

H. M. Creamer,
Corkscrew,
No. 38,155, *Patented Apr. 14, 1863.*

Fig. 1.

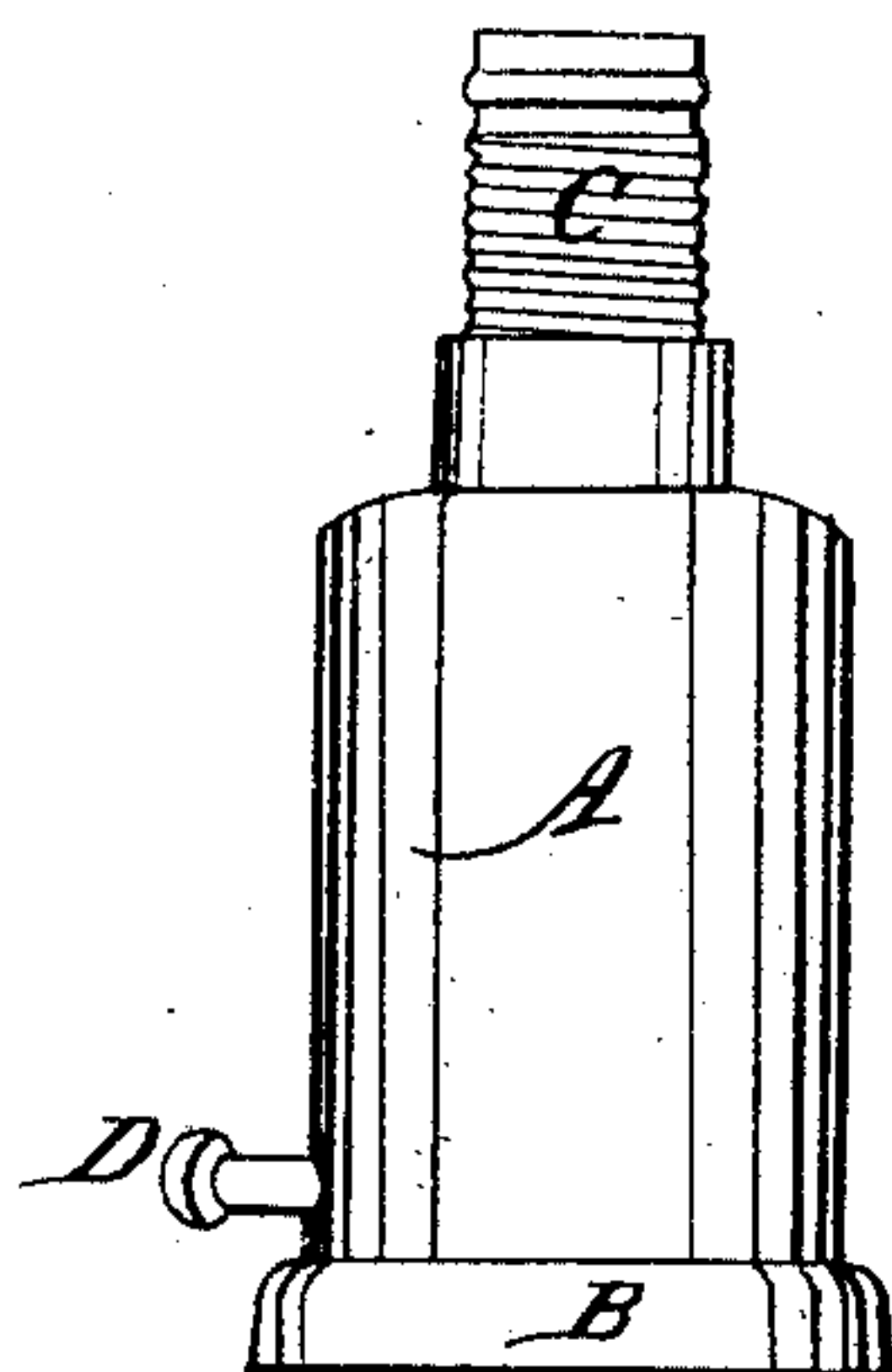


Fig. 2.

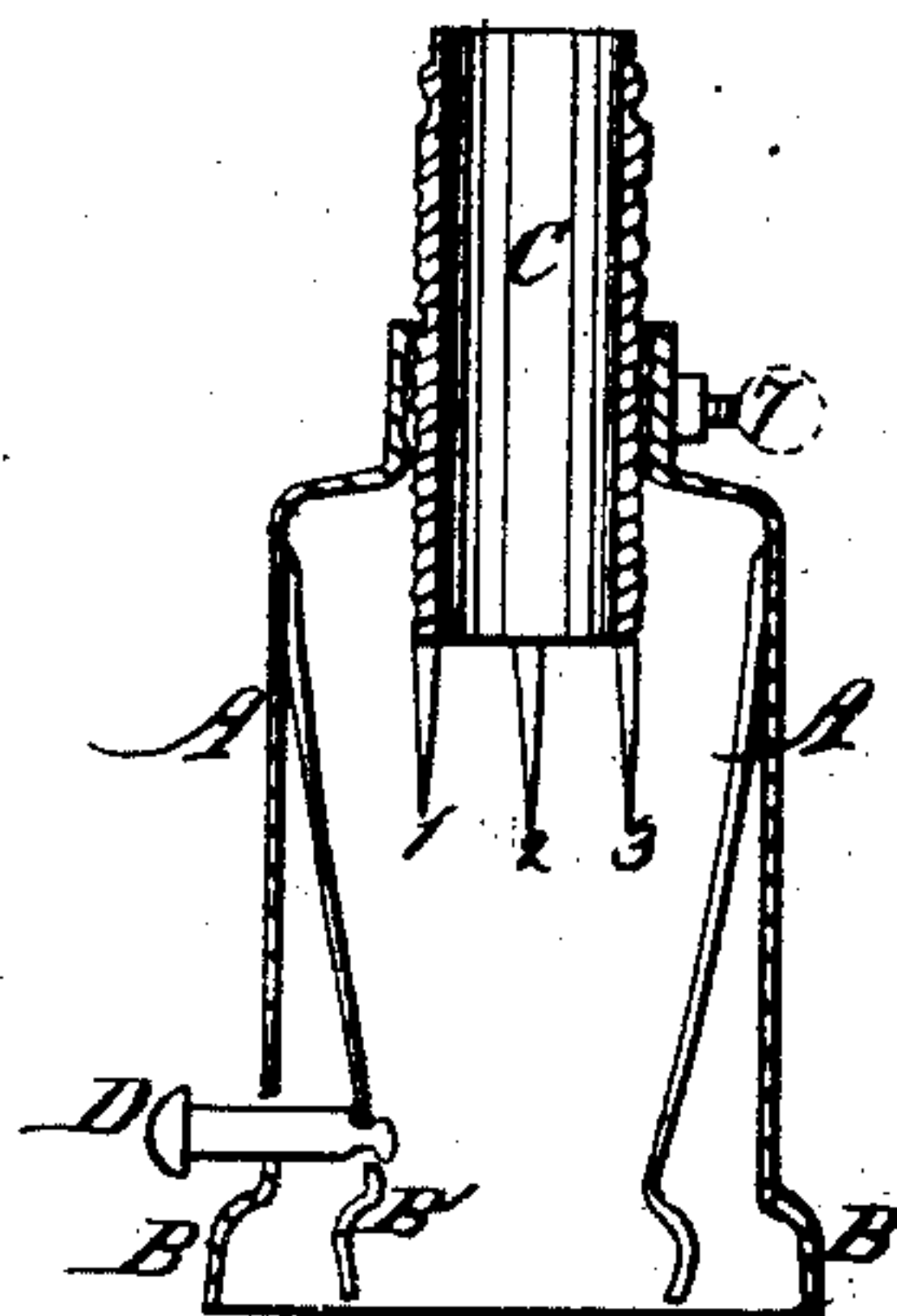
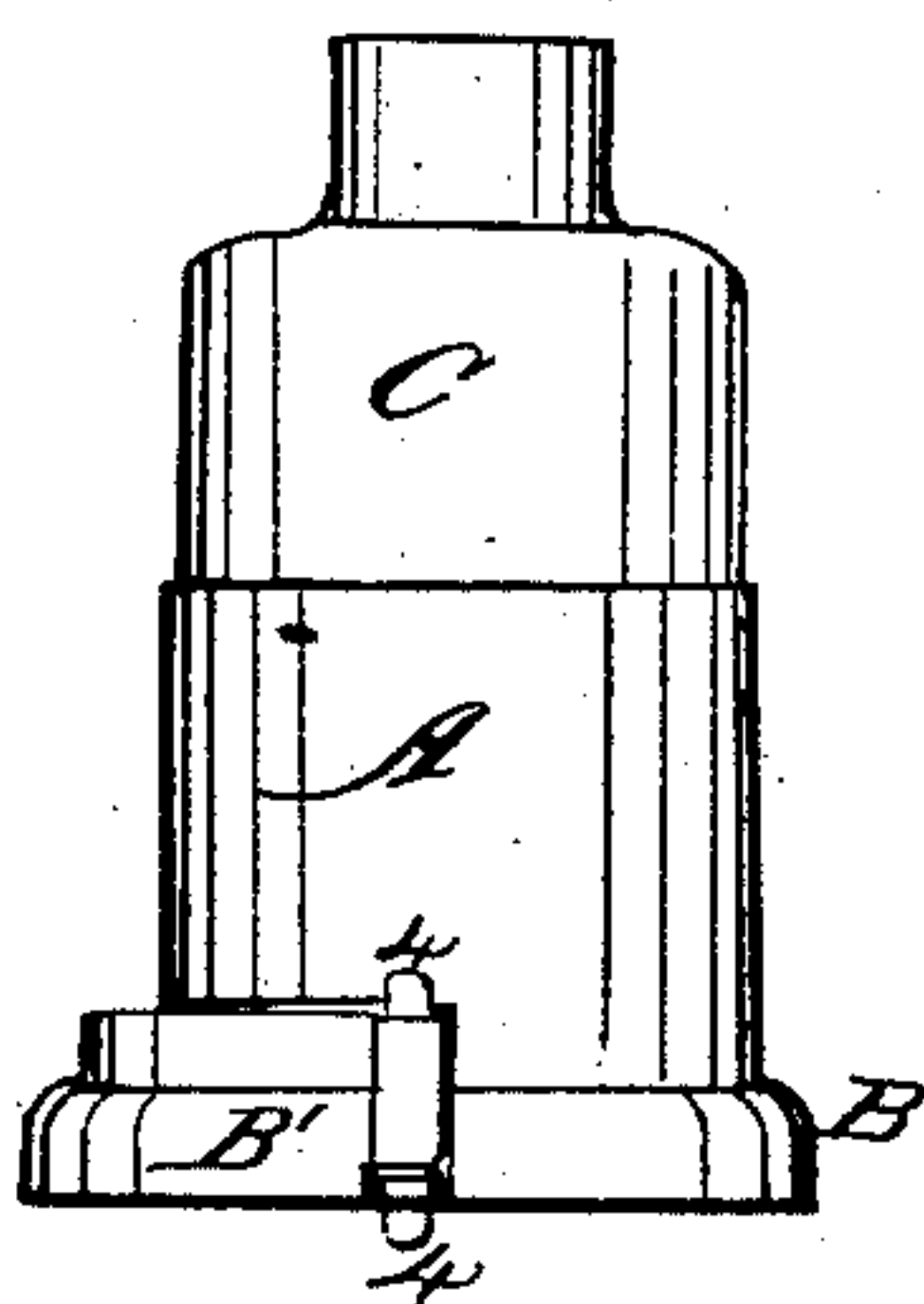


Fig. 3.



Witnesses,
Alfred H. Lorton
Charles Smith

Inventor,
H. M. Creamer

UNITED STATES PATENT OFFICE.

H. M. CREAMER, OF BROOKLYN, NEW YORK.

IMPROVED HOLDING-FRAME FOR CORKSCREWS.

Specification forming part of Letters Patent No. **38,155**, dated April 14, 1863.

To all whom it may concern:

Be it known that I, H. M. CREAMER, of Brooklyn, county of Kings, and State of New York, have invented a new and useful Improvement in Adjustable Holding-Frames for Corkscrews; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, which form part of this specification, in which—

Figure 1 is a side elevation of the article. Fig. 2 is a longitudinal vertical section. Fig. 3 is an elevation of a modified form.

Corkscrew-holders, such as my invention relates to, have always heretofore been inseparably connected with the corkscrew, and, so far as my knowledge extends, have never been provided with any means of adjusting themselves or being adjusted to various sizes of bottles and their corks.

My invention aims to make a holder or holding-frame that shall have such means of adjustment, and be adapted for use with almost any ordinary corkscrew, thus producing a much more desirable article than any now in use.

With these objects in view the first part of my invention consists in having a part of the frame pivoted, hinged, or otherwise so attached to its fellow part or the frame proper, substantially as hereinafter specified, as to be capable of opening or closing or being opened or closed (more or less) in a lateral direction, and thus adjusted to the neck and cork of any given size bottle.

The second part of my invention consists in providing the frame with a movable rest, constructed so as to admit of being raised or lowered, substantially as hereinafter described, and thus adjusted to the length of corkscrew used.

The third part of this invention consists in the combination, with the frame, of a series of points or suitable projections, arranged and fixed within the frame, as hereinafter set forth, for the purpose of holding the cork when withdrawn, while being freed from the corkscrew, substantially as hereinafter specified.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and mode of operation.

I construct my improved holder in any manner common to the art, as regards the frame,

simply. It is usually made in the form of a hollow cylinder, A, (see annexed drawings,) having a skirt, B, sufficiently large to encircle the neck of a large bottle, such as the wine-bottle. The cylinder proper requires to be large enough to encircle the cork only.

In order to adapt the holder to the variety of sizes of bottles and their corks, I construct the frame so as to be adjustable in size at the lower end. To do this, I generally have the frame made entire, as shown in Fig. 1, and attach an additional piece, B', in the inside to make the adjustment. (There may be two such pieces, if desired.) The adjusting-piece B' has its lower end shaped like that of the skirt B. It is fastened to the upper part of the cylinder, so as to act as a spring. It is moved, as required, by a little handle, D, and the size of the mouth of the holder is thus enlarged or diminished at will to suit any size of bottle.

I sometimes divide the frame or cylinder and attach the parts by a hinge, 4, Fig. 3. The adjusting-piece B' here may have a spring connected with it or not, according to choice. The former mode I consider preferable, however, as being practically efficient, while more economical of production, though the latter has the peculiarity of having the adjusting-piece B' to move in a horizontal plane. This adjusting-piece is not confined to any particular form, so long as it serves to adapt the holder, as above stated, to different sizes of bottles.

My improved holder is also intended for use with any ordinary corkscrew, and as the latter vary in size I construct the frame or cylinder so that it may be varied in length to suit the corkscrew used. For this purpose I employ a movable sleeve, C, large enough inside to allow the worm of the corkscrew to pass in and through. Said sleeve has a screw-thread on the outside, fitted to a thread in the frame or cylinder. By revolving the sleeve the holder is lengthened or shortened, as desired. I use a left-hand screw here, so that if the sleeve should be turned by the corkscrew when at work the withdrawal of the cork will be hastened. If a right-hand screw-thread is used, I deem it advisable to have a small thumb-screw, 7, (dotted,) and I sometimes dispense with the threads on the sleeve, and hold the sleeve at the desired height by a thumb-screw only.

A modified form of the sleeve is shown in Fig. 3. The sleeve is enlarged to the size of the inside of the cylinder A, which is made shorter, giving the holder a telescopic form.

When the cork has been withdrawn from the bottle, it is desirable to have a means of readily removing it from the corkscrew. This is accomplished by a series of points, 1 2 3, fixed to the sleeve C. (I consider this the proper place, though they, or their equivalent, could be fixed to the frame itself.)

To use this improved holder, having first adjusted the frame to the length of the corkscrew, minus the length of the cork, draw back the adjusting-piece B' by the handle D, place the skirt f against the top edge of the neck of the bottle, and then cause the adjusting-piece B' to rest on the opposite side of said neck; hold it in this position, and insert the corkscrew; revolve the same until the cork is withdrawn from the bottle. Then, taking the holder and corkscrew from the bottle, holding the sleeve in one hand and the corkscrew in the other, draw the cork hard up against the points, 1 2 3, thrusting them into the cork; now, turn the corkscrew backward until withdrawn from the cork, when the latter is easily forced off the points and discharged from the cylinder.

The small thumb-screw 7 is useful in pre-

venting the sleeve from turning when relieving the holder of the cork, as above. It may also be used to adjust the height of the sleeve, if found preferable for that purpose to the screw-thread.

In the above invention I do not confine myself to the forms and construction of all the parts precisely as specified, but shall vary the same as circumstances and occasion require, while retaining the principles of adjustment, &c., herein set forth.

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

1. A corkscrew-holder having the capacity, substantially as described, of being varied in width to suit different-sized bottles, substantially as specified.

2. A holder having the capacity, substantially as herein described, of being varied in length to suit various lengths of corkscrews, as set forth.

3. The mode, substantially as specified, of holding the cork when withdrawn, while being freed from the corkscrew, consisting in the use of a series of points arranged and employed in combination with the holder, substantially as described.

Witnesses: H. M. CREAMER.

ALFRED H. LOSTON,
HARRY SMITH.