

G. E. REED.
Bottle-Stopper.

No. 166,298.

Patented Aug. 3, 1875.

Fig. 1

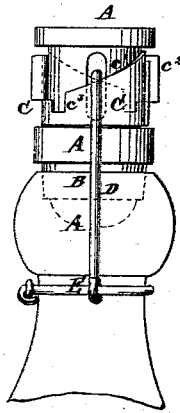


Fig. 2

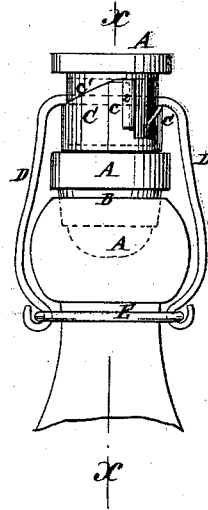
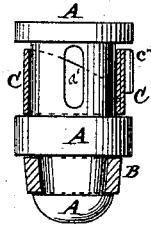


Fig. 3



WITNESSES:

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GEORGE E. REED, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN BOTTLE-STOPPERS.

Specification forming part of Letters Patent No. 166,298, dated August 3, 1875; application filed July 17, 1875.

To all whom it may concern:

Be it known that I, GEORGE E. REED, of Brooklyn, Kings county, New York, have invented a new and Improved Bottle-Stopper, of which the following is a specification:

Figure 1 is a side view of my improved stopper. Fig. 2 is a view of the same turned one-quarter around; and Fig. 3 is a detail view of the same, the rubber and metal bands being shown in section through the line *x x*, Fig. 2.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved bottle stopper, which shall be so constructed that it can be readily fastened in place and unfastened, and which, when unfastened, cannot become lost from the bottle.

The invention consists in an improved bottle-stopper formed of the body provided with ring-grooves upon its upper and lower parts, and the slot in its upper part, the rubber band and the metal band provided with the inclines, the handles, and the notches, in combination with the wire loop and the wire band, as hereinafter fully described.

A is the body of the stopper, which may be made of wood, metal, or other suitable material. The lower part of the stopper A, that enters the mouth of the bottle, is provided with a shallow ring-groove to receive a rubber band, B, which is made thicker than the depth of the said groove, so that nothing but the rubber band can come in contact with the mouth of the bottle. Around the upper part of the stopper A, that projects above the mouth of the bottle, is formed a wide and shallow ring-groove to receive a metal band, C. In the upper edge of the opposite parts of band C

are formed inclines *c'*, the shoulders at the lower ends of which are bent outward to serve as handles *c''*, for turning the said band. In the band C, at the lower ends of the inclines *c'*, are formed notches or slots *c'''*, to receive the loop D; to allow the stopper to be removed from the mouth of the bottle. The wire loop D is passed through a slot, *a'*, in the upper part of the stopper A, and its ends are secured to the opposite sides of the bottle's neck by a wire band, E, passed around the said neck. The stopper is fastened, when pressed into the mouth of the bottle, by turning the band C, so that the inclines *c'* may press against the bend of the loop D, and thus secure the stopper in place. By turning the band C back the stopper is unfastened, when the slot *a'* and the notches *c'''* allow it to be removed from the mouth of the bottle and turned to one side out of the way, while at the same time the said stopper cannot become detached from the bottle and lost.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

An improved bottle-stopper formed of the body A, provided with ring-grooves upon its lower and upper parts, and the slot *a'*, the rubber band B, and the metal band C, provided with the inclines *c'*, the handles *c''*, and the notches *c'''*, in combination with the wire loop D and wire band E, substantially as herein shown and described.

GEORGE E. REED.

Witnesses:

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