

J. J. Eshleman,

Bottle Stopper.

N^o 62,536.

Patented Mar. 5, 1867.

Fig. 2.

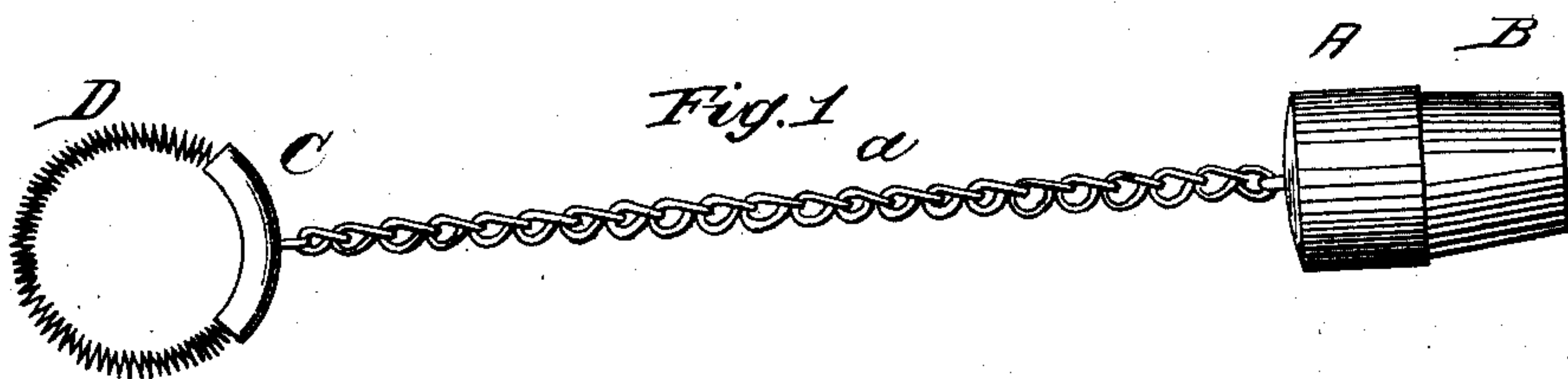
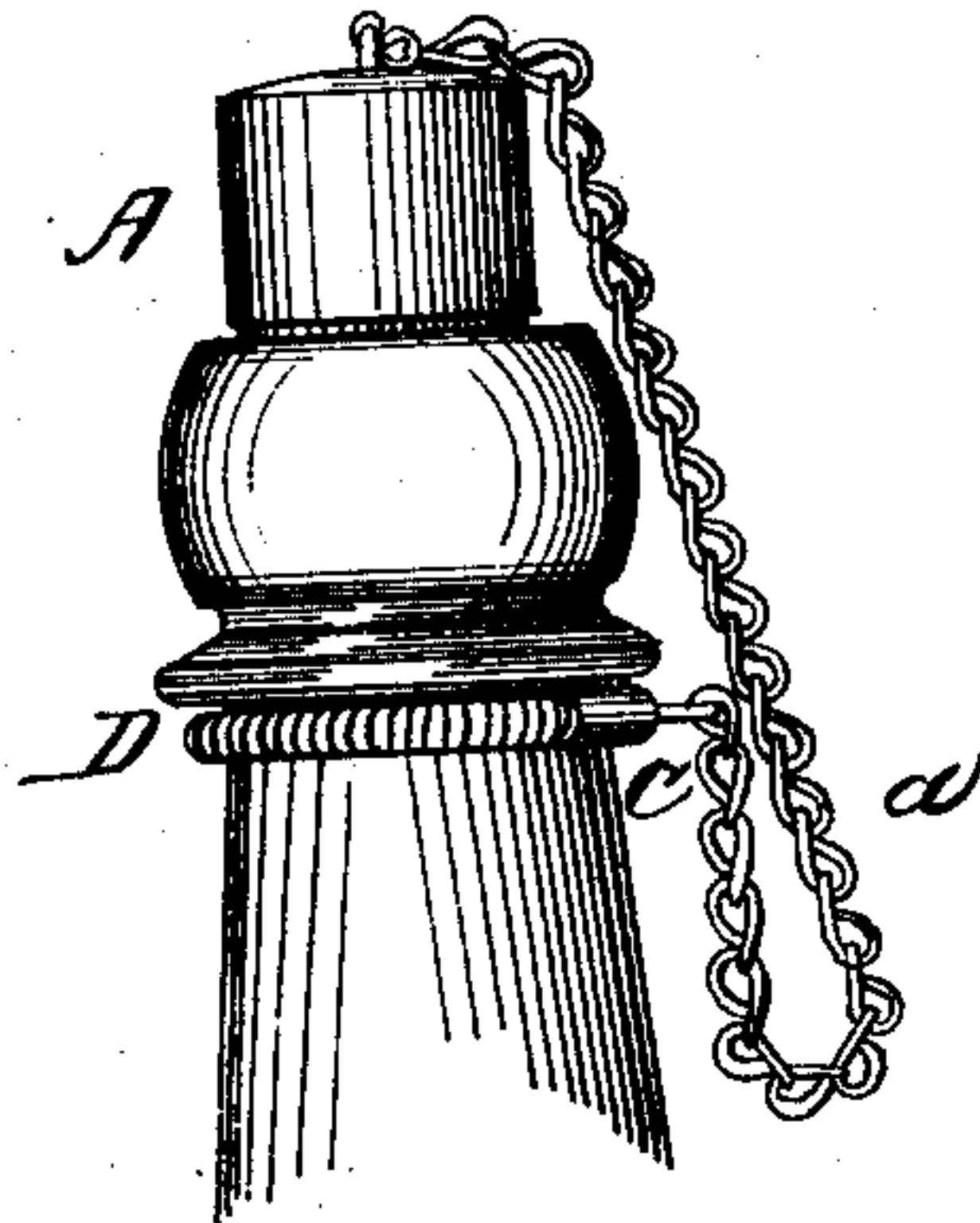


Fig. 4.

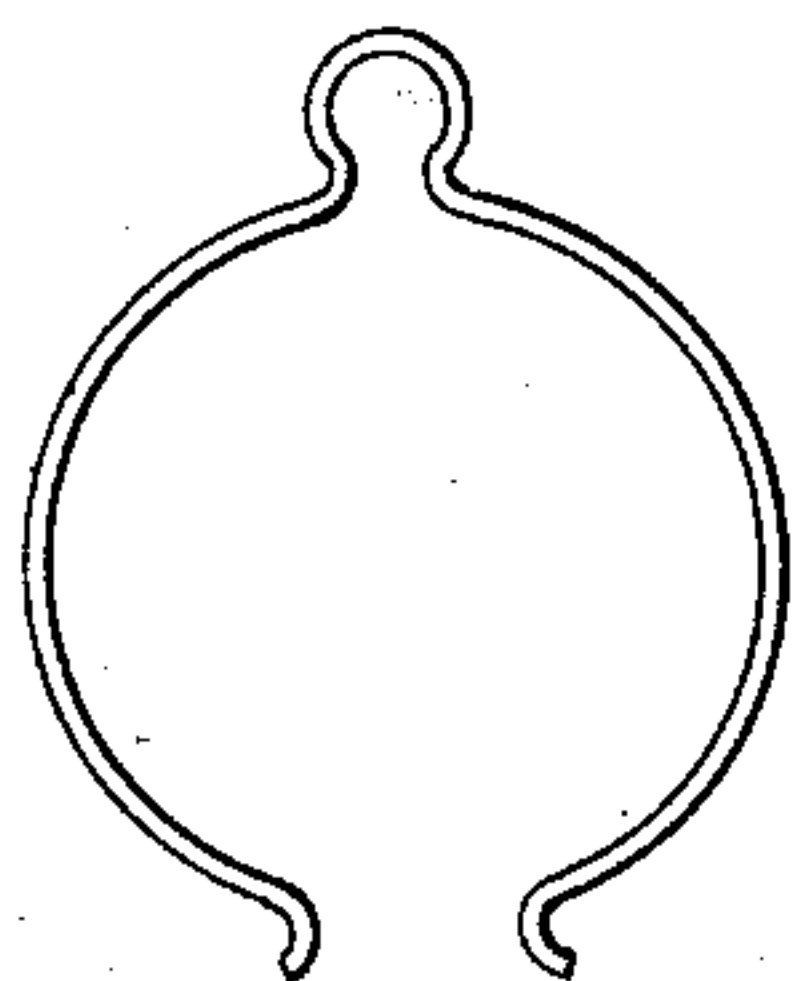
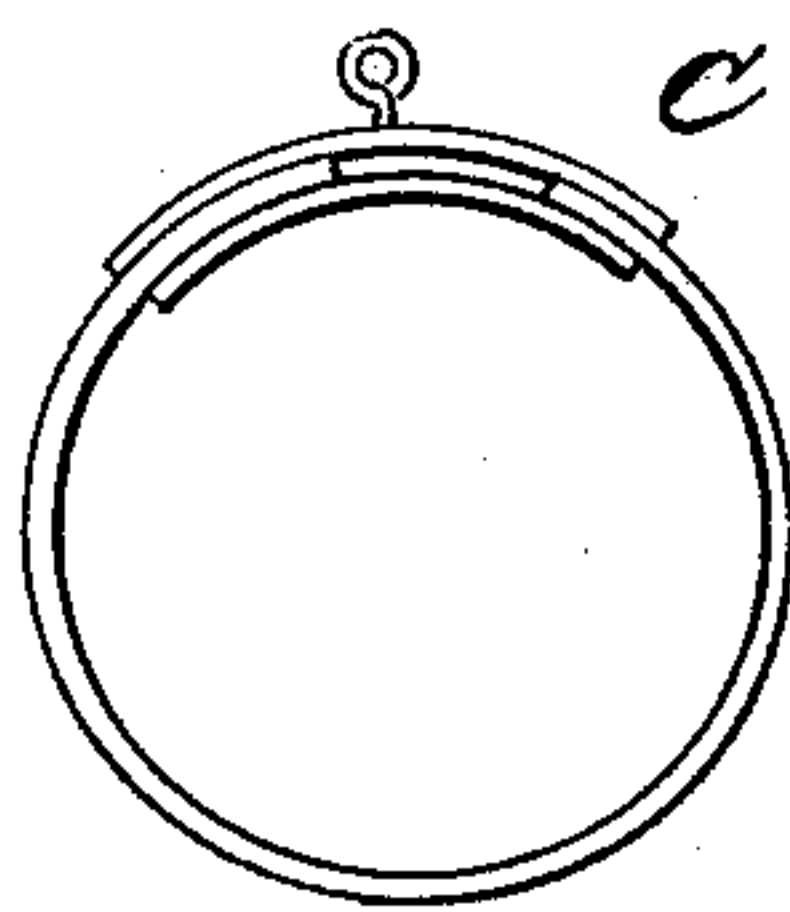


Fig. 3.



Witnesses.

Wm. Albert Steel
L. H. Horan Godwin

Inventor:
J. J. Eshleman
By his attorney
J. H. Housen

United States Patent Office.

JOHN J. ESHLEMAN, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
HIMSELF AND JAMES RILEY, OF SAME PLACE.

Letters Patent No. 62,536, dated March 5, 1867; antedated February 16, 1867.

IMPROVEMENT IN ATTACHING STOPPERS TO BOTTLES.

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, JOHN J. ESHLEMAN, of Philadelphia, Pennsylvania, have invented an Attachment for Bottle Stoppers; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

My invention consists of an elastic ring and a chain combined with a bottle stopper, in the manner described hereafter, so that the stopper may be securely attached to and readily detached from the bottle when required.

In order to enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and the manner in which it is applied. On reference to the accompanying drawing, which forms a part of this specification—

Figure 1 represents a bottle stopper with my attachment.

Figure 2 the same, applied to a bottle; and

Figures 3 and 4 modifications of part of the attachment.

A is a metal socket, in which is secured a stopper, B, of cork, or other suitable material, and to the top of this socket is connected one end of a chain, *a*. To the other end of the chain *a* is secured a curved metal tube, C, through which extends a portion of a spiral spring, D, the opposite ends of the said spring (which is bent in the form of a ring) being secured together within the tube. When it is desired to connect the stopper to a bottle, the elastic ring D is slipped over the usual enlargement *x*, at the mouth of the bottle, until it occupies a position on the neck below the said enlargement, as shown in fig. 1, the ring expanding as it passes over the enlargement, and then contracting so as to adhere firmly to the neck, and remain in the position in which it is placed. Instead of a ring composed of a spiral spring a split ring of wire may be used, one end being secured to the tube C, and the other end projecting into and sliding in the tube, as shown in fig. 3; or the tube C may be dispensed with, and a split wire ring, similar to that shown in fig. 4, may be used. It will be seen that by the use of this attachment a stopper may be securely connected to a bottle, while it can be readily detached when required.

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

An expanding or elastic ring D and a chain, *a*, in combination with a stopper, B, substantially as and for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

J. J. ESHLEMAN.

Witnesses:

CHARLES E. FOSTER,
JOHN WHITE.