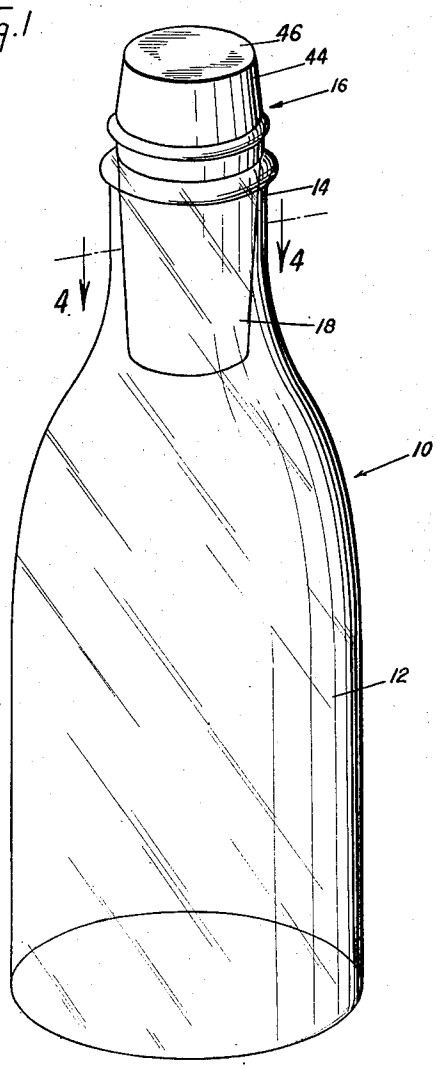
Oct. 8, 1957 H. RADTKE 2,808,964

BOTTLE POURER

Filed Feb. 14, 1956

Fig. 1



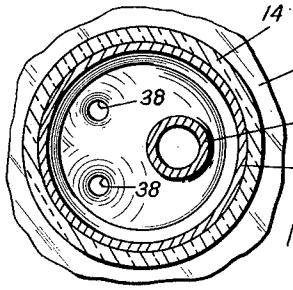


Fig. 4

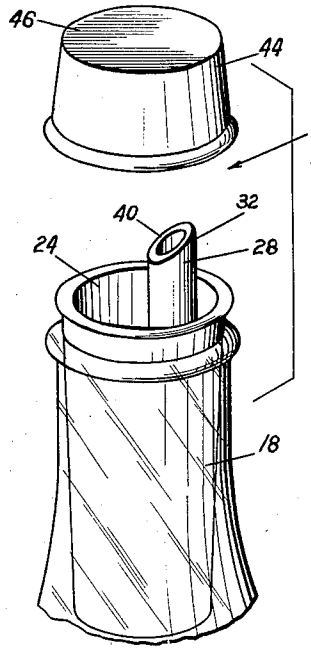


Fig. 2

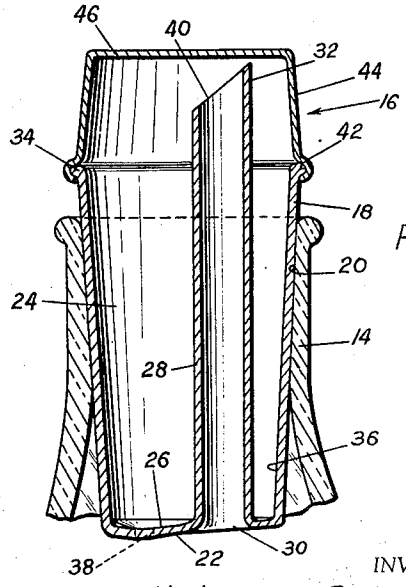


Fig. 3

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BOTTLE POURER

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2 Claims. (Cl. 222—111)

This invention relates generally to closure devices for bottles and the like and is more particularly concerned with a novel bottle pourer which provides a sanitary closure permanently in place in the neck portion of a bottle permitting the entire contents of the bottle to be dispensed, yet presenting a neat appearance as well as providing means for recovering the drippings of the liquid and returning the same to the interior of the bottle upon which the pourer is mounted.

A primary object of invention in conformance with that set forth is to provide a novel bottle pourer comprising a tubular body member closed at one end to provide a cup portion for catching drippings, said body member being insertable in sealing relationship into the neck of a bottle, the wall portion of the body member having extending normal therefrom a pouring nozzle which permits the liquid contained in the bottle to be dispensed, drippings of the liquid flowing down the outer side of the pouring nozzle to the cup portion of the pourer, the wall portion of the bottle pourer including aperture means therethrough permitting the entrance of air into the bottle as liquid is dispensed and permitting the drippings to fall back onto the bottle.

A further object of invention in conformance with that set forth is to provide a sealing cap on the novel bottle pourer which extends in sealing relationship about the outer periphery of the bottle pourer in overlying relationship thereto for substantially sealing the liquid contained in the bottle and preventing contamination thereof.

And still another object of invention in conformance with that set forth is to provide a novel bottle pourer of the character set forth which is readily and economically manufactured, easily used, highly practical, serviceable and acceptable for the purpose intended.

These together with other objects and advantages which will become subsequently apparent reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view of the novel bottle pourer in position on a bottle with which it is being used;

Figure 2 is an exploded perspective view of the novel bottle pourer and the neck portion of a bottle with which it is being used, the sealing cap of the bottle pourer being removed;

Figure 3 is a fragmentary sectional view taken substantially on line 3—3 of Figure 1; and

Figure 4 is a sectional view taken substantially on line 4—4 of Figure 1.

Referring to the drawings in detail, a conventional bottle is indicated generally at **10**, said bottle including a body portion **12** terminating in an upper reduced diameter neck portion **14** into which the novel bottle pourer **16** is sealingly disposed.

The novel bottle pourer **16** includes a tubular body member **18** which is longitudinally tapered in order to afford a proper sealing relationship with the inner periphery **20** of the neck of the bottle. The bottle pourer will be constructed of any suitable material, a suitable relatively rigid plastic, for example, accommodating itself for this purpose. The body member **18** has extending across the lower end thereof a wall portion **22** which defines an interior upwardly opening cup portion **24** for catching liquid drippings therein as subsequently will become apparent. Extending normal from the inner surface portion **26** of the wall **22** is a tubular pouring nozzle **28** which opens through the bottom wall **22** as seen at **30**, and which includes an upper end portion **32** extending beyond the upper end **34** of the body member **18**. The wall **22** diverges from the inner periphery **36** of the body member **18** toward a plurality of transverse apertures **38** extending through the bottom wall **22**, said apertures permitting the entrance of air into the bottle as liquid is dispensed as well as permitting liquid drippings passing along the outside of the tubular nozzle **28** and collected in the cup portion **24** to be directed to the apertures **38** to pass down within the bottle body portion **12**.

If desired, the upper end **32** of the nozzle member **28** may be angulated at **40** to facilitate pouring of the liquid from the bottle, and inasmuch as the end **32** of the nozzle **28** extends beyond the upper edge **34** of the body member **18**, this expedient will facilitate pouring of the liquid from the interior of the bottle. The upper end **34** of the body member **18** includes an enlarged peripheral bead, see Figure 3, which is sealingly engaged with a peripheral groove **42** extending about a skirt portion **44** of a sealing cap.

Thus there has been disclosed a novel bottle pourer which is readily used and which fully conforms with the objects of invention heretofore set forth.

Various positional directional terms such as "lower," "inner," etc. are utilized herein to have only a relative connotation to aid in describing the device and it is not intended to require any particular orientation with respect to any external elements.

The foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

1. A bottle pourer comprising a tubular body member insertable in sealing relationship in the neck of a bottle, an end wall extending across one end of the body member defining a liquid catching cup portion, and a tubular pouring nozzle normal to the end wall and extending longitudinally within the tubular body member for providing means for dispensing liquid with the bottle, said end wall including aperture means extending transversely therethrough whereby liquid dripping from the pouring nozzle flows into the cup portion and returns into the bottle, the bottom wall portion diverging from the inner periphery of the body member toward the aperture means for directing liquid drippings toward said aperture means.

2. A bottle pourer comprising a tubular body member insertable in sealing relationship in the neck of a bottle, an end wall extending across one end of the body member defining a liquid catching cup portion, a tubular pouring nozzle normal to the end wall and extending longitudinally within the tubular body member for providing means for dispensing liquid within the bottle, said end wall including aperture means extending transversely

therethrough whereby liquid dripping from the pouring nozzle flows into the cup portion and returns into the bottle, the tubular body member including a peripheral sealing bead extending around the other end thereof, and a cap member having a skirt portion including a peripheral groove extending about the inner periphery thereof, engageable over the peripheral sealing of the body member.

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