

S. E. Clapp.

Cork-Pull.

N<sup>o</sup> 73435

Patented Jan. 21, 1868.

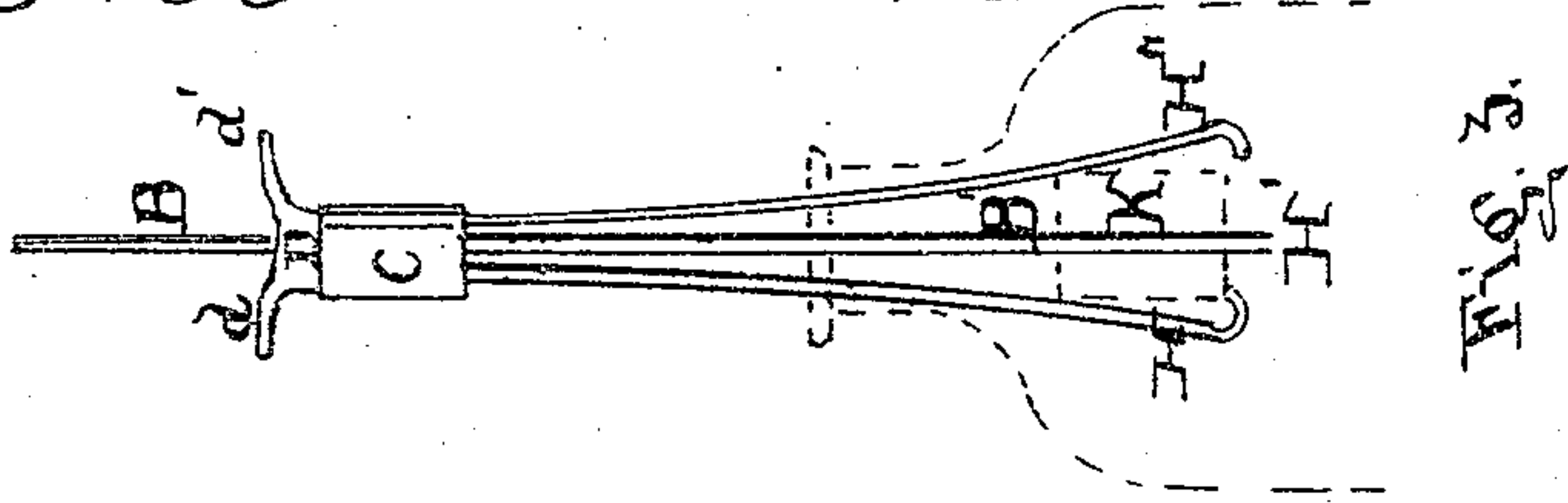


Fig. 3.

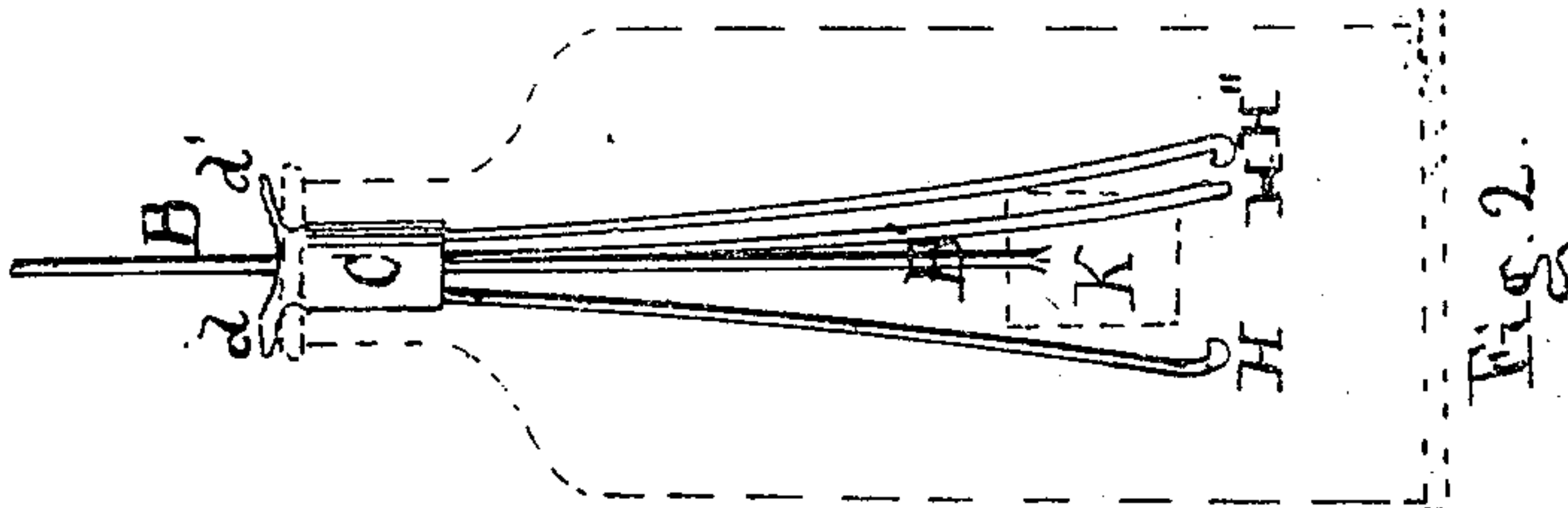


Fig. 2.

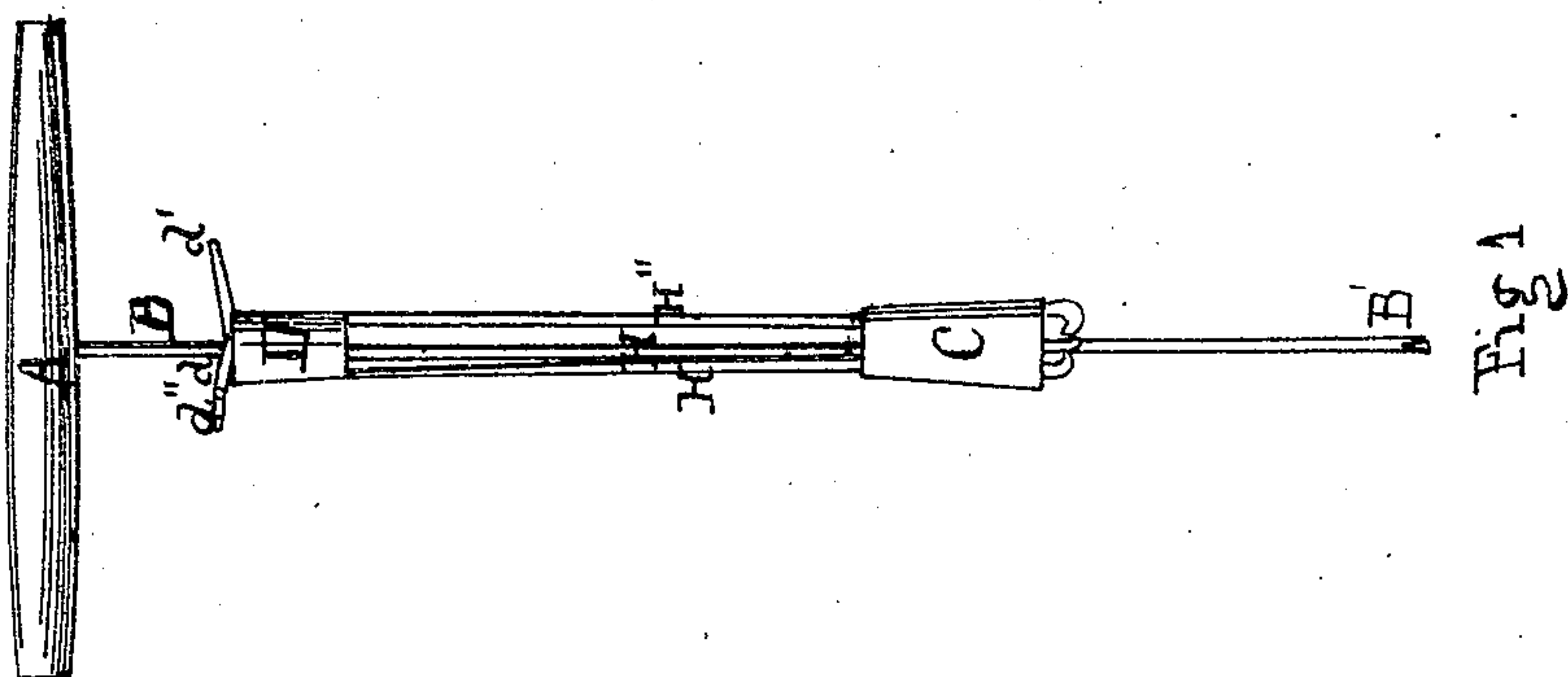


Fig. 1.

WITNESSES.

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SETH E. CLAPP, OF CAMBRIDGE, ASSIGNOR TO HIMSELF AND GEORGE P. CLAPP, OF BOSTON, MASSACHUSETTS.

*Letters Patent No. 73,435, dated January 21, 1868.*

## IMPROVED CORK-PULL.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, SETH E. CLAPP, of Cambridge, in the county of Middlesex, and State of Massachusetts, have invented certain new and useful Improvements in Cork-Pullers; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in making a cork-puller, by combining with a number of grappling-prongs a central spear, said spear serving to pierce the cork, and to draw it up between the prongs.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and use. In the drawings—

Figure 1 represents the cork-puller with the prongs closed in, ready to insert in the bottle.

Figure 2 is an elevation showing it in the bottle, the prongs being open, the cork having been pierced by the spear, suspended between the prongs.

Figure 3 is an elevation showing the cork-puller drawn partly out of the bottle, the prongs being pressed on to the cork by the neck of the bottle.

A, fig. 1, represents the handle. B B', in all the drawings, is a rod, attached to the handle, and sharpened at its lower end, so that it may serve as a spear for sticking into the cork. Attached to the rod B B' is a metallic sleeve, C, enclosing the prongs H H' H''. This sleeve, being attached to the rod B, slips from one end of the prongs to the other. When at the lower end of the prongs, as represented in fig. 1, it draws them together, so that the instrument may be passed into the mouth of the bottle. When at the upper end of the prongs, the prongs spring out, as represented in fig. 2. The three prongs H H' H'' are soldered together, as represented by D, figs. 1 and 3. d d' d'' are three small horns, which rest upon the mouth of the bottle, as shown in fig. 2.

To use my invention, I proceed as follows: The prongs are closed, as shown in fig. 1, and the instrument inserted in the bottle, the lower end of the spear, B', being inserted sufficiently into the cork to make the cork adhere to it. Now, if the prongs are held stationary, and the spear B B' be drawn up, it will slide up the sleeve C, as shown in fig. 2, and allow the prongs H H' H'' to open, so that the cork K will be drawn up between them, as represented by fig. 2. By continuing to pull upon B B', the whole will be drawn towards the mouth of the bottle, as shown in fig. 3, in which case the prongs will be crowded hard on to the cork, and clasp it so firmly that it may be drawn entirely out of the bottle.

I do not wish to confine myself to any particular kind of a spear. The point may be made in the form of an arrow-head, or may be cleft, like an eel-spear, and still work well.

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

The combination of the spear B B' with the sleeve C and the grappling-prongs H H' H'', substantially as described, and for the purpose set forth.

SETH E. CLAPP.

Witnesses:

FRANK G. PARKER,  
A. HUN BERRY.