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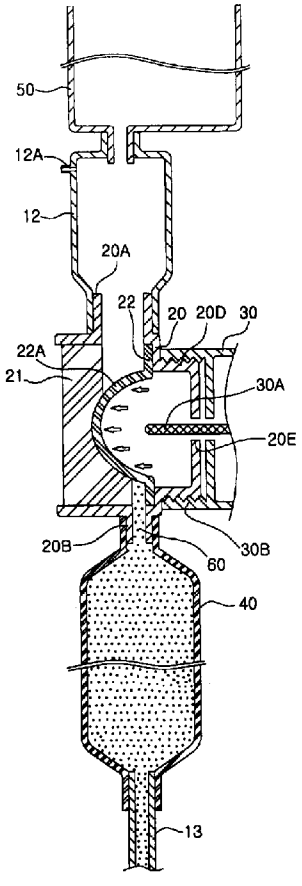
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(54) Title: LIQUID BLOCKING APPARATUS AND SYSTEM EQUIPPED WITH AN ALARM OR WIRELESS CALLING DEVICE AND A STORING BAG



(57) Abstract: The present invention is related to a liquid blocking apparatus and a system thereof, wherein if the liquid contained in an IV bag or a liquid tank is oozed out completely, the flow of liquid is blocked, the alarm lamp is turned on, the alarm sound is generated, and then the supply of liquid is maintained for a predetermined time. A liquid blocking apparatus, or an IV set according to the present invention comprises an elastic support strip having a concave portion in a center thereof; an elastic operation strip having a convex portion in contact with said concave portion of said elastic support strip; and a housing including an inlet through which liquid is introduced, and an outlet from which liquid flows out are arranged at an upper and lower side thereof, wherein a pair of an elastic support strip and an elastic operation strip are mounted on one side thereof, and an alarm or a wireless calling device that transmits a wireless signal to the receiver of the integrated briefing room is mounted on the other side thereof; and a storage bag just below the housing. If the liquid is introduced, the convex portion of said elastic operation strip which is in contact with the concave portion of said elastic support strip is projected toward an opposing direction due to the water pressure, and the liquid can pass by, and if the liquid is not introduced, the convex portion of said elastic operation strip covers and blocks the outlet of said housing due to the force for restoring to an original form, and the liquid stored in the storage bag is supplied continuously for a predetermined time. [Representative Drawing] FIG. 1 [Index List] IV set, IV bag, liquid blocking apparatus, liquid tank, elasticity, alarm, wireless calling device, receiver

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