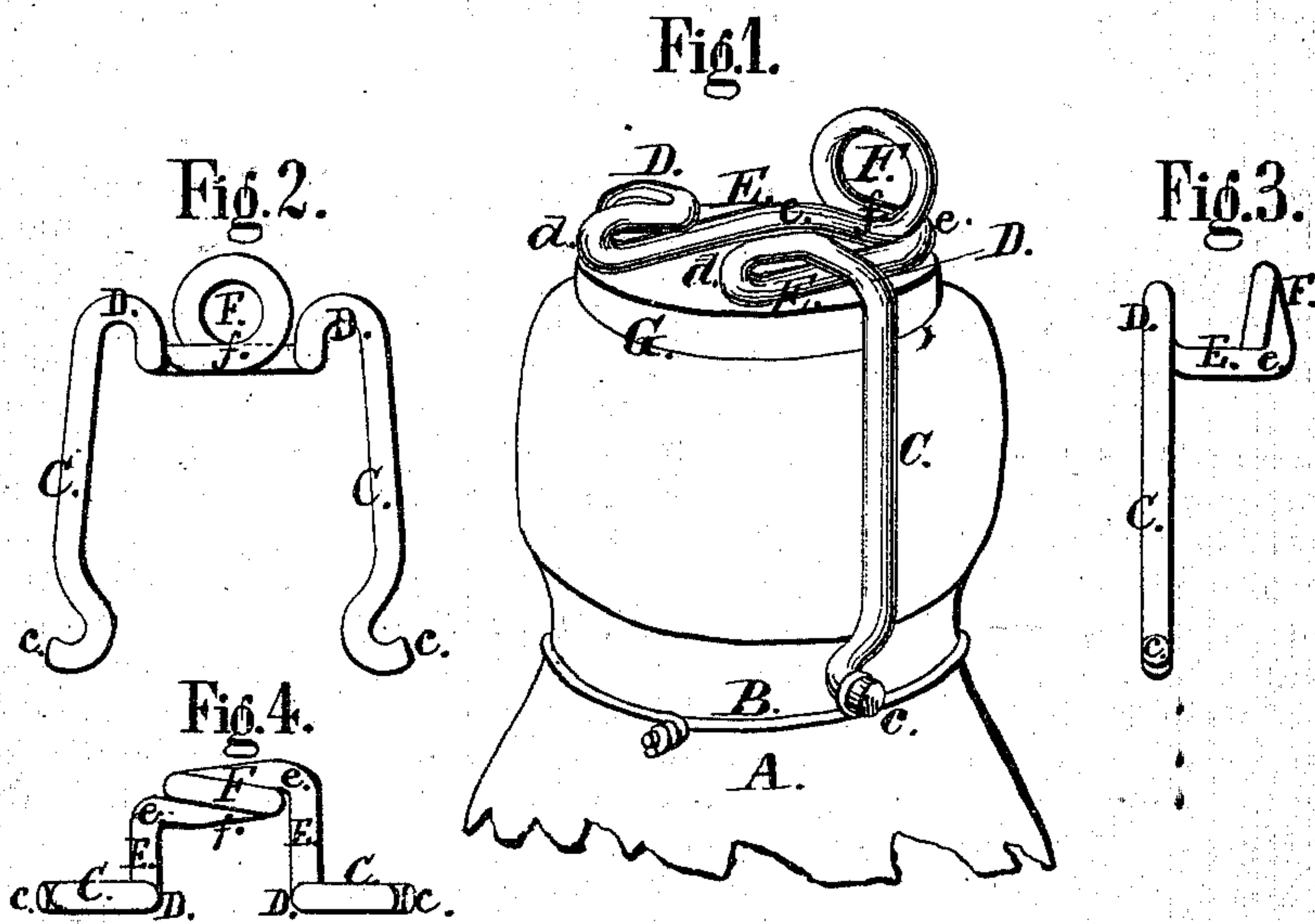


J. H. PARKHURST.
Cork-Fasteners.

No. 146,471.

Patented Jan. 13, 1874.



ATTEST:

Gas. L. Ewin
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INVENTOR:

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By Knight & Bro. Attys.

UNITED STATES PATENT OFFICE.

JAMES H. PARKHURST, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN CORK-FASTENERS.

Specification forming part of Letters Patent No. **146,471**, dated January 13, 1874; application filed April 2, 1873.

To all whom it may concern:

Be it known that I, JAMES H. PARKHURST, of St. Louis, St. Louis county, Missouri, have invented a certain Improved Fastener for Bottle-Corks, of which the following is a specification:

The subject of my invention is a wire fastener for bottle-corks, constructed with vertical shanks to be attached at their lower ends to the neck by a wire tie or band, in the usual manner, vertically, and recurved shoulders connecting the upper ends of said shanks with the horizontal head-piece, which bears on the top of the cork, the vertical curvature of the said shoulders serving to prevent the lateral connections between the shanks and the head from becoming embedded in the cork. The primary object of this device is to provide a fastening which, while holding sufficiently to avoid danger of accidental displacement, will not be rendered difficult to detach with the thumb by any lapse of time or any pressure within the bottle.

In the drawings, Figure 1 is a perspective view of my fastening. Figs. 2, 3, and 4 are, respectively, front and side elevations and a top view of a modification of the same.

A is the upper part of the bottle neck, surrounded by the usual holding-wire B, in which are formed the eyes to receive the out-turned ends *c* of the side pieces or shanks C, forming the hinges of the fastener. The side pieces

are bent over inward at D, and curved forward and rebent at *d*. The parallel head-pieces E extend beneath the parts D, and are held down thereby. The head-pieces E are turned toward each other at *e*, and both turned upward and half twisted together at *f*, and meet in a vertical thumb-loop, F, transverse to the head-pieces E, and consequently to the line of movement of the fastener upon the cork.

The twisted thumb-loop is much stronger than a simple U-bend would be. It provides the means by which the fastener may be easily moved without the use of an ice-pick or other instrument, the use of which frequently causes the destruction of the fastener, and often of the bottle.

In the modification shown in Figs. 2, 3, and 4, the side pieces or shanks C have, at the top, simple vertical bends D, as shown; and the return bends *d* are dispensed with, the head-piece having a simple U-bend with the twisted thumb-loop F, as in Fig. 1.

I claim—

A stopper-fastener, constructed with shanks C, recurved shoulders D, and horizontal bearing-head E, all arranged to operate substantially as specified.

JAS. H. PARKHURST.

Witnesses:

SAML. KNIGHT,
ROBERT BURNS.