fluid level in an Intravenous (IV) fluid bottle. The s
comprising: a fluid level sensor attached to the IV fluid bottle. The fluid level sensor is configured to measure a level of IV fluid in the IV fluid bottle. The system furth

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