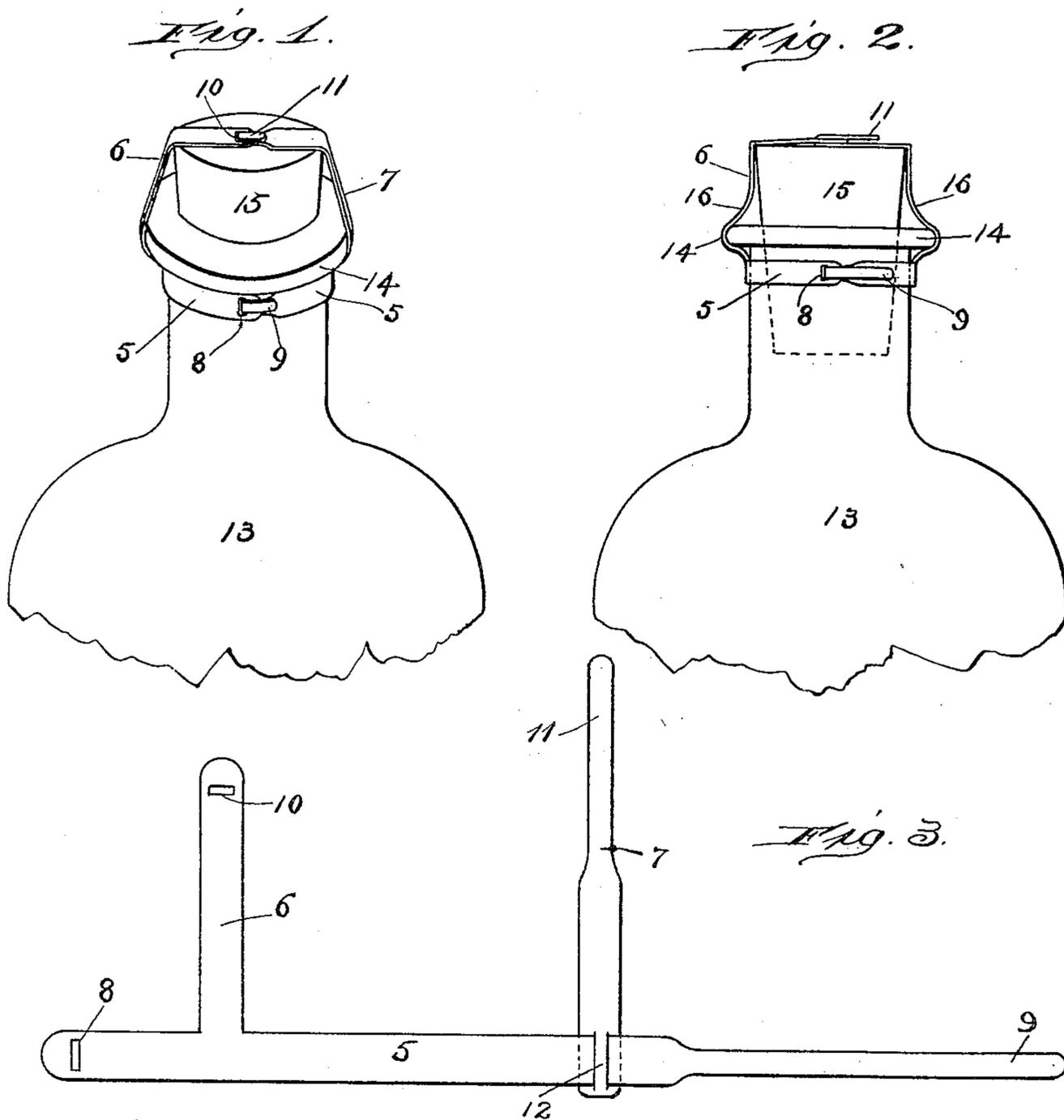


No. 824,507.

PATENTED JUNE 26, 1906.

F. T. ROBINSON.
BINDER FOR BOTTLE STOPPERS AND THE LIKE.
APPLICATION FILED OCT. 13, 1905.



Witnesses:

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UNITED STATES PATENT OFFICE.

FRANK T. ROBINSON, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO DAN E. REED AND ONE-HALF TO FRANK W. MOSER, OF CHICAGO, ILLINOIS.

BINDER FOR BOTTLE-STOPPERS AND THE LIKE.

No. 824,507.

Specification of Letters Patent.

Patented June 26, 1906.

Application filed October 13, 1905. Serial No. 282,649.

To all whom it may concern:

Be it known that I, FRANK T. ROBINSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Binders for Bottle-Stoppers and the Like, of which the following is a specification.

This invention relates to certain new and useful improvements in a device to be used for securely holding or retaining the corks or stoppers in bottles, jars, and the like; and it consists in certain peculiarities of the construction, novel arrangement, and operation of the various parts thereof, as will be hereinafter more fully set forth and specifically claimed.

The principal object of the invention is to provide a cork or stopper binder or retainer which shall be very simple and inexpensive in construction, strong, durable, and efficient in operation, and so made that it will be adjustable for bottles or vessels of different sizes, thus adapting it for universal use.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe it, referring to the accompanying drawings, in which—

Figure 1 is a perspective view of a portion of a bottle, showing a binder embodying my invention in place thereon. Fig. 2 is a view in side elevation of a portion of a bottle, showing the binder in place thereon and illustrating the straps, which retain the cork or stopper in place, bent inwardly. Fig. 3 is a face view of the binder, showing it detached from the bottle.

Like numerals of reference refer to corresponding parts throughout the different views of the drawings.

The binder consists of a strap 5, having near one of its ends a member 6, extending at right angles to one of its edges, and another member 7, which is movably mounted on the portion 5 or main strap. The parts comprising the binder may be made of any suitable size and material, but preferably of ductile metal. The strap 5 has near one of its ends an opening 8 to receive the other end 9, which is preferably reduced, as shown in Fig. 3, to about one-third of the length of the strap. The member 6 is provided near its

free end with an opening 10 to receive the free end 11 of the member 7, which is preferably reduced to about one-half its length, as shown in Fig. 3 of the drawings. The member 7 is provided in its lower portion with a punched-out loop 12 to embrace the strap 5 so that said member may be slid thereon to the desired position.

In applying the binder to the bottle 13 or other vessel the strap 5 is placed around the neck of the bottle or vessel just below the bead or rim 14 around its mouth and is fastened in position by passing the end 9 through the opening 8 in the opposite end of the strap 5 and bending the portion 9 back upon itself. When the strap 5 is thus secured in position, the members 6 and 7 will project upwardly, when the member 7 may be slid on the portion 5 to a point diametrically opposite the member 6, when said members may be secured together over the top of the cork or stopper 15 by passing the portion 11 of the member 7 through the opening 10 and bending the portion 11 back upon itself, as is clearly shown in Figs. 1 and 2 of the drawings, in which position it is apparent that the parts will hold the stopper in such a way as to prevent it coming out or being blown out by the pressure of gas within the bottle or vessel. In order to take up any slack in the members 6 and 7 after they have been fastened together over the top of the cork, they may be bent inwardly or toward the stopper, as shown at 16 in Fig. 2 of the drawings.

By employing a binder or retainer for corks or stoppers of the above-named construction it is apparent that it is adapted for universal use or on bottles or vessels of different sizes by reason of the fact that the strap 5 may be made of sufficient size by passing one of its ends through the opening in its other end to fit the neck of any-sized vessel and by reason of the further fact that the element 7 may be slid on the portion 5, so as to occupy a position diametrically opposite the member 6, which it engages over the top of the cork or stopper.

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

1. As an improved article of manufacture, a binder for bottle-stoppers and the like con-

sisting of a strap having integral therewith a lateral extension and provided with means to attach its end portions together around the neck of the vessel, and a member movably
5 mounted on the strap and adapted to engage the upper portion of the lateral extension, substantially as described.

2. As an improved article of manufacture, a strap having in one of its ends an opening
10 and its other end reduced to fit in said open-

ing and provided with an integral lateral extension having an opening near its free end, and a member movably mounted at one of its ends on the strap and having its other end reduced to fit in the opening of the lateral ex- 15
tension, substantially as described.

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