

(No Model.)

E. E. THORPE.
CORK SECURER.

No. 452,089.

Patented May 12, 1891.

Fig. 1.

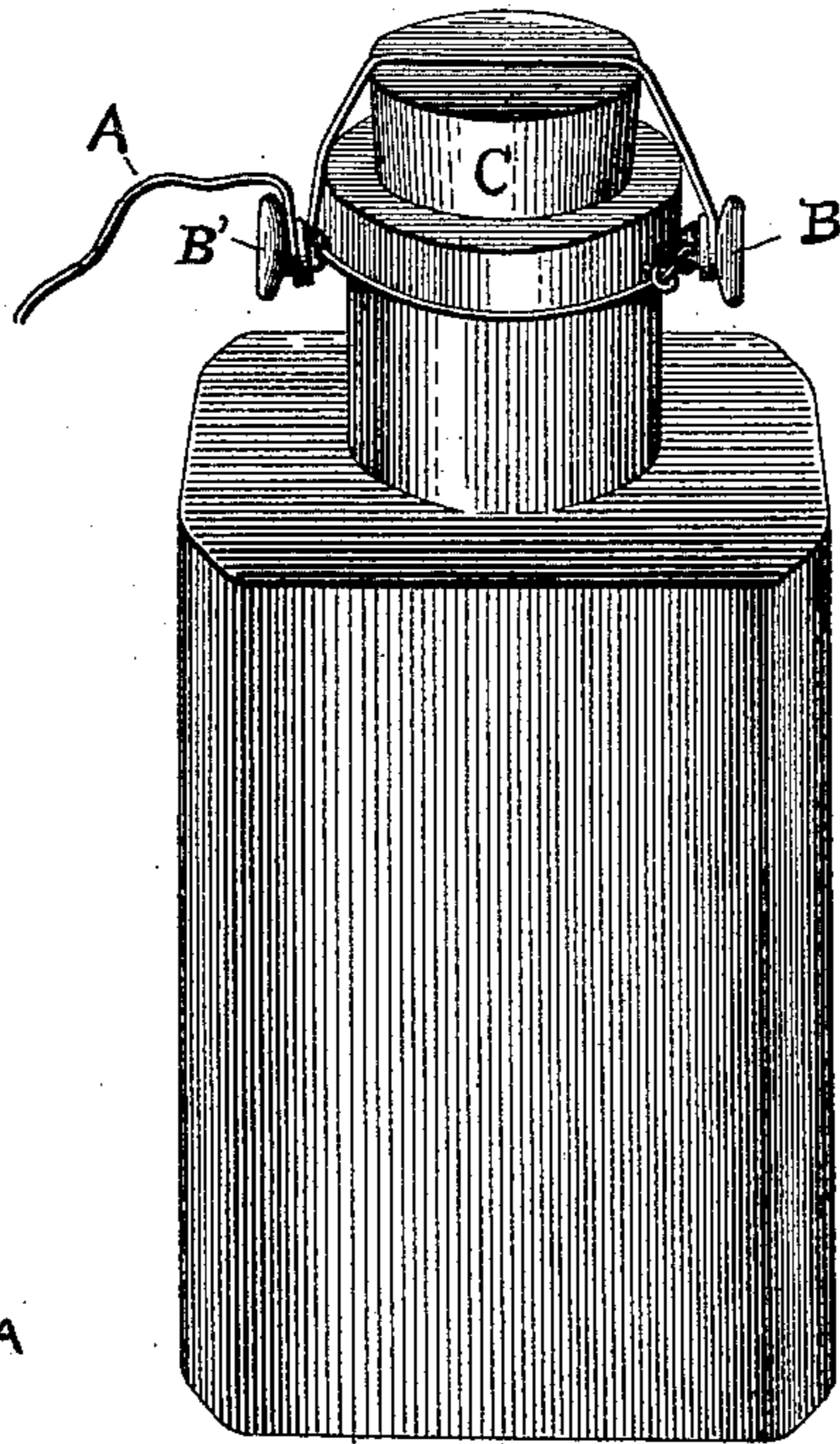


Fig. 5.

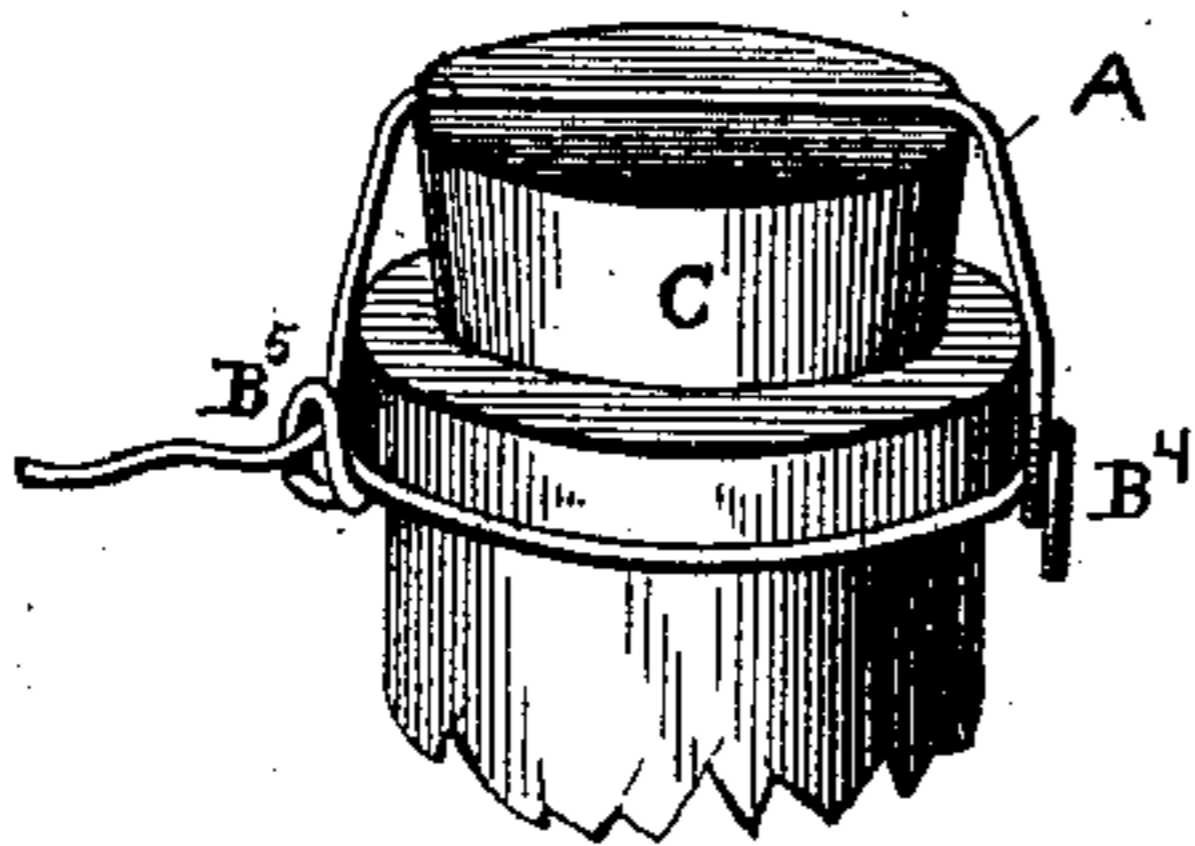


Fig. 6.

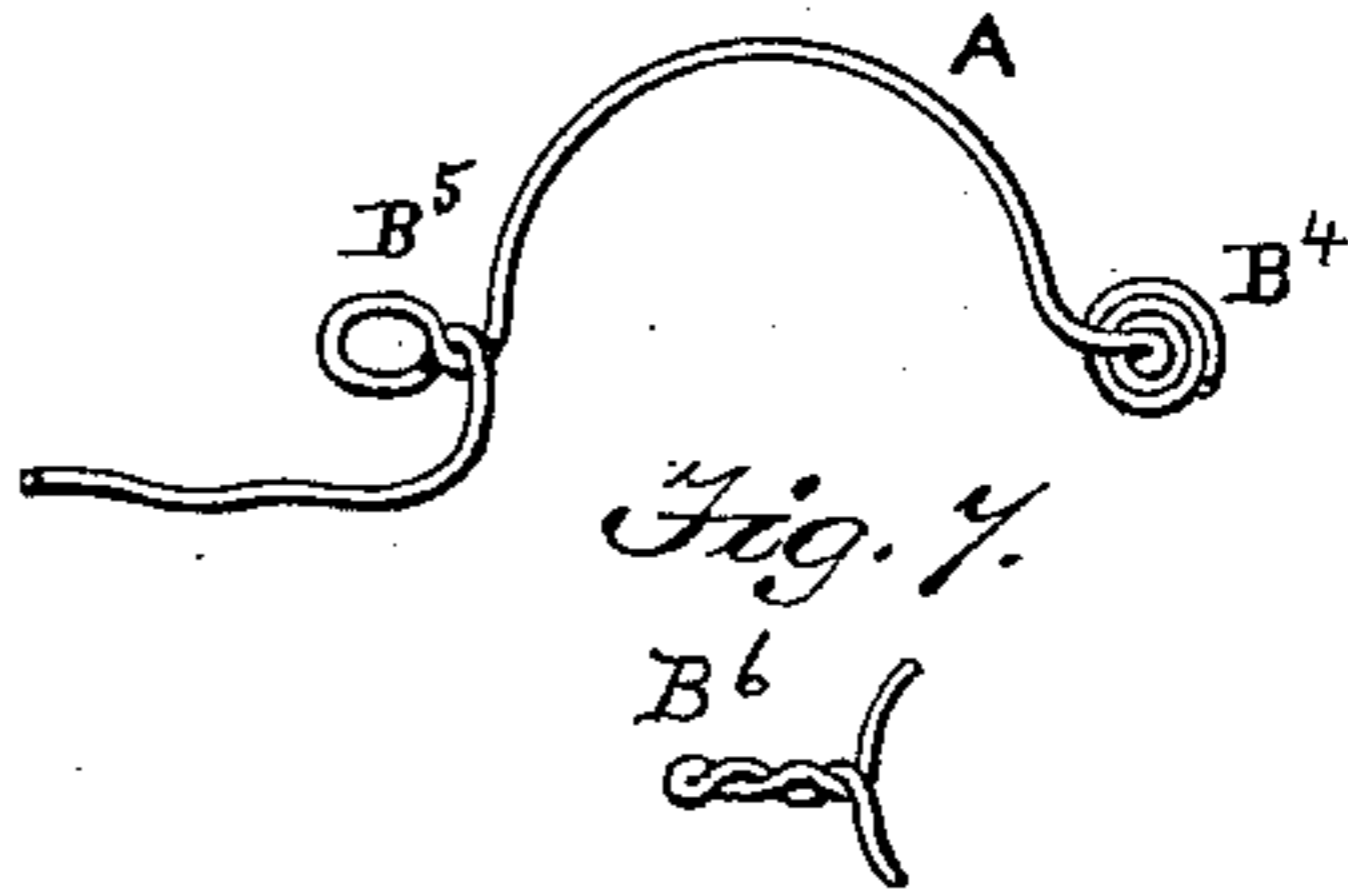


Fig. 7.



Fig. 2.

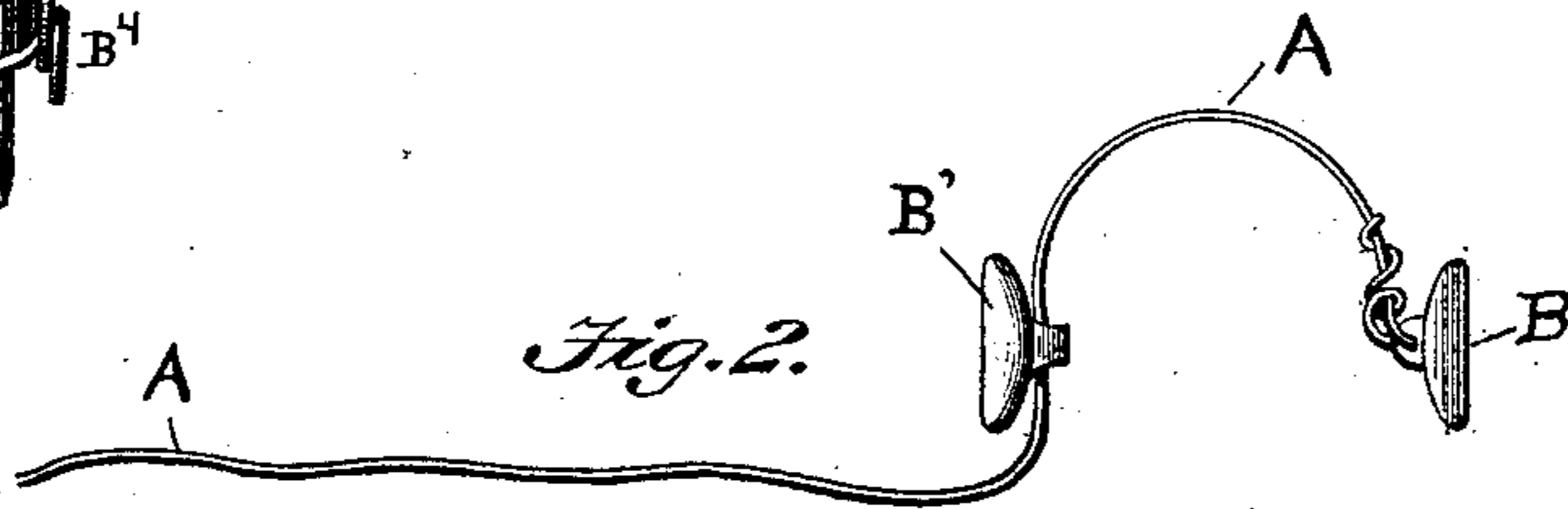


Fig. 3.

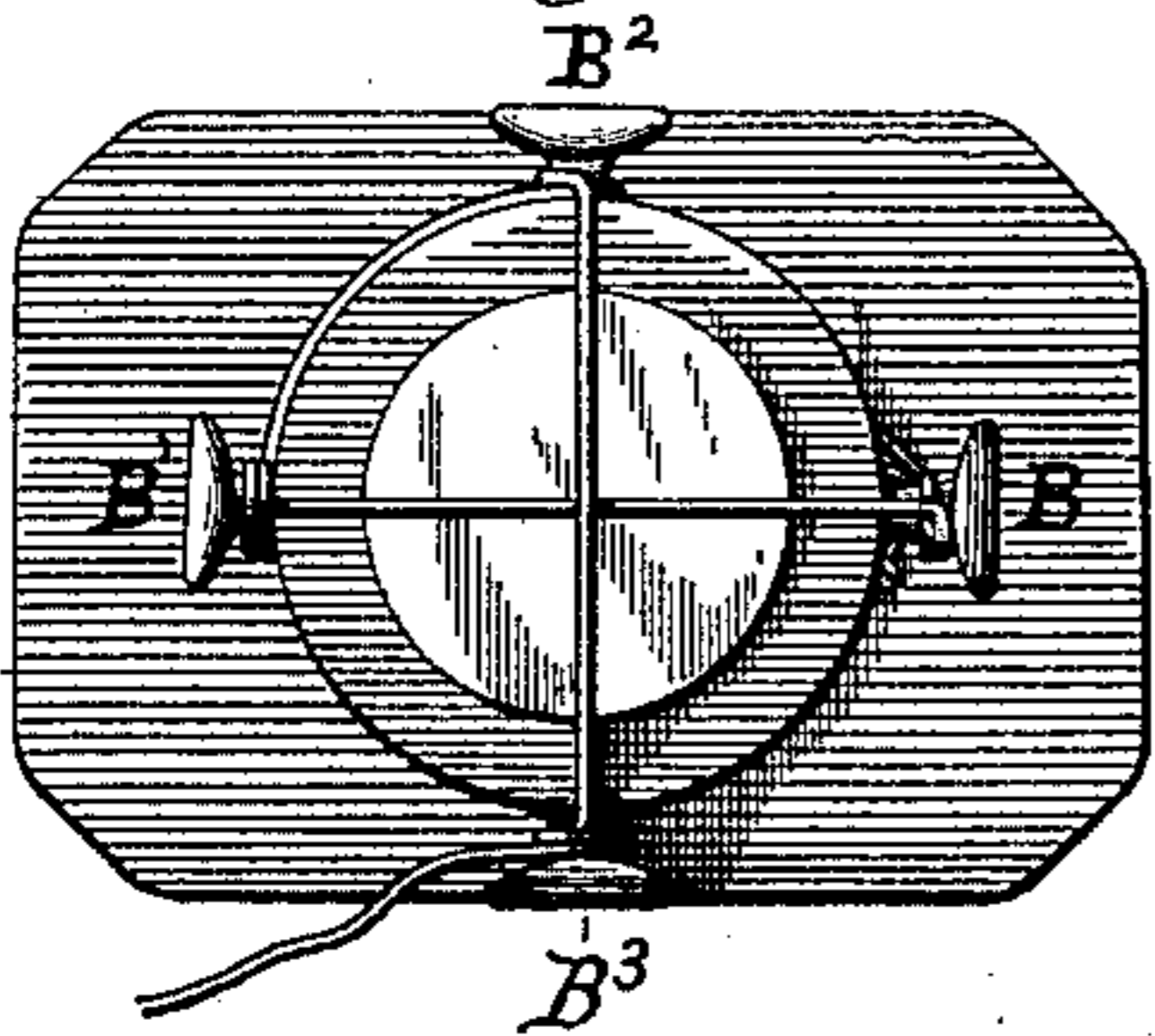
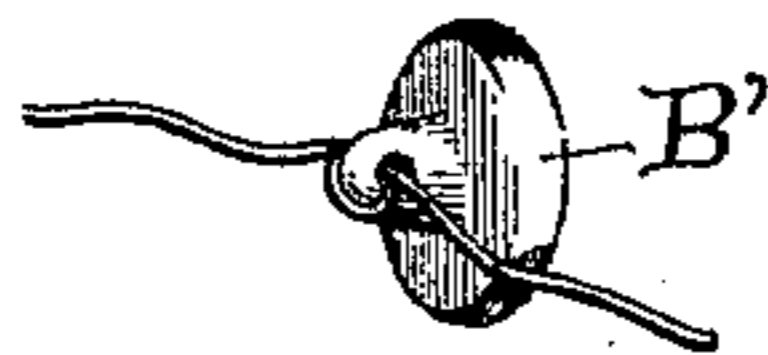


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWARD E. THORPE, OF JERSEY CITY, NEW JERSEY.

CORK-SECURER.

SPECIFICATION forming part of Letters Patent No. 452,089, dated May 12, 1891.

Application filed September 29, 1890. Serial No. 366,577. (No model.)

To all whom it may concern:

Be it known that I, EDWARD E. THORPE, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented a certain new, useful, and valuable Improvement in Cork-Securers, of which the following is a full, clear, and exact description.

My invention has for its object to provide a cork-securer of such a simple, inexpensive, and practical construction as will commend itself for general use.

I accomplish the object of my invention by means of the device shown in the accompanying drawings, in which—

Figure 1 represents a perspective view of a bottle with the cork thereof rigidly secured by my improvement. Fig. 2 is a view of my improvement detached from the bottle. Fig. 3 is a plan view showing a modification of my improvement. Fig. 4 is a detailed view showing one manner of fixing a button rigidly at any point on the wire. Fig. 5 is a perspective view of a modification of my improvement. Fig. 6 shows the same detached from the bottle. Fig. 7 shows another modification of my improvement.

Similar letters of reference indicate like parts throughout the several views.

The simplest form of my cork-securer consists merely of a flexible wire or cord A, with a button B rigidly secured at one end thereof, and a movable button B', which slides on said wire. (See Fig. 2.)

The operation of my improvement, as shown at Figs. 1 and 2, is as follows: First, the wire A is passed around the neck of a bottle, drawn tight, and wound one or more times around the rigid button B. The movable button B' is then slid on the wire A until it is directly opposite the rigid button B. The wire is then carried from the rigid button up over the cork C and twisted several times around the button B', (see Fig. 1,) thus preventing the cork from coming out or moving upward until the wire which crosses it is removed. The rigid button may be formed by twisting the wire at one end, as shown at B⁴, Figs. 5 and 6, and in place of the movable button B', I may employ a loop B⁵ or a knob formed by twisting the wire, as shown at B⁶,

Fig. 7. With the modification shown at Figs. 5 and 6 the wire is carried through the loop B⁵, and then carried over the cork back to and twisted around the button B⁴. It is obvious that the end of the wire A, Fig. 1, after having crossed the cork and been twisted around the button B', might be carried back over the cork and twisted around the button B again, and, in fact, the wire can be carried back and forth from the two buttons any number of times without avoiding the spirit of my invention.

Instead of having the button B' movable, it may be rigidly secured at such a point on the wire that when the same is passed around the neck of the bottle the button B' will always come directly opposite the fixed button B. At Fig. 4 I show, perhaps, the simplest way of accomplishing this end, which is done by passing the wire twice through the shank, as will be seen, thus forming a kind of knot.

Instead of employing only two buttons, I may employ four or more buttons, as shown at Fig. 3. In this case after the wire has been twisted around button B' it is carried therefrom to button B², and from there crossed over the cork again to button B³ and made secure. The buttons B', B², and B³ may be either movable or fixed.

Having described my invention, what I claim as new is—

1. A cork-securer consisting of a flexible wire or cord having a button or knob at one end thereof, and one or more buttons located on that part of the wire which surrounds the neck of the bottle, and to which said wire is attached after being carried into engagement with the first button and over the cork, substantially as shown, and for the purpose set forth.

2. In a cork-securer, the combination of a wire having a button at one end thereof and one or more buttons adjustable on said wire, and to which said wire is attached after being carried into engagement with the first button and over the cork, substantially as shown, and for the purpose set forth.

3. The combination, with a suitable bottle and cork, of a cork-securer consisting of a flexible wire or cord passed about the bottle-neck, having a button attached to one end

thereof, and one or more other buttons located on that part of the wire which surrounds the neck of the bottle, and to which said wire is attached after being carried into
5 engagement with the first button and over the cork, substantially as shown, and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD E. THORPE.

Witnesses:

CLARENCE B. MITCHELL,
GEO. H. MARTIN.