March 30, 1937. H. A. BARNBY 2,075,776

CONTAINER

Filed March 6, 1935

Fig. 2

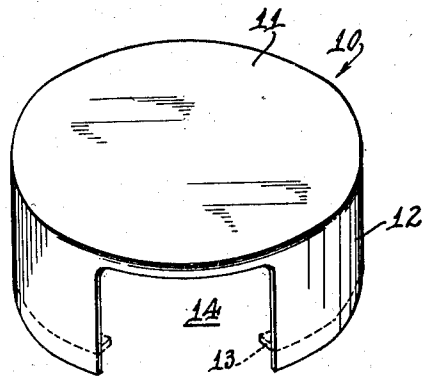


Fig. 1

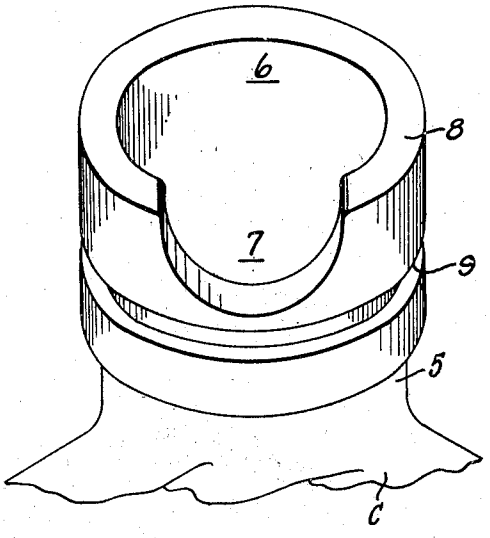
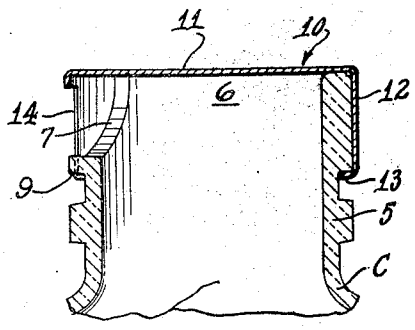


Fig. 3



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2,075,776

CONTAINER

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Application March 6, 1935, Serial No. 9,557

1 Claim. (Cl. 215—37)

The present invention relates to improvements in containers and more particularly to glass containers and means facilitating dispensing of the contents.

An object of the present invention is the provision of novel means facilitating satisfactory dispensing of powders, pills, tablets etc., which are put up in bottles and the like glass containers. To this end the container is formed with a discharge port in one side of the neck portion, said port being closable by means of a shell or cap so constructed that it may be adjusted to vary the effective area of said port.

Other objects will be in part apparent and in part pointed out hereinafter.

In the drawing:

Fig. 1 is a perspective view of a container neck embodying my invention.

Fig. 2 is a perspective view of a closure constituting another element of my invention.

Fig. 3 is a fragmentary vertical sectional view showing the closure and container assembled.

The container C embodying one form of my invention, includes a reduced neck portion 5 defining an opening 6 which may well be used in filling the container. A side discharge port 7 of any preferred configuration is formed in the neck 5, said port, in order to facilitate its formation at the time the container is manufactured, extending through the upper margin 8 or sealing surface. This discharge port 7 will be of such area that it can accommodate the largest tablet or pill which will be packaged in a particular container. Just below the port 7 the neck is provided with a downwardly facing external shoulder 9 which completely encircles said neck and is designed for rotary holding engagement with a closure 10.

This closure 10 which may well be and preferably is formed of sheet metal, consists of a circular top portion 11 and depending annular flange 12, the lower margin 13 of which is turned inwardly on a short radius and has frictional sliding contact with the shoulder 9. A discharge port 14 in the flange 12 is intended to be brought into register with the side port 7 when the contents or any portion thereof are to be dispensed. The port 14 as is obvious, may be positioned to render the entire or any fractional part of the area of the port 7 effective in discharging the contents of the container.

Modifications may be resorted to within the spirit and scope of the appended claim.

I claim:

In combination, a glass container adapted to be molded in a conventional molding apparatus and to be closed by a rotary side port cap, said container including a circular neck defining a filling opening and having a top sealing surface adapted for contact with a cap, said neck also having a side discharge port so formed as to break through the otherwise continuous sealing surface, said rotary cap including a ported attaching flange and means rotatably securing the cap in position on the container.

HERBERT A. BARNBY.