

April 27, 1926.

1,582,681

C. HAMMER

GLASS CONTAINER

Filed Jan. 17, 1924

Fig. 4.

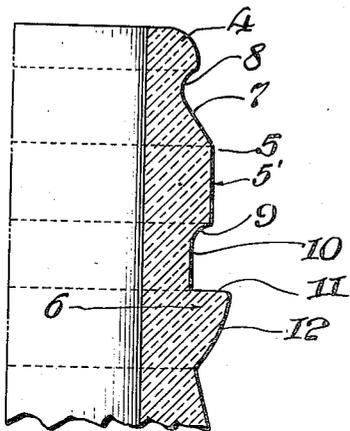


Fig. 1.

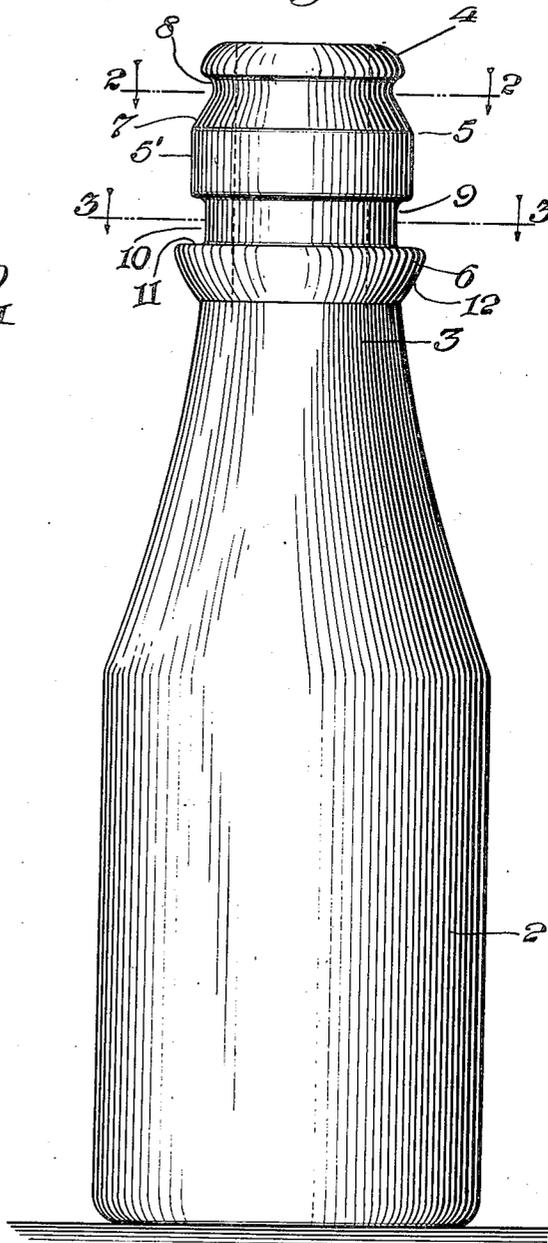


Fig. 2.

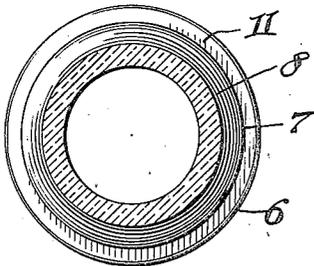
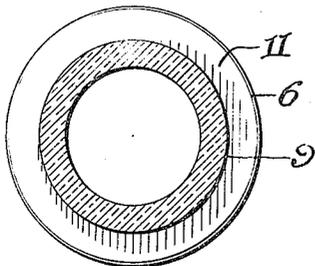


Fig. 3.



INVENTOR

Charles Hammer

BY

Fred H. Gray
ATTORNEYS,

UNITED STATES PATENT OFFICE.

CHARLES HAMMER, OF HOLLIS COURT BOULEVARD, NEW YORK.

GLASS CONTAINER.

Application filed January 17, 1924. Serial No. 686,707.

To all whom it may concern:

Be it known that I, CHARLES HAMMER, a citizen of the United States, residing at Hollis Court Boulevard, in the county of Queens and State of New York, have invented certain new and useful Improvements in Glass Containers, of which the following is a specification.

This invention relates to glass containers, more particularly of the bottle form, the object of the invention being to provide an improved glass container which may be sealed by various forms or sizes of caps, the container being so constructed that it is usable in connection with shallow flanged caps, or deep flanged caps such as catsup caps, and caps of different diameter, and which container is simple in construction, readily made and inexpensive to manufacture.

In the drawings accompanying and forming a part of this specification Fig. 1 is a side view of this improved glass container; Fig. 2 is a cross sectional view taken on line 2—2 Fig. 1 looking in the direction of the arrows; Fig. 3 is a cross sectional view taken on line 3—3 Fig. 1 looking in the direction of the arrows; and Fig. 4 is a vertical sectional view of a portion of the neck of the container.

Similar characters of reference indicate corresponding parts in the several views.

Before explaining in detail the present improvement and mode of operation thereof, it is desired to have it understood that the invention is not limited to the details of construction and arrangement of parts which are illustrated in the accompanying drawings, since the invention is capable of other embodiments, and that the phraseology which is employed is for the purpose of description and not of limitation.

This improved container shown in the form of a bottle comprises a body 2 tapering to the neck 3 which is provided with a shouldered and rounded lip or mouth 4, and spaced below and of larger diameter an annular shoulder 5, and spaced below and of still larger diameter a shoulder 6 facing the shoulder 5. By means of the mouth or lip shoulder 4 the bottle can be sealed by the use of a shallow flanged cap such as a crimped cap and which is usually of small

diameter. By the use of the shoulder 5 the bottle may be sealed by means of a deep flanged cap, such as that shown in my contemporaneously pending allowed application, filed Jan. 17, 1924, Serial No. 686,708, and when such a cap is used the shoulder 6 acts as a fulcrum for a coin by means of which the cap may be readily pried off. It will be observed that the several shoulders 4, 5, and 6 increase in diameter toward the body of the container, thus also permitting the use of caps of different diameters, the upper shoulder 4 permitting the use of caps of small diameter, while the shoulder 5 permits the use of caps of larger diameter as well as increased depth of flange.

It will be further observed that the shoulder 5 is formed by an annular band 5' and is connected with the shoulder 4 by an inwardly tapered portion 7 and a curved portion 8, while the shoulder 6 is connected with the shoulder 5 by an inwardly curved portion 9 and a straight portion 10, while said shoulder 6 has a relatively flat upper face 11 and tapers toward the neck of the bottle as at 12, from which point the bottle flares toward the body.

Thus the structure of the neck and its shoulders is such that there are no extreme sharp edges to be readily chipped and broken off.

It is to be understood that by describing in detail herein any particular form structure or arrangement, it is not intended to limit the invention beyond the terms of the several claims or the requirements of the prior art.

Having thus explained the nature of my said invention and described a way of constructing and using the same, although without attempting to set forth all of the forms in which it may be made or all of the modes of its use, I claim:

1. A glass container having multiple integral glass shoulders of different diameters, one below another, each shoulder of unthreaded form having an inwardly projecting smooth lower edge forming cap retaining means for the inwardly projecting holding portion of a cap thereby to permit the use of different kinds or depths or sizes of caps on the same container.

2. A glass container having multiple in-

tegral glass shoulders of different diameters, one below another, each shoulder of unthreaded form having an inwardly projecting smooth lower edge forming cap retaining means for the inwardly projecting holding portion of a cap thereby to permit the use of different kinds or depths or sizes of caps on the same container, said container also having a shoulder below said cap holding shoulders positioned and constructed to act as a fulcrum to permit the use of a coin to pry off a cap applied to the lowermost cap holding shoulder. 10

Signed at New York, New York, this 15th day of January, 1924.

CHARLES HAMMER.