

No. 733,352.

PATENTED JULY 7, 1903.

H. S. BREWINGTON.  
BOTTLE CAP.

APPLICATION FILED SEPT. 4, 1902.

NO MODEL.

Fig. 1.

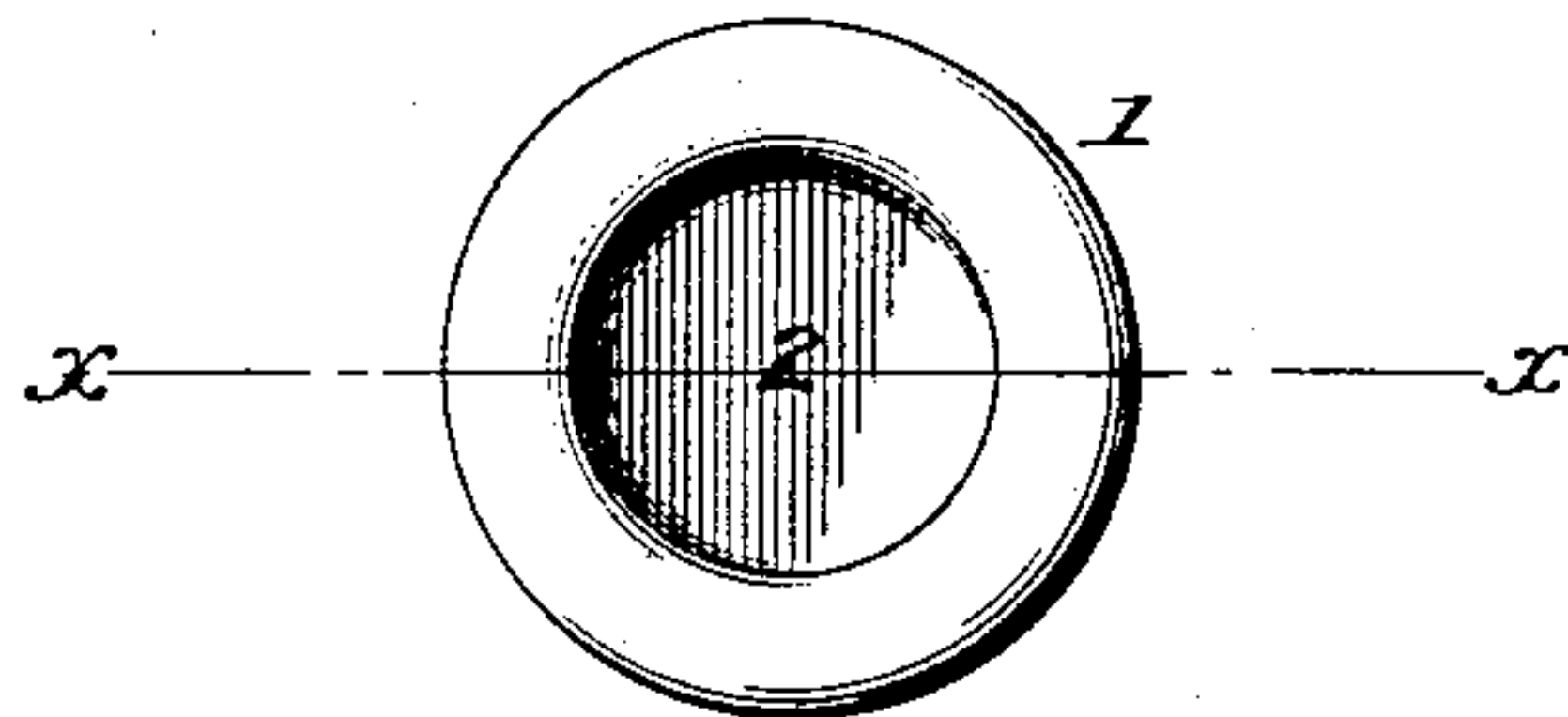


Fig. 2.

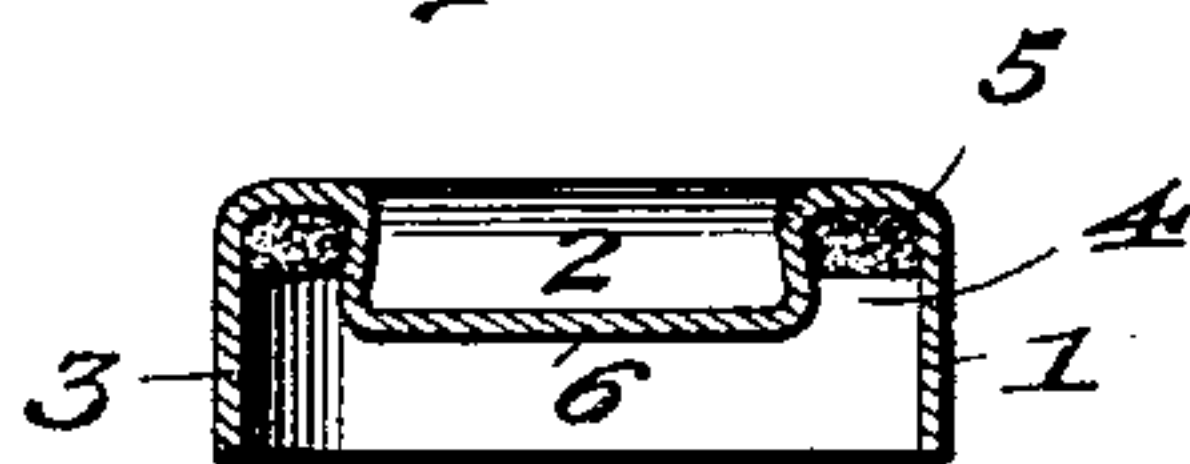
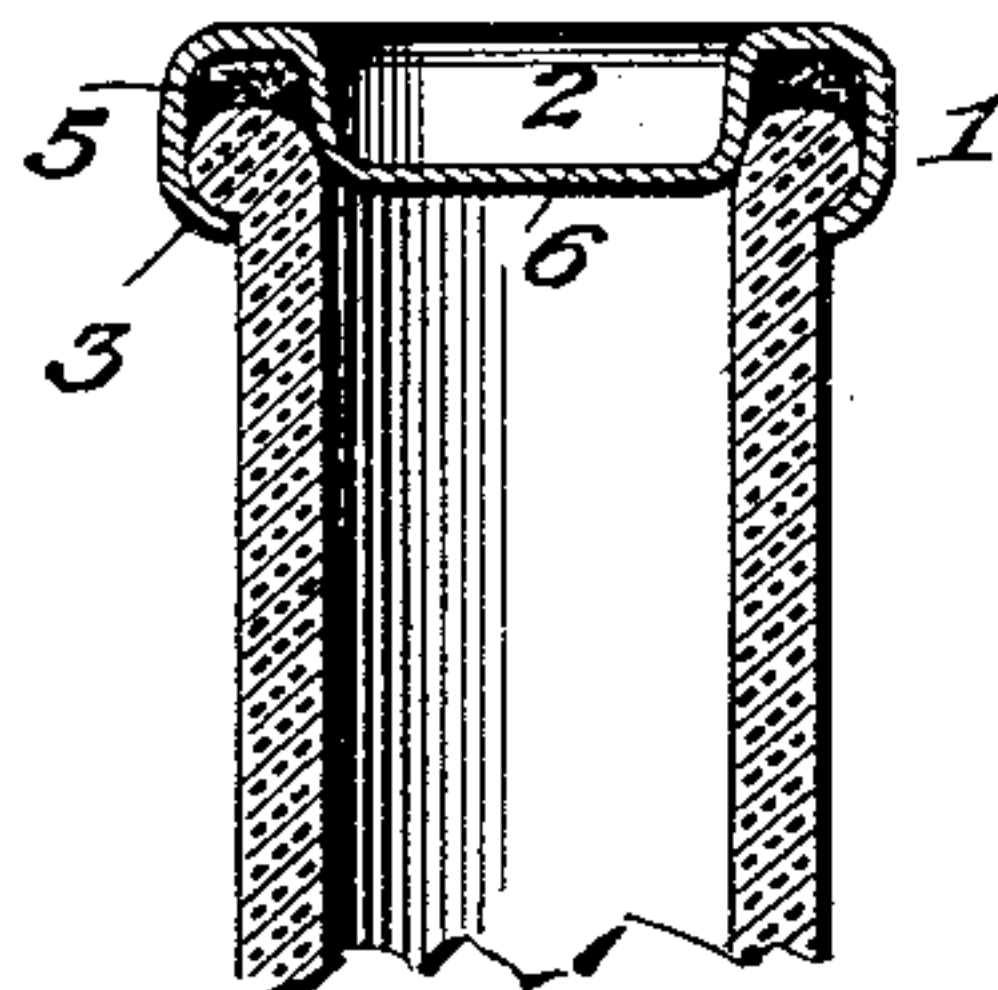


Fig. 3.



Witnesses.

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# UNITED STATES PATENT OFFICE.

HENRY S. BREWINGTON, OF BALTIMORE, MARYLAND.

## BOTTLE-CAP.

SPECIFICATION forming part of Letters Patent No. 733,352, dated July 7, 1903.

Application filed September 4, 1902. Serial No. 122,028. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY S. BREWINGTON, a citizen of the United States, residing at Baltimore, State of Maryland, have invented certain new and useful Improvements in Bottle-Caps, of which the following is a specification.

My invention relates to bottle-stoppers; and the objects of the same are to provide a cap-stopper for aerated beverages which shall be simple in construction, which may be manufactured at a slight cost, and which utilizes but a small cork or paper gasket, thus saving considerable in the cost of this type of stopper.

I attain the objects referred to by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a top plan view of my cap before it is secured to the mouth of the bottle. Fig. 2 is a vertical section of the same on line *x x*, Fig. 1. Fig. 3 is a central vertical section taken through the stopper and the mouth of the bottle to which the cap is secured, the bottle being shown broken away below the neck.

In said drawings the numeral 1 designates a cap, which may be made of tin, aluminium, or other metal and is provided with a central depression 2 on its upper surface and a plain depending flange 3 around the outer edge of the cap. On the inside of the cap an annular recess or gasket-seat 4 is provided, and a gasket or ring 5, of cork, paper, or other compressible material, is seated in this recess and is held in place by the central boss 6, which passes through the gasket and projects down within the cap.

To secure the cap to the mouth of the bottle, pressure is applied to the top of the cap and the peripheral flange 3 is crimped around under the bead 7 at the mouth of the bottle, the gasket 5 being tightly compressed between the upper edge of the bottle-mouth and the inner wall of the gasket-seat 4. When the cap is secured to the bottle, the central boss 6 extends down into the mouth of the bottle and prevents the liquid from coming in contact with the compressed gasket. Owing to the construction I am enabled to

use a pasteboard gasket or a ring made of paper, rubber, or other suitable material, as the liquid contents of the bottle does not touch the ring and does not, therefore, either destroy the gasket or become contaminated by contact with the ring.

From the foregoing it will be obvious that my stopper can be manufactured at slight cost, that there is a material saving of cork, and that the device is efficient for its purpose and can be removed from the bottle by the usual "openers" now in use and in an obvious manner.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A bottle-stopper consisting of a metal cap having a central boss to fit within the bottle-mouth, a gasket-seat surrounding the boss, a gasket-ring fitted into the seat, a plain depending flange surrounding the boss and gasket-seat, said flange designed to be crimped under a bead at the top of a bottle, substantially as described.

2. A bottle-stopper consisting of a metal cap having a plain annular depending flange, a plain boss formed within the top of the cap and adapted to fit within a bottle-mouth, a gasket-seat surrounding the boss, and a gasket-ring fitted within the seat, said flange extending below the boss and adapted to be crimped at its lower edge under a bead formed on the outside of a bottle-mouth, substantially as described.

3. A bottle-stopper consisting of a metal cap having a central boss to fit the bottle-mouth, a gasket-seat surrounding the boss, a ring of suitable material fitted into the seat, a flange surrounding the cap, said flange being crimped or spun around and under a bead at the mouth of a bottle, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY S. BREWINGTON.

Witnesses:

ROBERT C. RHODES,  
WILLIAM FERRELL.