

J. H. PARKHURST.
BOTTLE-STOPPER FASTENER.

No. 191,251.

Patented May 29, 1877.



Fig. 1

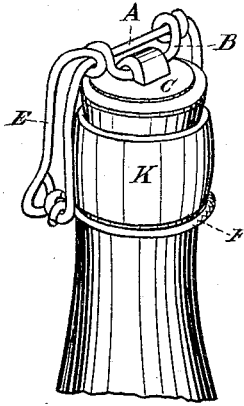


Fig. 2

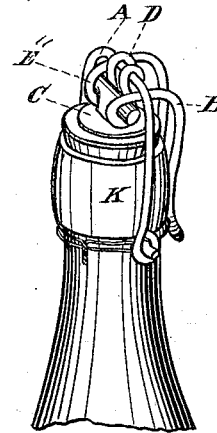


Fig. 3

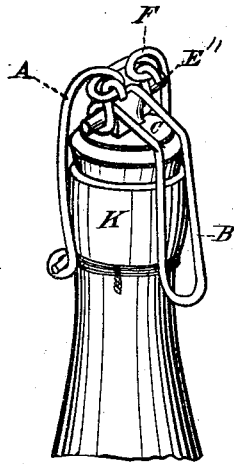


Fig. 4

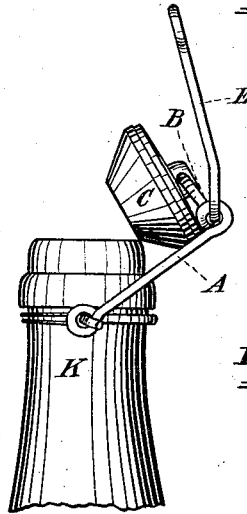


Fig. 5

Attest
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UNITED STATES PATENT OFFICE.

JAMES H. PARKHURST, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF HIS RIGHT TO GEORGE C. HUTCHINSON.

IMPROVEMENT IN BOTTLE-STOPPER FASTENERS.

Specification forming part of Letters Patent No. **191,251**, dated May 29, 1877; application filed April 17, 1877.

To all whom it may concern:

Be it known that I, JAMES H. PARKHURST, of the city of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Bottle-Stopper Fasteners, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 shows a bottle containing one of my bottle-stopper fasteners, in which the letter C is the stopper containing the perforated lugs D, through which the crank-rod B passes. Around the crank ends of this rod B is coiled the bail-wire A, as shown at H, the bail-wire passing down, and being connected with the neck-wire F around the neck of the bottle. The crank-rod or wire B, has a handle, E, to it, which is a continuation of one of the crank ends G, by which I manipulate the rod.

The operation of this fastener is as follows: We place the cork C in the neck of the bottle, with the crank-wire B in the position shown in Fig. 5, and on turning the handle E down along side of the bottle the cork is pressed firmly into the neck of the bottle. This is accomplished by the crank ends G of the crank-rod B turning in the coils H of the bail-wire A.

In Fig. 2 I show a modification of this apparatus, where, instead of coiling the bail-wire A around the crank-wire B, I reverse the operation, and coil the crank-wire B around the bail-wire A, the other features of the apparatus being essentially the same.

In Fig. 3 I have still another modification, in which the crank-wire B is coiled around

the lugs E' at C, instead of passing through the perforations in the lugs, as shown in the other case. In this case also the crank-wire B is coiled around the bail-wire A, as in Fig. 2, the other features remaining essentially the same.

In Fig. 4 I have a still further modification. This is the same as in Fig. 3, with the exception that I make two coils or loops in the bail-wire A, into which the crank-wire B is looped or hooked. This holds the crank-wire B in a definite position with reference to the bottle's neck, and insures that the cork C shall always come down in the same place, which is not always the case when arranged as in Fig. 3, as the crank-wire B can, as shown in Fig. 3, slide on the bail-wire A.

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

1. The combination, as shown in Fig. 1, of the crank-wire B, constructed as shown and described, with the bail-wire A, constructed as shown and described.

2. The bail-wire A, in combination with the crank-wire B and the cork C, in the manner shown and described, and for the purpose set forth.

3. The combination of the crank-wire B with the bail-wire A, stopper C, and bottle K, in the manner shown and described, and for the purpose set forth.

JAMES H. PARKHURST.

Witnesses:

F. J. SEYBOLD,
JESSIE E. PHELPS.