

Dec. 27, 1927.

1,653,608

J. F. ALLEN

MILK BOTTLE

Filed March 9, 1927

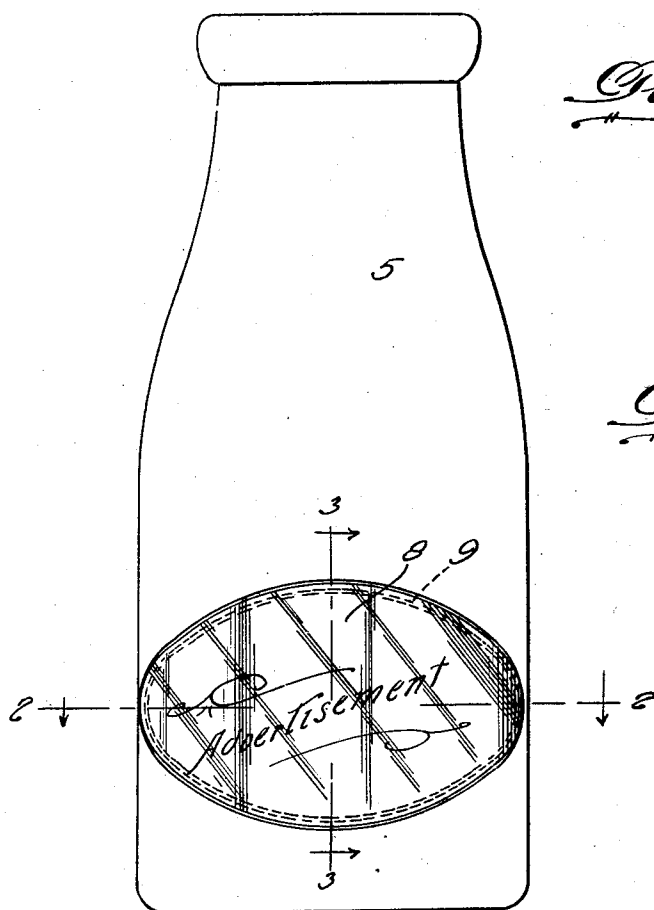


Fig. 1.

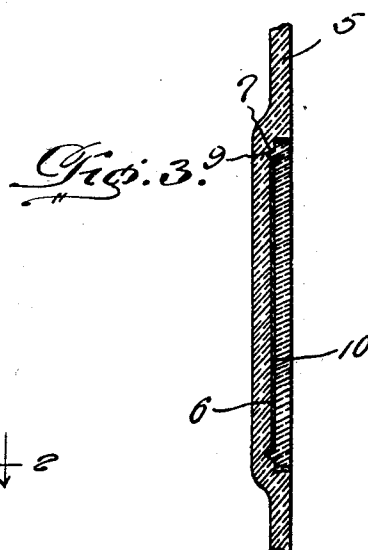


Fig. 3.

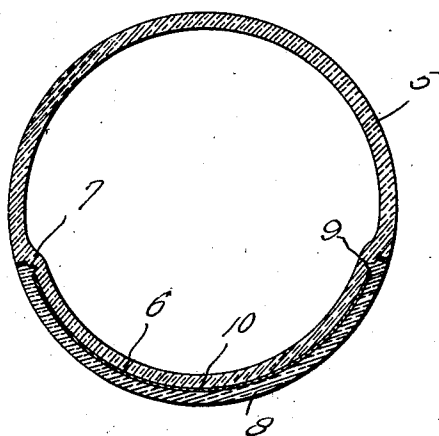


Fig. 2.

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MILK BOTTLE.

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The present invention relates to containers for milk and the like, and the primary object is to provide a milk bottle with an indicia receiving pocket or pockets on the vertical wall thereof, adapted to receive an indicia carrying element, for example, a panel containing certain advertising matter, and a retaining glass panel disposed in the pocket over the advertising panel for holding the same in place and further in the provision of a continuous groove in the inside of the pocket for receiving a continuous projecting bead or the like from the glass panel so as to properly center the glass panel in the pocket, whereby cement applied to the periphery thereof may properly set to be of uniform thickness about the periphery of the glass panel.

Another very important object of the invention resides in the provision of a structure of this nature which may be manufactured at an exceedingly low cost so as to be thoroughly practical, efficient, and reliable.

Before my invention on, labels and the like have been applied to recesses formed in the surfaces of bottles by cementing over the labels, glass plates, but in order to do this properly, the expense and liability of breakage of these glass plates has been exorbitant, and has made such devices prohibitable from a practical standpoint.

My improved structure overcomes these practical deficiencies in the prior art, so that a device of this nature may be manufactured in competition with the ordinary well known milk bottle.

With the above and numerous other objects in view, as will appear as the description proceeds, the invention resides in the novel features of construction, and in the combination and arrangement of parts as will be hereinafter more fully described and claimed.

In the drawing:—
Figure 1 is an elevation of a milk bottle embodying the features of my invention,

Fig. 2 is a horizontal transverse section taken substantially on the line 2—2 of Fig. 1, looking in the direction of the arrows, and

Fig. 3 is an enlarged vertical detail section taken substantially on the line 3—3 of Fig. 1.

Referring to the drawing in detail, it will be seen that the milk bottle is indicated generally by the numeral 5 and is of the same

general appearance and outline as an ordinary milk bottle, such as is now commonly in use.

I provide this milk bottle in its vertical wall with a pocket or recess 6 of suitable shape and in the bottom of this pocket or recess, I form a continuous channel or groove 7 very close to the edge thereof, and having conduit conforming with that of the pocket. The numeral 8 denotes a glass plate or panel adapted to be received in the pocket 6 so as to be flush with the exterior surface of the bottle 5, and of course is curved concentrically with the bottle for this purpose.

On the inner surface of the plate or panel 8 I form an outwardly projecting continuous bead or rib 9 adapted to seat in the channel or groove 7 for the purpose of holding the panel 8 properly centered in respect to the pocket 6. The numeral 10 denotes an indicia carrying element such as a plate, panel, or the like, of suitable material having printed or otherwise provided on the outer surface thereof, suitable advertising indicia.

This plate or panel 10 is applied to the inner surface of the plate or panel 8 so as to be received within the confines of the bead or rib 9, before the plate 8 is inserted in the pocket 6. In the actual manufacture of the device, suitable cement will be applied to the edge periphery of the plate 8 and the plates 10 and 8 will then be placed in the pocket and the rib 9 and groove 7 will hold these plates or panels properly centered in the pockets 6 so that the cement will have an opportunity of properly setting so as to be of uniform thickness and strength about the entire periphery of the plate 8.

This enables a bottle of this nature to be manufactured in an efficient manner with great speed, because the proper accuracy attained without taking up too much time of the workmen. Furthermore, the bead and groove structure provides the necessary strength to the assembly when finished.

The bottle 5, of course, is made of transparent material, preferably glass as is now the common practice and the plate or panel 8 will be made of the same material, so that the advertisement on the plate or panel 10 will be readable clearly and distinctly.

It is thought that the construction, utility, and advantages of this invention, will now

be quite apparent to those skilled in this art without a more detailed description thereof. The present embodiment of the invention has been disclosed in detail merely by way of example, since in actual practice it has attained the features of advantage enumerated as desirable in the statement of the invention and the above description.

It will be apparent that changes in the materials, in the sizes, and in the details of construction may be resorted to without departing from the spirit or scope of the invention as hereinafter claimed, and without sacrificing any of its advantages.

Having thus described my invention, what I claim as new is:—

1. A milk bottle having a pocket in the vertical wall thereof, with the inner face thereof provided with a continuous groove concentric with and in close proximity to the edge wall thereof, and a transparent panel receivable in the pocket to have its outer surface flush

with the outer surface of the bottle and provided on its inner surface adjacent its edge with a continuous outwardly projecting bead to seat in the groove. 25

2. A milk bottle having a pocket in the vertical wall thereof, with a continuous groove formed in the inner surface thereof adjacent the edge thereof and concentric with the edge thereof, a transparent plate shaped to fit in the pocket, so that its outer surface is flush with the outer surface of the bottle and its inner surface is provided adjacent its edge with a continuously outwardly projecting bead to seat in the groove, an indicia carrying element in the form of a panel fitted in the confines of the bead on the inner surface of the plate, and cement applied to the edge of the plate for holding it, said bead and groove insuring the proper setting of said cement. 35 40

In testimony whereof I affix my signature.

JOHN F. ALLEN.