

May 31, 1927.

E. D. SMITH

1,630,867

MILK BOTTLE COVER AND RECEPTACLE

Filed Dec. 28, 1925

Fig. 1.

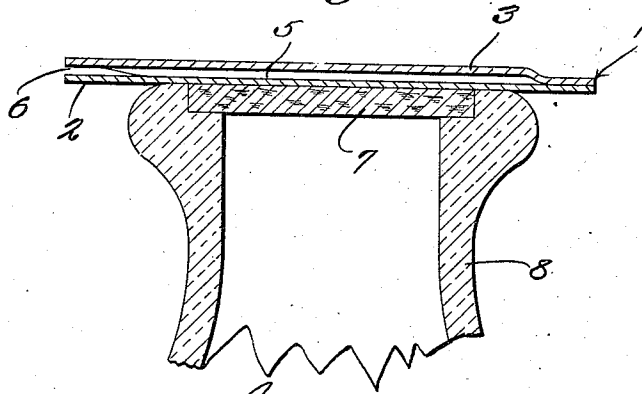


Fig. 2.

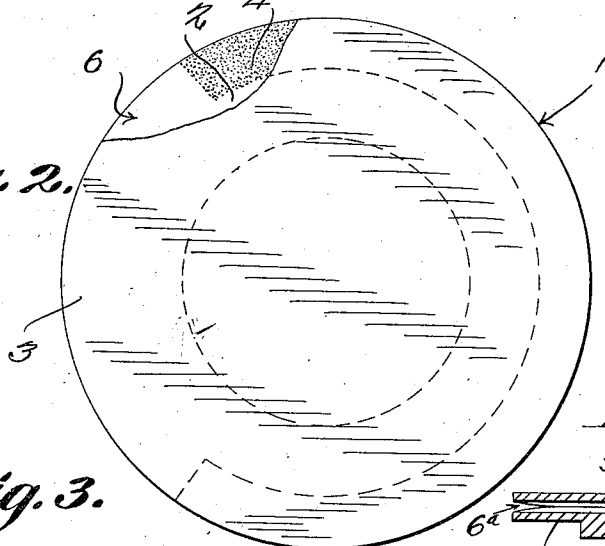


Fig. 3.

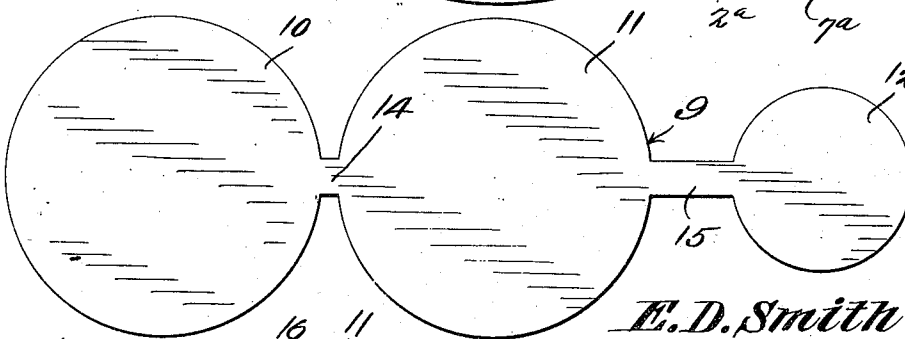
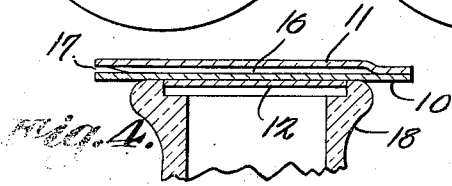
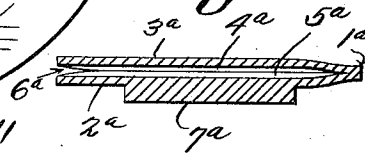


Fig. 5.



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UNITED STATES PATENT OFFICE.

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MILK-BOTTLE COVER AND RECEPTACLE.

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By way of explanation, it may be stated that it is customary for persons buying milk and other liquids, to put tickets or money into the milk bottle, to be received by the vendor. This practice is inconvenient for the merchant, for reasons which will be understood readily by those skilled in the art. This invention, therefore, aims to provide novel means whereby tickets, change, orders and the like may be mounted on or in a cover for a milk bottle.

It is within the province of the disclosure to improve generally and to enhance the utility of devices of that type to which the invention appertains.

With the above and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

In the drawings:—

Figure 1 is a transverse section of a device constructed in accordance with the invention, mounted on a bottle;

Figure 2 is a top plan wherein parts are broken away;

Figure 3 is a plan of a blank out of which a modified form of the invention is fashioned; and

Figure 4 is a sectional view of a device constructed out of the blank depicted in Figure 3, and mounted on a bottle;

Figure 5 is a section showing another modification.

Referring to Figures 1 and 2 there is provided a cap which is denoted generally by the numeral 1. Although the device forming the subject matter of this application may be made in any desired way, provided that a receptacle for change, tickets and the like is supplied, the cap 1, sometimes, is made up of an inner disk 2 and an outer disk 3 superposed on the inner disk 2. The disks 2 and 3 are secured together, by cement or otherwise, indicated at 4, at their edges, but not entirely around their periphery. The result is that there is formed, between the disks 2 and 3, a pocket 5 for change, tickets and the like, the pocket having an inlet opening 6 which exists where the disks 2 and 3 are not connected at their edges.

A closure 7, which may be a piece of cork, or anything else suitable for the purpose, is secured to the inner disk 2 and is adapted to fit within the neck of a bottle 8, as shown in Figure 1; the cap 1 resting on the bottle.

The operation of the device may be dismissed with the simple statement that tickets, change and the like, may be inserted into the pocket 5, through the inlet opening 6.

In Figures 3 and 4, the article is made out of a blank 9, including an intermediate disk 10 and outer disks 11 and 12. The disks 10 and 11 may be of about the same size, but the disk 12 is considerably smaller in diameter, ordinarily, than are the disks 10 and 11. The disks 10 and 11 are connected by a reduced neck 14, and the disks 12 and 11 are connected by a reduced neck 15, the neck 15 generally being a little longer than is the neck 14. The disk 10 is swung beneath the disk 11, the neck 14 being bent. The disk 12 is swung beneath the disk 10, the neck 15 being bent. The disk 12 is secured throughout its entire area to the disk 10, and the disks 10 and 11 are secured together at their peripheries, throughout a portion of their circumference, as shown at 6—4 in Figure 2. There results, therefore, a pocket 16 between the disks 10 and 11, corresponding to the pocket 5, and having an inlet opening 17 corresponding to the inlet opening 6 of Figure 1. The disk 12 of Figures 3 and 4 corresponds in function to the closure 7 of Figure 1, the parts 10 and 11 constituting the cap, marked by the numeral 1 in Figure 1. The device disclosed in Figures 3 and 4 cooperate with a milk bottle 18 in a way which will be obvious when Figure 4 is noted.

In Figure 5 of the drawings, parts hereinbefore described in connection with Figures 1 and 2, have been designated by numerals previously used with the suffix "a". The modification consists in forming the inner disk 2^a, the outer disk 3^a and the closure 7^a in one piece, and it is suggested that the article shown in Figure 5 of the drawings may be made of rubber if desired, although another material might perhaps be used advantageously.

What is claimed is:—

1. A device of the class described, comprising superposed disks connected by reduced bendable necks, one of the disks being of less diameter than a second of the disks,

to form a reduced closure secured to the second disk, the third disk being secured to the second disk throughout a portion of its periphery to form a pocket having a reduced inlet opening.

5 2. A cap for milk bottles and the like, provided with a pocket for articles, the pocket extending transversely of the axis of the cap and having a reduced opening disposed at the periphery of the cap, the cap
10 being provided with a closure, of less diameter than the cap, and projecting from the cap, the closure being connected to the cap: the closure having a two-fold function, in
15 that it aids in stopping the mouth of a milk

bottle, and also prevents the cap from sliding on the milk bottle, the opening at the periphery of the cap thus being held in accessible position with respect to the milk bottle.

20 3. A device of the class described comprising superposed disks connected by reduced bendable necks, one of the disks being of reduced diameter, to form a closure, and means for connecting the other disks to form
25 a pocket.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

EDWARD D. SMITH.