

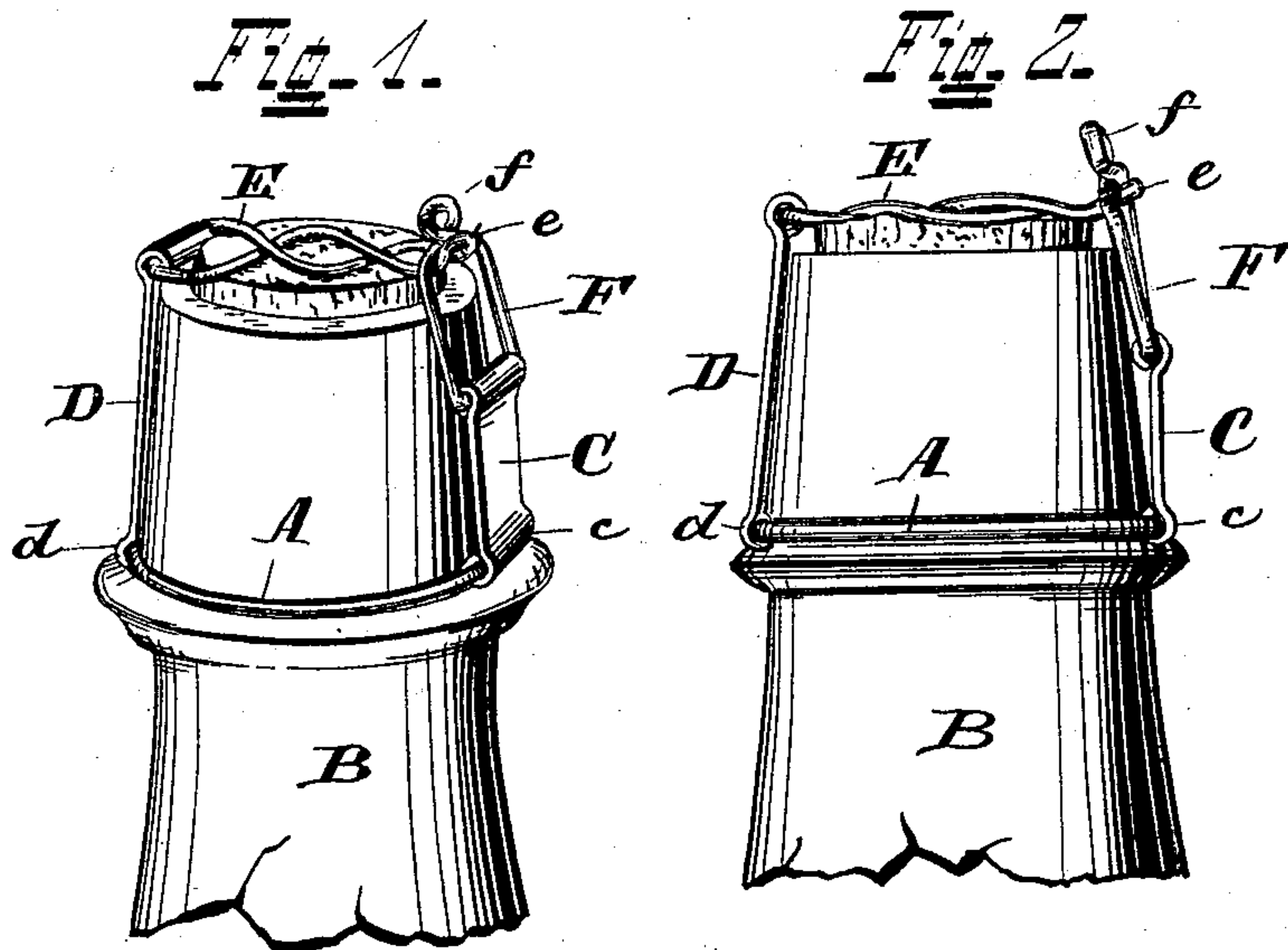
(Model.)

E. H. MORGAN.

CORK RETAINER.

No. 321,237.

Patented June 30, 1885.



Attest  
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Inventor  
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# UNITED STATES PATENT OFFICE.

EDWARD H. MORGAN, OF CINCINNATI, OHIO, ASSIGNOR OF ONE-HALF TO  
MICHAEL E. KUHN, OF SAME PLACE.

## CORK-RETAINER.

SPECIFICATION forming part of Letters Patent No. 321,237, dated June 30, 1885.

Application filed October 16, 1884. (Model.)

*To all whom it may concern:*

Be it known that I, EDWARD H. MORGAN, a resident of Cincinnati, Hamilton county, and State of Ohio, have invented certain new and useful Improvements in Cork-Retainers, of which the following is a specification.

Bottles intended to receive liquids which generate considerable internal pressure are usually provided with means for holding the corks in position to prevent their being forced out by any undue amount of pressure from within. Such bottles are especially used for holding effervescing liquids. My invention provides a cheap but efficient device for retaining corks under such circumstances. As will be seen from the following specification, it is easily made, may be readily put on the bottles, and when in position it performs its functions perfectly. It is easily closed and opened, and will last fully as long as the average bottle. It is not liable to become rusty from standing, and is always ready for use.

In the accompanying drawings, Figure 1 is a perspective view of a bottle-top provided with my device. Fig. 2 is a side view of the same, the cork in this instance not being shown.

A wire strip or cord, A, encircles the neck of the bottle B at a constricted portion, and in this way holds in position two movable portions, limbs, or leaflets, C and D. These leaflets C and D are of any suitable material, but are preferably made of tin or thin brass, and may be made of either double or single thickness. Leaflet D is at one end wrapped about the wire A so as to form hinge-joint *d*. Leaflet C is at one end wrapped around the wire A, so as to form a hinge-joint, *c*. Joint *d* is on that side of the neck or mouth part of the bottle which is opposite to that side where joint *c* is. Similarly hinged to the upper end of leaflet D is a piece of wire, E, preferably of copper, and preferably fold-

ed once on itself, as shown, for the purpose of stiffening it. The wire E, while preferably made of copper, may be made of iron. It is long enough to extend across the top of the bottle, and at its end is turned up somewhat, forming a lip, *e*. A loop of wire, F, preferably of copper, is hinged to the upper part of the leaflet C. A handle, *f*, is formed on the top of the loop F by twisting it, as shown in the drawings. This handle *f* may also be made in other ways which readily suggest themselves, the only essential feature being a handle on the loop above the top of the loop proper. The presence of this handle can hardly be termed essential, but it adds materially to the ease with which the device is handled.

The mode of operation of the device is apparent from a single glance at the drawings. The wire E is pulled down over the cork and the loop F caught over the lip *e*, in this way holding everything firmly. In opening, the operation is reversed.

What I claim as new and of my invention, and desire to secure by Letters Patent, is—

1. The wire A, limb D, limb E, terminating in the lip *e*, limb C, and loop F, substantially as and for the purposes specified.

2. The wire A, limb D, limb E, terminating in the lip *e*, limb C, and loop F, provided with handle *f*, substantially as and for the purposes specified.

3. The wire A, limb D, crossed wire E, having terminal lip *e*, limb C, and loop F, substantially as and for the purposes specified.

4. The wire A, leaflet D, crossed wire E, having terminal lip *e*, leaflet C, and wire loop F, provided with handle *f*, substantially as and for the purposes specified.

EDWARD H. MORGAN.

Witnesses:

WM. ED. JONES,  
O. M. HILL.