Jan. 5, 1937. C. S. DE WITT 2,066,827

LIQUID DISPENSING DEVICE

Filed Oct. 29, 1934

Fig. 1.

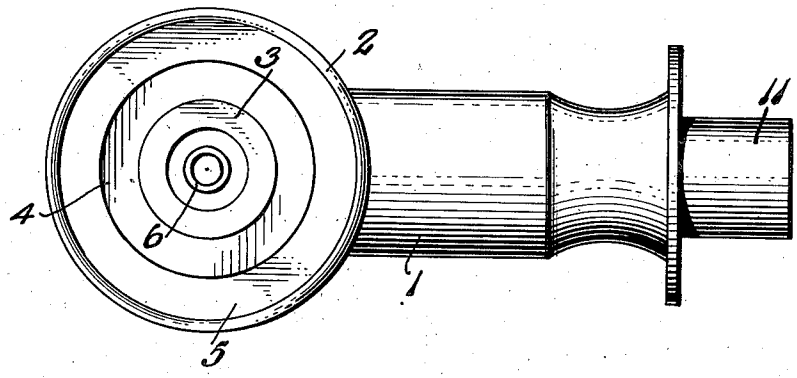
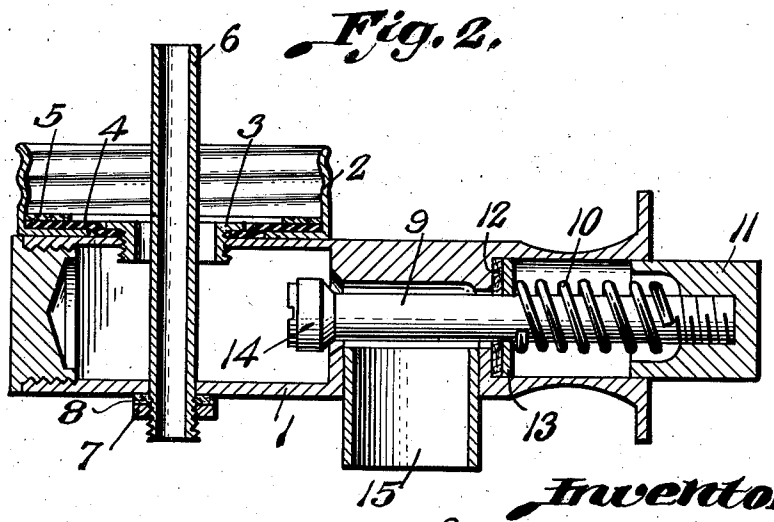


Fig. 2.



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LIQUID DISPENSING DEVICE

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2 Claims. (Cl. 221—94)

My invention relates to a liquid dispensing device whereby liquids are dispensed from original or refilled containers, said containers being held in an inverted position.

An object of my invention is to provide a novel push valve faucet and a screw cap combined in a single unit, the cap being attached to the threaded neck of the container.

A further object is to provide a dispensing device of the character stated in which the cap is swivelly mounted on the dispensing device so that said device can be turned to any desired position relative to the container.

A further object is to provide a dispensing device of the character stated, including an air tube which extends axially thru the threaded cap and whereby air is admitted to the partial vacuum formed in the container above the liquid.

Other objects, advantages and features of invention may appear from the accompanying drawing, the subjoined detailed description, and the appended claims.

In the drawing

Figure 1 is a top plan view of my dispensing faucet.

Figure 2 is a transverse sectional view of the same.

Referring more particularly to the drawing, as shown in the drawing the body 1 of the faucet is an integral piece which is attachable to a container (not shown) by means of a threaded cap 2.

The cap 2 is swivelly attached to the body of the faucet by means of a hollow nut 3 which nut screws into the opening in the top of the body of the faucet. A disc 4 is clamped between the flange of the nut 3 and the body of the faucet. The outer portion of this disc overlays the lower wall of the threaded cap 2, as shown in Fig. 2. A gasket 5 is positioned within the cap 2, so as to prevent leakage around the bottom of the container.

An air tube 6 extends thru the body of the faucet thru the hollow nut 3 and thence upwardly into the container. This tube is held in place by means of a nut 7 which screws onto the bottom of the tube. A washer 8 prevents leakage around the threads of the tube. A valve stem 9, as shown in Fig. 2 is provided in the body of the faucet, which valve stem is normally held in closed position by a spring 10, which spring presses against a thumb nut 11 and against one of the washers 12 or 13.

Packing 14 is mounted on the valve stem to seal the outlet from the faucet. The usual outlet spout 15 permits liquid to flow out of the container. The swivelly mounted cap 2 permits the body of the faucet to be positioned at any desired angle relative to the container. The air tube 6 which extends axially thru the threaded cap, provides an easy and effective assembly and also a means of admitting air to the space in the container above the liquid.

I claim:

1. A liquid dispensing device comprising a faucet body, a valve seated in the body, an outlet spout depending from the body, a threaded cap swivelly mounted on the top of the faucet body, a ferrule threaded into the body, a disc, the inner edge of said disc being clamped under the ferrule, and the outer edge of said disc engaging the cap whereby the cap is swivelly mounted and an air tube extending thru the body and centrally thru the threaded cap.

2. A liquid dispensing device comprising an integrally formed faucet body, valve means in the faucet body, an outlet spout depending from the faucet body, a threaded cap swivelly mounted on top of the faucet body, said cap including an inwardly extending flange on the bottom thereof, a ferrule threaded into the faucet body, a disc, the inner edge of said disc being clamped under the ferrule, the outer edge of said disc bearing against the top of said flange, and an air tube extending thru the body and centrally thru the ferrule, said tube being open at the top and the bottom.

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