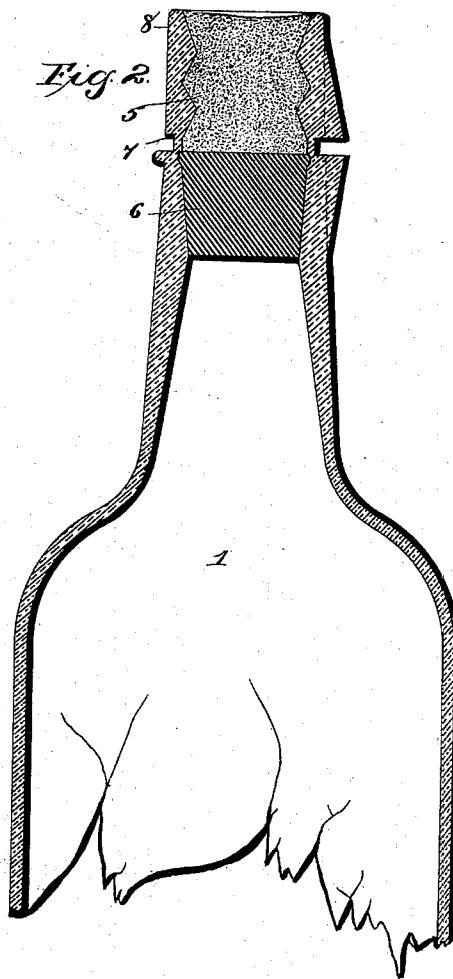
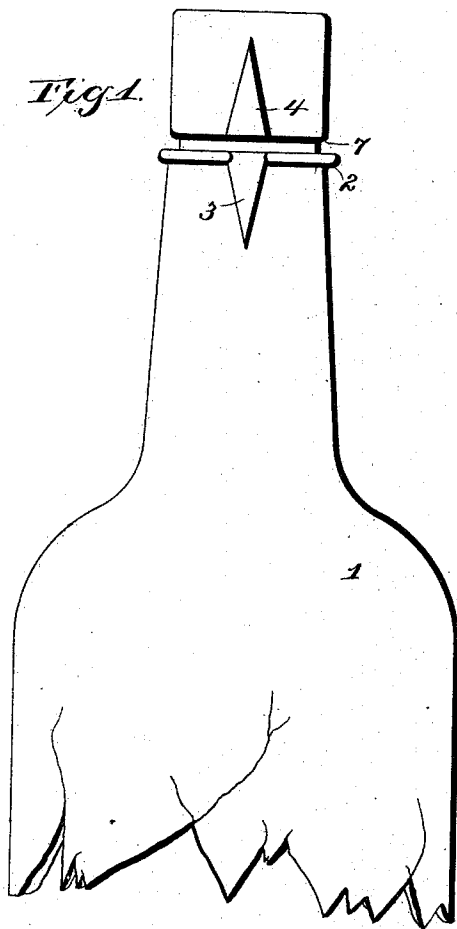


(No Model.)

T. MCGINN.
SAFETY BOTTLE.

No. 565,781.

Patented Aug. 11, 1896.



Witnesses

E. W. Wurdeman
A. Williamson

Inventor

Thomas McGinn
by Geo. H. Holgate

Attorney

UNITED STATES PATENT OFFICE.

THOMAS MCGINN, OF STELLA, NORTH CAROLINA.

SAFETY-BOTTLE.

SPECIFICATION forming part of Letters Patent No. 565,781, dated August 11, 1896.

Application filed October 22, 1895. Serial No. 566,498. (No model.)

To all whom it may concern:

Be it known that I, THOMAS MCGINN, a citizen of the United States, residing at Stella, in the county of Carteret and State of North Carolina, have invented certain new and useful Improvements in Safety-Bottles, of which the following is a full, clear, and exact specification.

My invention relates to a new and useful improvement in safety-bottles, and has for its object to provide such a device that, when sealed, may not be opened and its contents withdrawn without the fact being made clear to the casual observer.

With this end in view the invention consists in the details of construction and combination of elements hereinafter set forth, and then specifically designated by the claims.

In order that those skilled in the art to which my invention appertains may understand how to make and use the same, I will describe its construction and operation in detail, referring by number to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 represents the upper portion of a bottle made in accordance with my improvement, and Fig. 2 is a central vertical section thereof.

Similar numerals denote like parts in the views of the drawings.

It is a well-known fact that many proprietary goods are imitated by the use of the original bottles in which said goods were contained, thereby causing much annoyance and loss to the manufacturers or venders of said goods; but by the use of my improvement this is obviated and the bottle cannot be emptied of its original contents and be refilled without the fact being revealed by the change that takes place in the bottle. This I accomplish by forming upon the neck of the bottle 1 a flange 2 and the bosses 3 and 4, which project to one side of the neck, leaving a space therebetween sufficient to insert therein a tool, such as a nail or screw-driver, for the purpose hereinafter set forth. The interior of the top of the neck is provided with corrugations 5 of smaller internal diameter than the cork-seats 6, so that when the cork is forced into place it cannot readily be withdrawn past these corrugations; and to place the cork in its proper relative position it is compressed

by a proper holder, and after being inserted below the corrugations is forced to its seat, where it will expand, completely filling the space intended for it to occupy. The space above the cork is then filled with a cement of such character as to prevent its removal by cutting or otherwise, whereby it will be seen that the contents of the bottle cannot be removed through the original opening.

Before the bottle is filled a groove 7 is formed just above the flange 2 by cutting with a diamond, or this groove may be partially formed in the molding of the bottle and still further weakened by diamond-cutting or the action of acid, so that to gain access to the contents of the bottle it is only necessary to place a tool between the lugs 3 and 4, and pry thereon sufficiently to snap off the head 8 of the neck along the weakened line, when the cork may be readily withdrawn and the bottle emptied.

After the head has once been broken from the bottle it will be obvious that it cannot be again passed as an original package, and therefore the deception which has been heretofore practiced in the selling of inferior goods in the bottles of reputable makers will be prevented.

Having thus fully described my invention, what I claim as new and useful is—

1. As a new article of manufacture, a bottle having lugs formed upon the neck thereof adjacent to each other, a corrugated chamber, a cork-seat below said chamber, of greater diameter than the former, and a weakened portion formed around the neck in a plane which passes between said lugs, as and for the purposes set forth.

2. A bottle having its neck provided with corrugations on its inner surface said neck forming a chamber and a cork-seat below the chamber, the neck being weakened by an annular groove and lugs above and below the groove having their upper and lower faces extending at right angles to the neck, as and for the purpose described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

THOS. MCGINN.

Witnesses:

S. S. WILLIAMSON,
W. L. ARENDELL.