Sept. 2, 1941. B. DICK 2,254,936

FLUID CONTAINER AND PACKAGE

Filed April 20, 1939

FIG. 1.

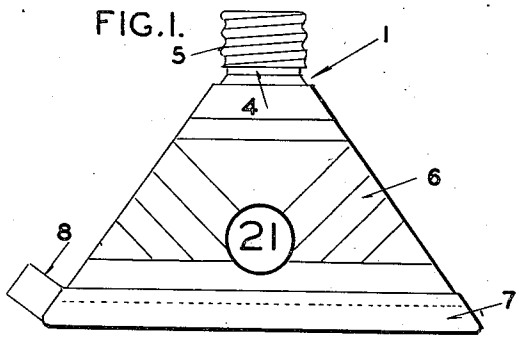


FIG. 2.

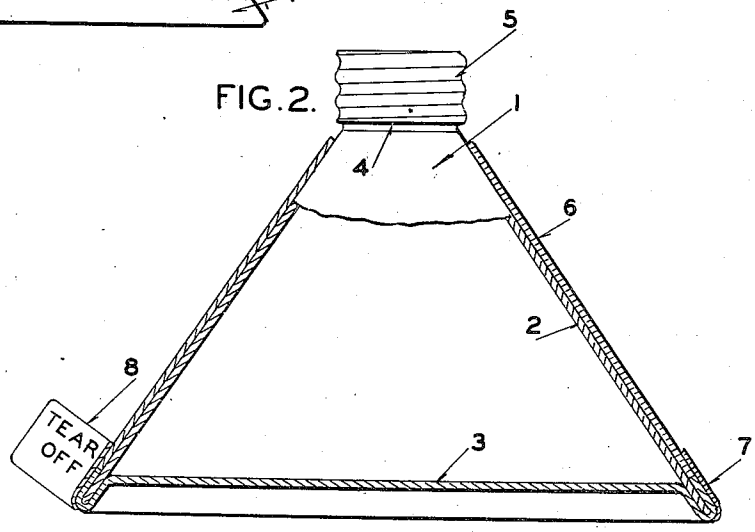


FIG. 3.

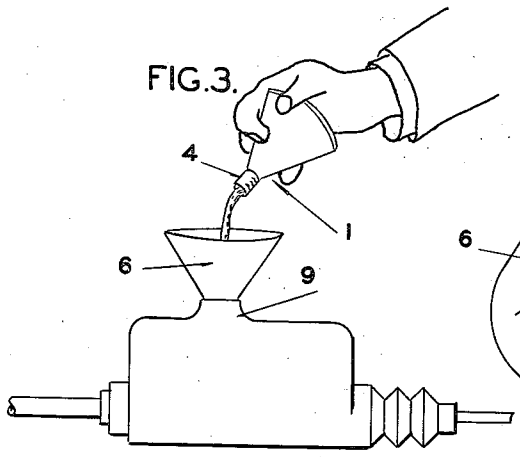
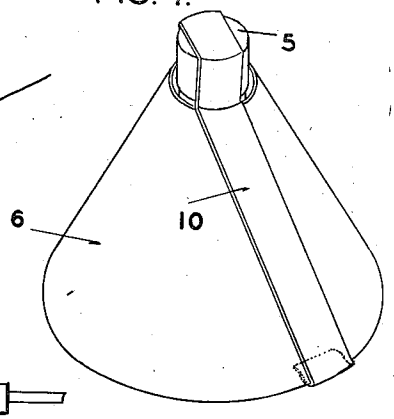


FIG. 4.



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FLUID CONTAINER AND PACKAGE

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Application April 20, 1939, Serial No. 268,933

7 Claims. (Cl. 206—56)

My invention relates to means for marketing fluid and more particularly to a fluid container and a package therefor which can also be employed to dispense the fluid.

One of the objects of my invention is to so construct a container for fluid and a cooperating package therefor that the package can be employed as a funnel in dispensing the fluid.

Another object of my invention is to provide a simple and economical package of the kind referred to that will permit the package only to carry the indicia designating the origin of the fluid and to construct the package of such material that its use in dispensing the fluid will prevent its re-use as a marketing package.

Other objects of my invention will become apparent from the following description taken in connection with the accompanying drawing in which Figure 1 is a side view of the package and container of fluid as prepared for sale; Figure 2 is a cross-sectional view of the package and container; Figure 3 is a view showing how the package is employed as a funnel in dispensing the fluid in the container; and Figure 4 is a view showing a modification.

Referring to the figures in detail, numeral 1 indicates a metal container for fluid having its body portion 2 formed in the shape of a cone and to which is secured the bottom 3. The top or apex of the body portion is provided with a pouring spout 4 having external threads thereon for receiving a threaded cap 5 which, if desired, may be sealed thereon in any well-known manner. The package for the container comprises a cone-shaped member 6 made of a material such as cardboard which is capable of absorbing some of the fluid in the container. The member 6 is open at the top in order to permit the spout 4 of the container to project therethrough when the container is nested in the package The package member has a slant height less than the container in order that the bottom portion of the container will project out of the member. This permits a band 7 to be secured to both the package member and the container by a suitable adhesive substance, thus holding the container in the package member and also providing a "seal" which will indicate to the purchaser whether anyone has tampered with the container after it was packaged for sale. The band is provided with a tab 8 for aiding in removing the band and if desired, the words "Tear off" may be placed on the tab.

The container 1 is not provided with any indicia designating the origin of the fluid. This indicia, however, is placed on the outer surface of the package member as shown, for example, by the lines in Figure 1.

The container and package have been especially designed to market brake fluid and is intended to be carried in the vehicle as an "emergency ration" or to be used by service stations to service the brakes. The construction, however, is also useful whenever it is desired to market a fluid and also provide means for facilitating the dispensing operation. Figure 3 shows how the package member is used to dispense the fluid. The band 7 is torn off, thus permitting the container to be removed from the package member. The package member is inverted to provide a funnel and, as shown, the small open end is set in the filler hole of a master cylinder 9. The fluid in the container can now be easily poured into the reservoir without waste by spilling.

As already mentioned, the material of the package member is such as to be able to absorb some of the fluid. Thus this member is prevented from again being used as a package to market fluid, especially any fluid which is not sold by the owner of the trade-mark. Since the container 1 also does not have any identifying marks thereon, it cannot be employed to again market fluid under the same trade-mark or name.

The package and container are both capable of being made at a very low cost. The container is easily packed in the package and "sealed" therein. The necessary steps to unpack the package and use it as a funnel to dispense the fluid are also few and simple.

Referring to Figure 4, I have shown another way in which the container can be sealed in the package. Instead of having the band around the edge of the base, a single sealing band 10 has its ends attached to the bottom of the container and its intermediate part passing over cap 5 as shown. The band is also secured intermediate its ends to the outer wall of the package. To remove the container, the band need only be torn off. This sealing band is very useful when cap 5 is not sealed to the container. If the fluid in the container is removed by an unauthorized person, it will be necessary to break the band.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent of the United States is:

1. Means for marketing and dispensing fluids comprising a cone-shaped container for fluid

provided with a capped pouring spout at its apex and a flat closure bottom at the base of the cone, a cone-shaped package open at the bottom and being of substantially the same size and shape as the container and receiving the container in nested relation, and removable means cooperating with the bottom portion of the container and the package for holding the container in the nested relation in said package, said package when inverted after the container is entirely removed therefrom providing a funnel for facilitating the dispensing of the fluid.

2. Means for marketing and dispensing fluids comprising a cone-shaped container for fluid provided with a capped pouring spout at its apex and a flat closure bottom at its base, a cone-shaped package of similar size and shape as the container and open at the top and bottom and receiving said container in nested relation with its pouring spout projecting through the top opening, and a removable band secured to the lower edge of the package and the container for holding the container in the package, said package being capable of being inverted and used as a funnel to dispense the fluid when the container is entirely removed therefrom after detaching the band.

3. In means for marketing fluid, a cone-shaped container for the fluid provided with a capped pouring spout at its apex, a similar cone-shaped package open at its bottom and provided with an opening in its top and receiving said container in nested relation with its pouring spout extending freely through the top opening so as to permit complete removal of the package from the container, said package being of such height with respect to the container that a portion of the lower part of the container extends beyond the lower edge of the package, and a removable band secured by adhesive substance to the lower marginal surface of the package and the adjacent surface of the container.

4. In means for marketing fluid, a cone-shaped container for the fluid provided with a capped pouring spout at its apex and a bottom at its base, a cone-shaped package provided with an open bottom and receiving said container so that both apexes are adjacent each other, said package being of such height with respect to the container that a portion of the lower part of the container extends beyond the lower edge of the package, and a removable band secured by adhesive substance to the lower marginal surface of the package and the adjacent surface of the container, said band when removed permitting the package to be freely removed from the container and used as a funnel.

5. Means for marketing a fluid in a container which does not carry indicia as to its source of origin and also for enabling the purchaser to conveniently dispense the fluid, said means comprising an unmarked cone-shaped container for the fluid provided with a capped pouring spout at its apex, a cone-shaped package of size and shape similar to the container and provided with an open bottom and receiving the container in nested relation, said package carrying upon its outer surface suitable indicia indicating the origin of the fluid, and removable means cooperating with the container and the package for holding the container in said package, said package being made of a material which is capable of absorbing a sufficient amount of fluid so that when said package is inverted and the container entirely removed therefrom so as to provide a funnel for dispensing the fluid, the package will be rendered unfit for re-use as a marketing package.

6. In means for marketing fluid, a cone-shaped container for the fluid provided with a capped pouring spout at its apex, a similar cone-shaped package provided with openings in its top and bottom and receiving said container in nested relation with its pouring spout extending through the top opening, and removable means cooperating with the bottom portion of the container and package and with the cap of the pouring spout to thereby hold the container in said package and to provide a "seal" for the cap of the pouring spout, said removable means when removed permitting the package to be freely separated from the container and used as a funnel.

7. In means for marketing fluid, a cone-shaped container for the fluid provided with a capped pouring spout at its apex, a similar cone-shaped package provided with openings in its top and bottom and receiving said container in nested relation with its pouring spout extending through the top opening, and a removable band having its ends secured to diametrically opposite portions of the bottom of the container and its intermediate part extending over the cap of the pouring spout and secured by adhesive substance to the walls of the package and to the cap, said band when removed or broken permitting the package to be entirely removed from the container and used as a funnel.

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