

M. B. WHISENANT.
BOTTLE.
APPLICATION FILED JUNE 7, 1913.

1,098,653.

Patented June 2, 1914.

2 SHEETS—SHEET 1.

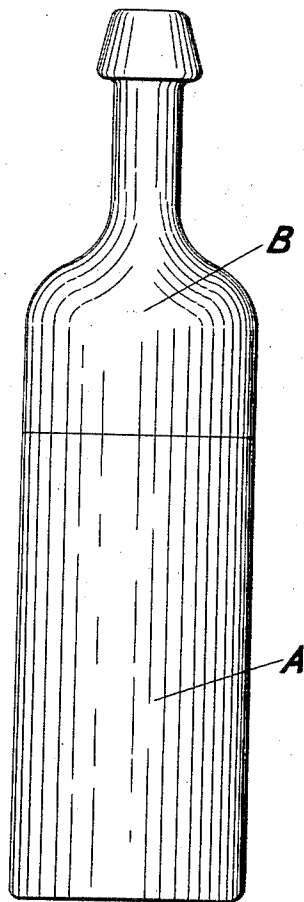


Fig. 1.

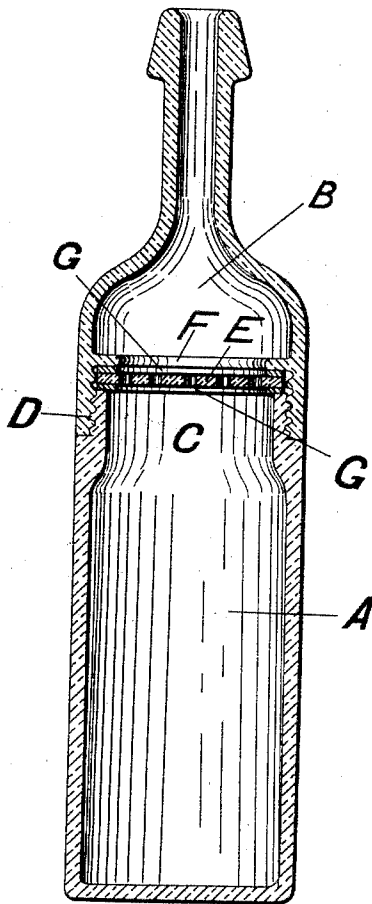


Fig. 2.

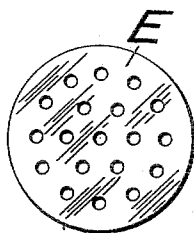


Fig. 3.

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2 SHEETS—SHEET 2.

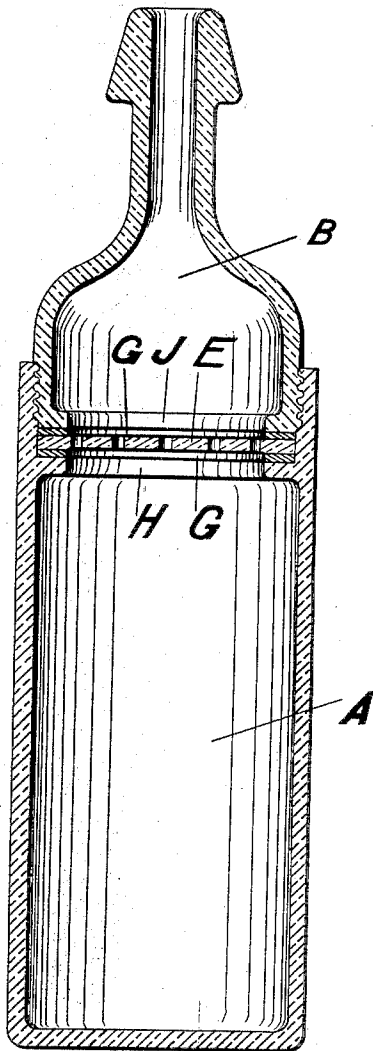


Fig. 4.

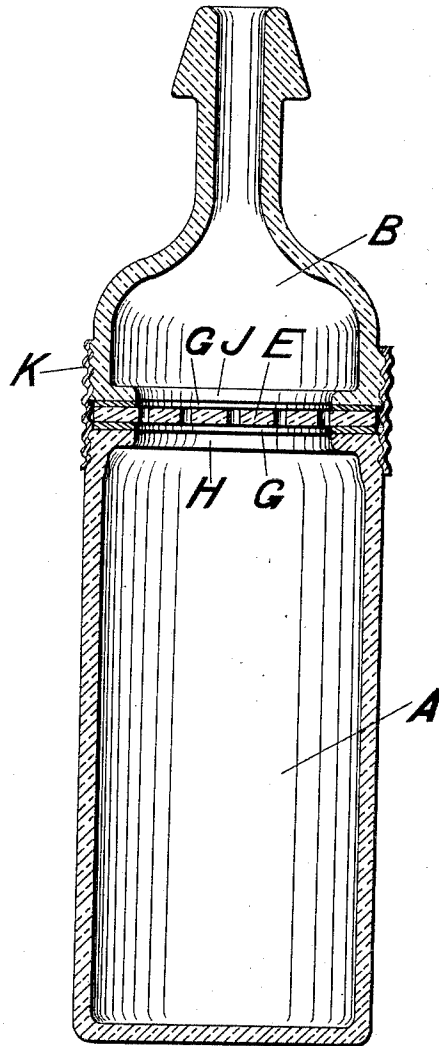


Fig. 5.

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UNITED STATES PATENT OFFICE.

MARVIN B. WHISENANT, OF HOLLIS, OKLAHOMA.

BOTTLE.

1,098,653.

Specification of Letters Patent.

Patented June 2, 1914.

Application filed June 7, 1913. Serial No. 772,315.

To all whom it may concern:

Be it known that I, MARVIN B. WHISENANT, a citizen of the United States, residing at Hollis, in the county of Harmon and State of Oklahoma, have invented certain new and useful Improvements in Bottles, of which the following is a specification.

My invention relates to new and useful improvements in bottles, and more particularly relates to bottles intended to hold pepper sauce and similar condiments consisting of a liquid used in small quantities and certain solids permanently contained in the liquid to flavor the same. By present methods, pepper sauce and such condiments are usually sold in bottles of an ordinary construction, which permit the solids such as peppers to choke the escape of the liquids by entering the neck portion of the bottle. Furthermore it is a somewhat difficult matter to introduce into an ordinary bottle such solid substances as peppers.

It is the object of my invention to provide a bottle having a perforated disk interposed between its body portion and neck portion, which disk will permit the passage of the liquid portion of a condiment but will retain the solid portion of the condiment within the body portion of the bottle.

Another object of my invention is to provide a bottle for the purpose specified which will have its neck portion removably mounted upon the body portion, so as to greatly facilitate the introduction of any condiment into the body portion of the bottle.

Finally the object of my invention is to provide a device of the character described that will be strong, durable, simple and efficient and comparatively easy to construct.

With these and various other objects in view, my invention has relation to certain novel features of the construction and use, an example of which is described in the following specification, and is illustrated in the accompanying drawings, wherein:

Figure 1 is a view in side elevation showing one embodiment of my invention. Fig. 2 is a vertical sectional view of the same device. Fig. 3 is a detail view showing a perforated disk which enters into the construction of my invention. Fig. 4 is a vertical sectional view showing a second modified form of my invention. Fig. 5 is a vertical sectional view showing a third modified form of the invention.

Referring now more particularly to the

drawings, wherein like reference characters designate similar parts in all the figures, the letters A and B respectively denote the body portion and neck portion of my bottle, these parts being common to the several modified forms of the invention. In that construction which is illustrated in Figs. 1 and 2, the member A is provided upon its upper extremity with a neck C of somewhat reduced diameter and screw threaded upon its exterior face. The bottom extremity of the member B is interiorly threaded and is adapted to engage the neck C as indicated at D. Between the two portions A and B of the bottle, there is interposed a perforated glass disk E. The disk E is restricted from displacement toward the neck portion of the bottle by an annular flange F integrally formed upon the interior face of said portion. Between the disk E and the top of the member A is interposed a rubber packing ring G, and a similar ring is interposed between said disk and the flange F. These rubber rings by preventing the disk E from contacting with the flange F or with the upper edge of the member A materially decrease the possibility of said disk being accidentally broken, and said rings furthermore eliminate the possibility of any leakage through the screw-threaded joint D.

In that modified form of my invention which is illustrated in Fig. 4, the upper extremity of the member A is interiorly threaded to receive the exteriorly threaded lower end of the member B. The members E and G are interposed between the body portion and neck portion of the bottle as in that form of the invention first described, displacement of said parts into the body portion of the bottle being prevented by a flange H integrally formed upon the interior face of said body portion, and displacement of said parts into the neck portion of the bottle being prevented by a flange J interiorly formed upon the lower edge of said neck portion.

In that modified form of the invention which is illustrated in Fig. 5, the adjacent extremities of the body portion and neck portion are both exteriorly threaded, and are held in their proper relative positions by screw threaded metal collar K engaging said extremities. In other respects, the construction in this form of the invention is identical with that shown in Fig. 4.

When my bottle, in either of its three

forms is being filled with pepper sauce or some similar condiment, the members B, E and G are removed from the body portion of the bottle, so as to present a large unobstructed orifice through which both the solid and liquid portions of the condiment may be quickly and readily introduced into the body portion of the bottle. The parts B, E and G will then be replaced in their proper relation to the member A and the outlet at the top of the bottle will be corked or sealed in any common and well known manner.

In using the bottle, the cork or other closure will be removed from the top thereof and the contents withdrawn from the bottle as desired by inverting same. When the bottle is inverted, its liquid contents will be free to escape through the perforations of the disk E but said disk will prevent the passage of peppers or any other solid substances into the neck portion of the bottle thus effectually preventing the neck of the bottle from becoming choked.

The invention is presented as including all such modifications and changes as properly come within the scope of the following claims.

What I claim is:

1. In a condiment bottle, a tubular body

portion, an inwardly projecting annular shoulder at the upper end of the body overhanging the interior of the body, a packing disposed on the shoulder, a perforated disk resting on the packing ring, a second packing bearing on the disk, a neck portion, an inwardly projecting annular flange at the lower end of the neck portion resting on the second packing ring, and means for uniting the parts in separable order and holding them in rigid relation to each other.

2. In a sauce bottle, a tubular body portion having external screw threads at its upper end, a shoulder at the upper end of the body portion, a perforated disk, a neck portion having external screw threads at its lower end, said disk being disposed between the neck and body portions, a packing interposed between the disk and one of the portions, and a screw threaded circular band engaging the threaded portions of the neck and body portions and uniting the same.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MARVIN B. WHISENANT.

Witnesses:

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EARLE C. WIGHT.