

Oct. 12, 1926.

J. C. CREAYER

1,602,391

CONTAINER

Filed Oct. 29, 1924

Fig. 1.

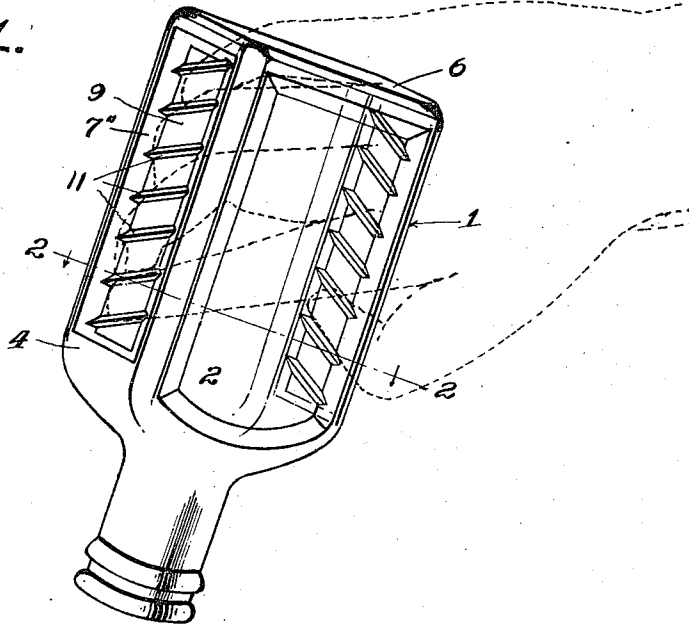


Fig. 2.

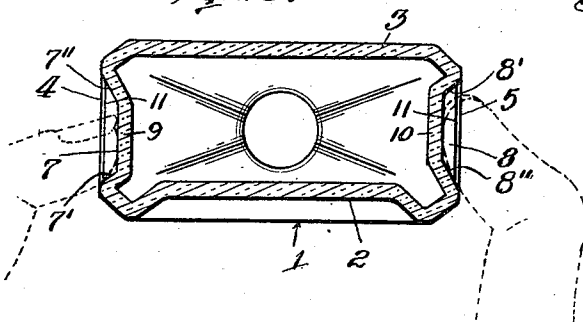
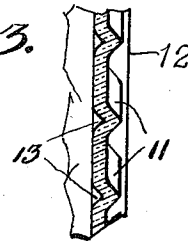


Fig. 3.



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CONTAINER.

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This invention relates to containers and particularly to bottles from which the contents are adapted to be dispensed by means of a pouring or shaking action. Quite often after a bottle has been used a portion of the contents thereof passes down from the mouth upon the faces of the bottle, as a result of which said faces become moistened, causing the bottle to slip from the grasp of the user. This slipping action is particularly encountered where the contents of the bottle are soapy; it is also encountered where the contents are dispensed by means of shaking, which is the usual manner employed in dispensing hair tonics and similar fluids.

An object of the present invention is to provide means for preventing slippage of the bottle from the hand, by providing specially designed finger grips upon the surface of the bottle or container, whereby the bottle, even though slippery, is securely held, yet without the necessity of using undue pressure for holding it.

Another object is to provide means which are inset within the outlines of the bottle to prevent the same from being readily chipped, resulting in sharp or cutting edges.

Another object is to provide means for preventing slippage of the fingers upon the surface of the container, so arranged as to lie in the direction taken by the fingers and thumb when the container is held in inverted position.

Other objects and advantages will be manifest from the detailed description when considered in connection with the accompanying drawings, wherein—

Figure 1 is a perspective view of the container in inverted position, with dotted lines indicating the manner in which the same is held;

Figure 2 is a transverse sectional view on line 2—2 of Figure 1; and

Figure 3 is a fragmentary sectional view through one wall of the container provided with the grasping surfaces.

Referring to the drawing in detail, 1 designates the body of the container, having front and rear walls 2 and 3, side walls 4 and 5 and a bottom 6.

The side walls 4 and 5 are provided with depressions, 7 and 8 respectively, which extend substantially throughout their entire lengths. The wall 7' of depression 7 adjacent the front wall 2 of the container is sharply inclined to the base 9; and, the wall 7'' of depression 7 adjacent the back wall 3 of the container is gradually inclined to the base 9. The wall 8' of depression 8 adjacent the back wall 3 of the container is sharply inclined to the base 10, and the wall 8'' of depression 8 adjacent the front wall 2 of the container is gradually inclined to the base 10. By this construction, when the container is grasped from the direction of either the front or back wall, the thumb of the user will lie in a depression 4 or 5 and against one of the gradually inclined walls 7'' or 8'' of the depressions and the fingers will abut against the sharply inclined walls 7' or 8' of the depressions.

A plurality of ribs 11 extend diagonally across the depressions 4 and 5, and are inset so as to be within the outer edge 12 of the side walls, as shown in Fig. 3. All the ribs on one side are substantially parallel; however, the ribs on one side slope in the opposite direction from the ribs on the other. By reason of this construction the thumb of the user will rest upon the diagonally arranged spaces between one set of ribs, and the fingers of the user will rest upon the diagonally arranged spaces between the other set of ribs of the other depression, and the spaces will extend in the same general direction as is assumed by the thumb and fingers of the user when the container is inverted. In other words, the spaces between the ribs extend in such directions that the fingers and thumb naturally engage such spaces.

As more clearly shown in Figure 3, the ribs 11 are formed in the depressions 7 and 8, and grooves 13 are formed on the interior surfaces of the depressed walls of the container. These grooves 13 extend beneath the ribs 11 and are therefore also diagonally arranged in opposing directions, being respectively parallel to the ribs, and will aid in agitating the contents of the container when the same is shaken during the dispensing or pouring action.

What I claim is:

1. A container including a body portion provided with longitudinally extending depressions on opposite sides thereof, ribs arranged within one depression and extending diagonally across the depression in a direc-

tion upwardly from the side thereof adjacent one face of the body, and ribs arranged diagonally across the opposite depression and extending in a direction downwardly
5 from the same face of the body, whereby the diagonally arranged spaces between the ribs in one depression and the diagonally arranged spaces between the ribs in the opposite depression will provide means for gripping the container when in use.

10 2. A container including a body portion provided with longitudinally extending gripping depressions on opposite sides thereof, each depression having one side wall sharply inclined and the other side wall
15 gradually inclined to its base, the sharply inclined walls and gradually inclined walls alternating around the surface of the container whereby the thumb of the user will
20 engage the base and gradually inclined wall

of one depression and the fingers will engage the base and the sharply inclined wall of the opposite depression when the contained is grasped from either side.

3. A container including a body portion 25 having longitudinally arranged sets of ribs on the surface thereof, the ribs of each set being parallel, while the ribs of one set slope in a direction opposite to the ribs of another set oppositely disposed on the container. 30

4. A container of glass or the like, having a depression of substantial area thereon, and a plurality of ribs extending across the depression, the ribs terminating in the edges of the depression, the top edges of the rib 35 being inset within the plane of the edges of the depression.

In testimony whereof I affix my signature.

JACK CLINTON CREAVER.