

No. 799,543.

PATENTED SEPT. 12, 1905.

S. DAVIS.
CORK EXTRACTOR.
APPLICATION FILED NOV. 17, 1904.

Fig. 1.

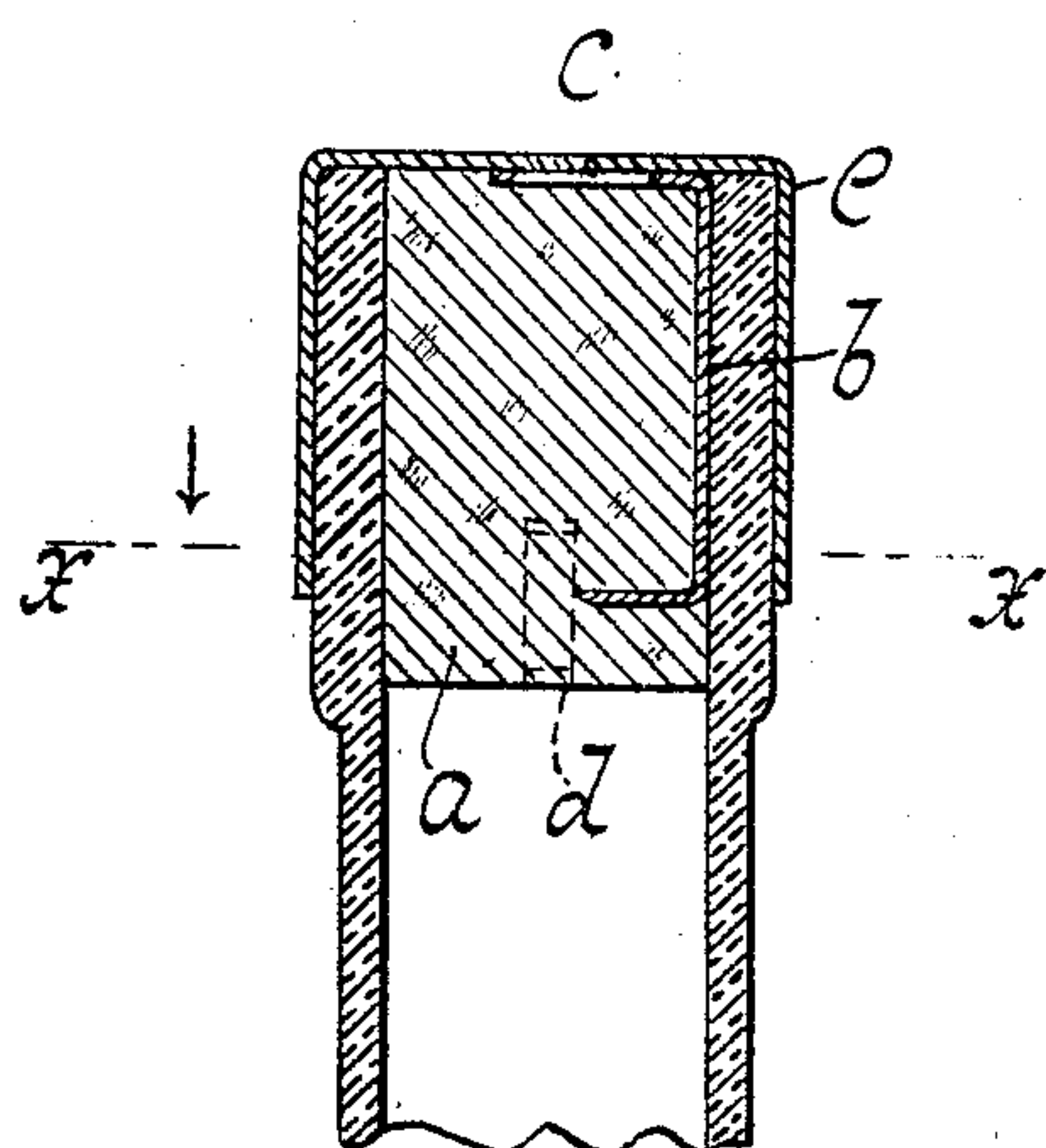


Fig. 2.

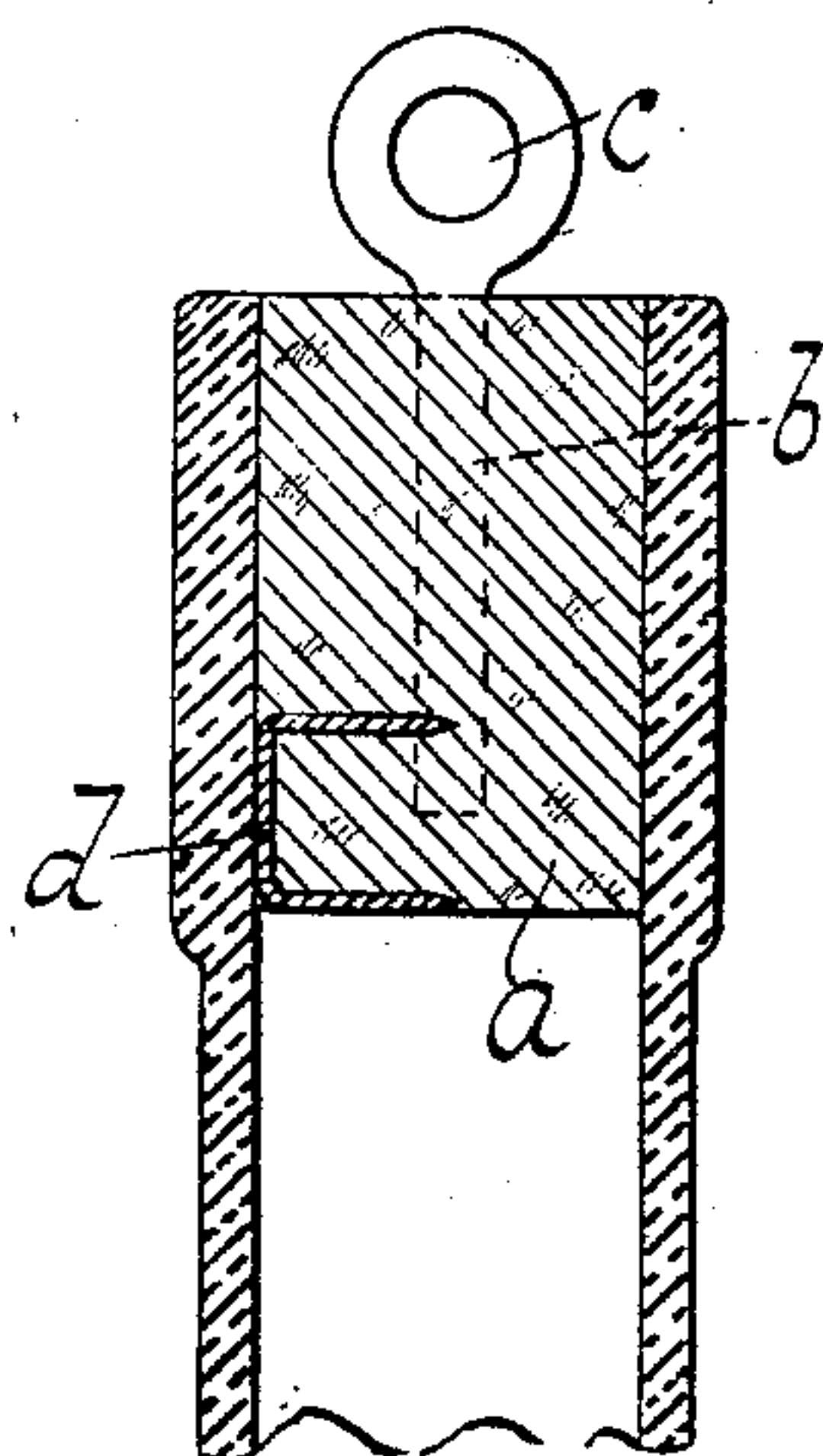


Fig. 3.

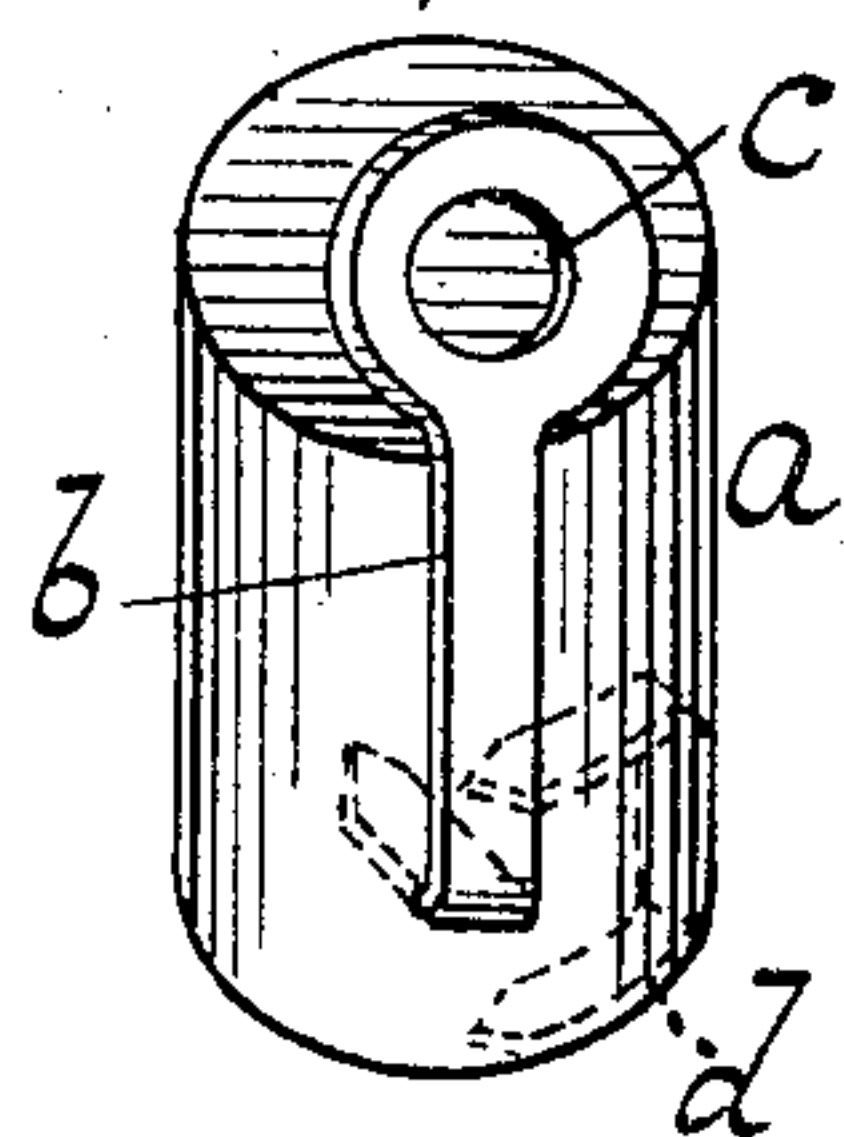


Fig. 4.

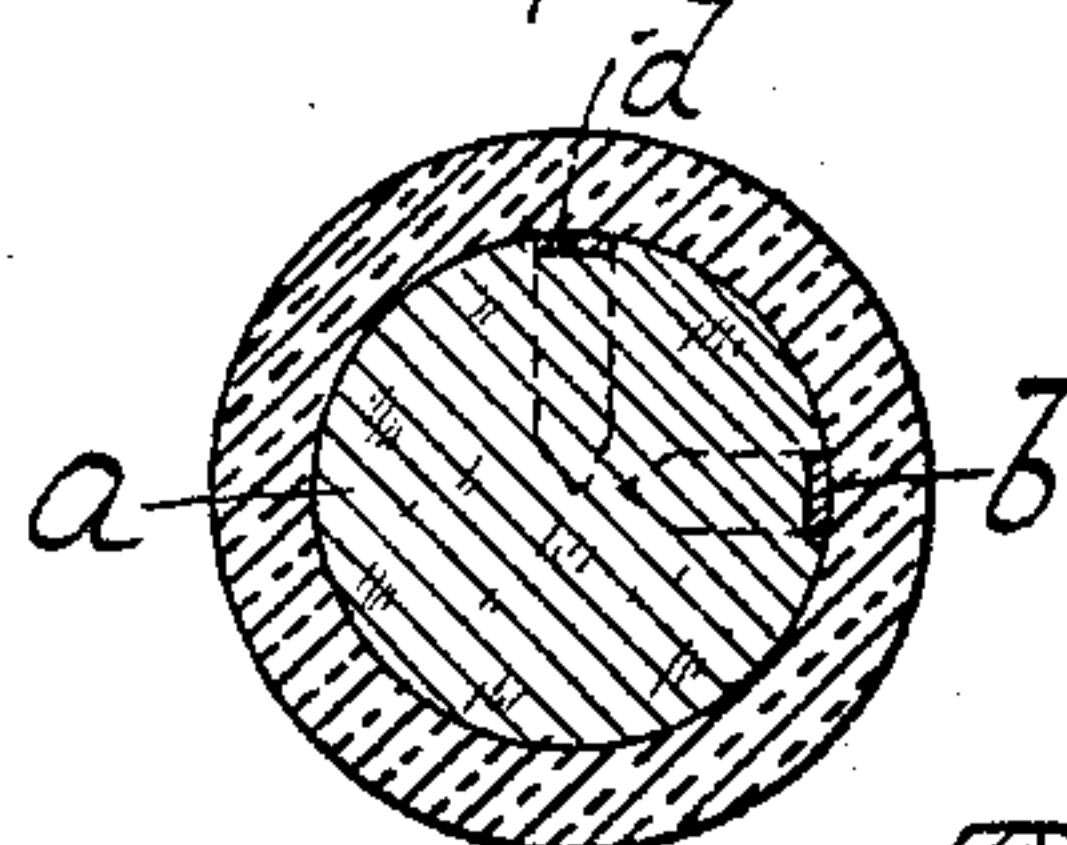


Fig. 8.

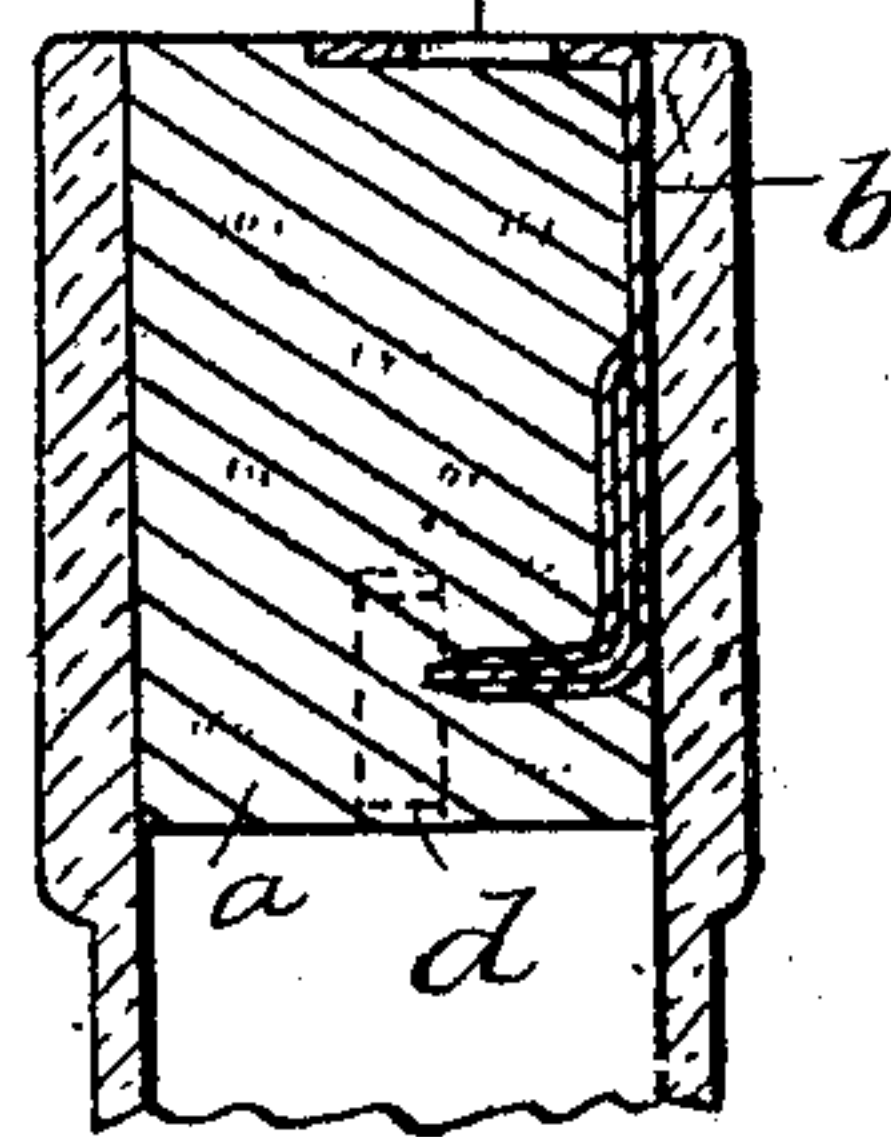


Fig. 5.

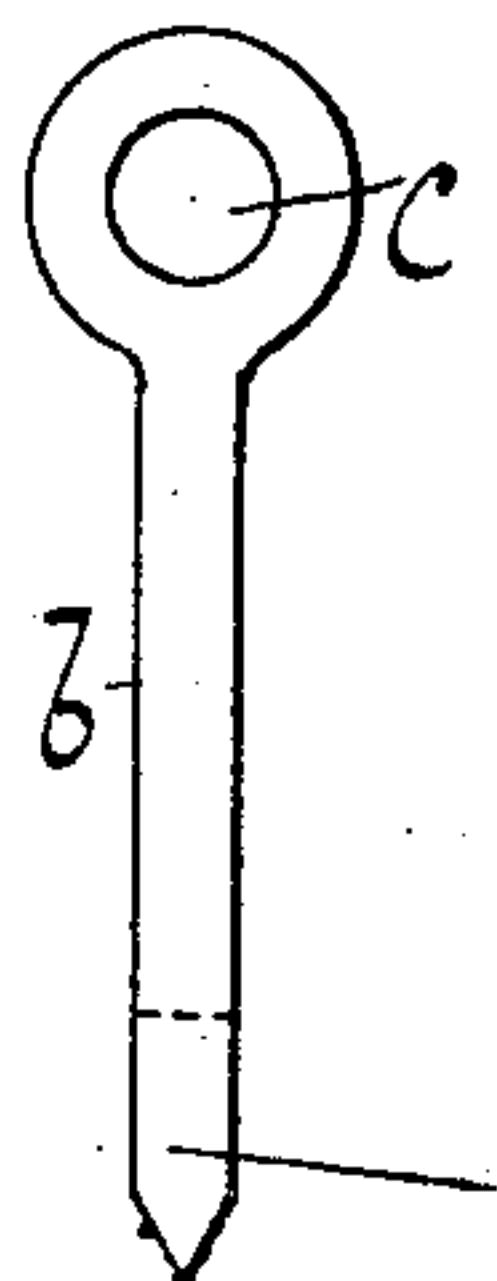


Fig. 6.

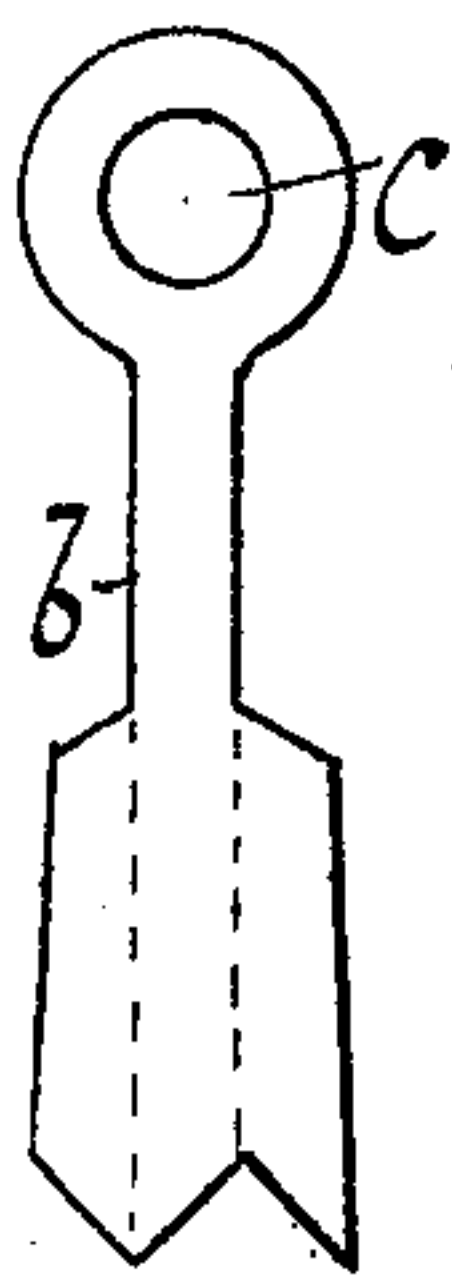
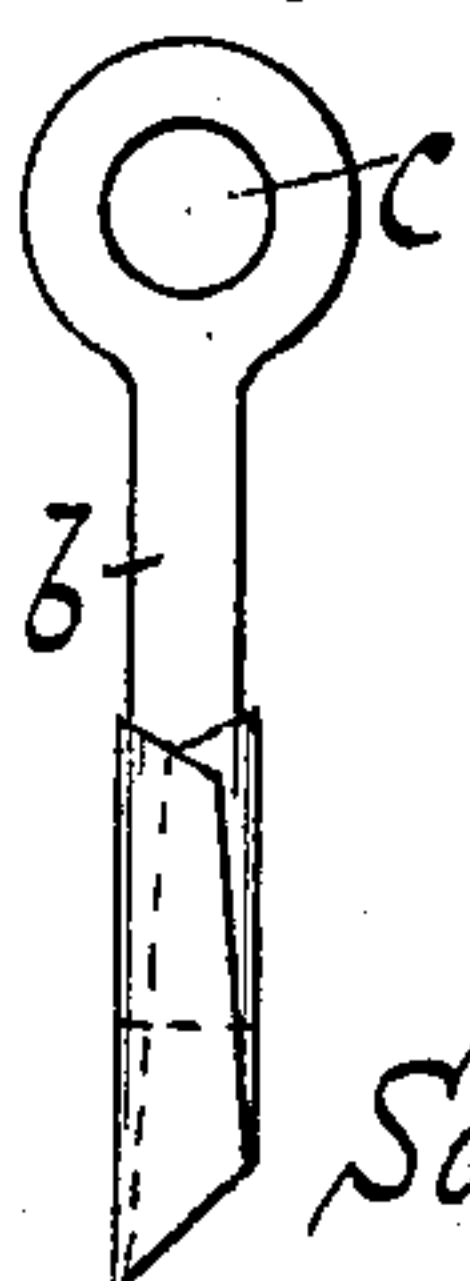


Fig. 7.



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SAMUEL DAVIS, OF NEW YORK, N. Y., ASSIGNOR OF ONE-SIXTH TO
GEORGE W. SECKENDORF, ONE-SIXTH TO MAURICE SIMONS, AND
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CORK-EXTRACTOR.

No. 799,543.

Specification of Letters Patent.

Patented Sept. 12, 1905.

Application filed November 17, 1904. Serial No. 233,137.

To all whom it may concern:

Be it known that I, SAMUEL DAVIS, a citizen of the United States, residing at New York city, county and State of New York, have invented new and useful Improvements in Cork-Extractors, of which the following is a specification.

This invention furnishes means for extracting a cork and which can be cheaply made and inserted with the cork, so as to be ready for use, while not preventing tight closure of the bottle nor interfering with the capsuling, shipping, or storing of the bottle.

This invention is set forth in the following specification and claims and illustrated in the annexed drawings, in which—

Figure 1 shows a sectional side elevation of the extractor with a cork. Fig. 2 is a face view of the extractor. Fig. 3 is a perspective view of the extractor. Fig. 4 is a section along *x x*, Fig. 1. Fig. 5 shows the blank of the extractor before its end or point part is bent. Fig. 6 shows a modification before being bent or still in flat shape, as it is when cut or died out. Fig. 7 shows the blank of Fig. 6 with the lap parts bent onto the shank or stem. Fig. 8 is a sectional view similar to Fig. 1, showing the form of the extractor illustrated by Fig. 7 applied thereto.

The cork is provided with an extracting device having an eye adapted to engage an implement to pull the cork from the bottle.

In the drawings the letter *a* designates a cork having attached thereto an extracting device *b*, which is fastened to the cork before the same is inserted into the neck of the bottle. The upper part of the extractor is provided with an eye *c*, so that an implement such as a string, a piece of wood, or metal, such as a nail, may be passed therethrough, and serving as hand-grip the cork can thus be readily pulled from the bottle. The lower part of the cork is provided with a staple *d*, which reinforces the bottom part of the cork and prevents breakage or the bottom of the cork from remaining in the bottle when drawing the same. The extracting device is attached to the cork a short distance above its lower end, so as to avoid leaving a space between the cork and the bottle when the cork is inserted, thus preventing leakage.

As seen in Fig. 1, the bottle when transported can be provided with the customary

cap *e*, which will cover the extracting device, which has its upper free portion bent onto the top of the cork. The extractor always accompanies the cork to be ready at hand.

The reinforce or staple is shown out of line with the extractor. By this arrangement leakage along the staple to the extractor is avoided. The extractor stopping a certain distance above the lower end or portion of the cork leaves the lower portion of the latter in firm contact or in condition to cork or close the bottle or vessel against leakage.

In Figs. 6 and 7 the extractor is shown with lap or laterally-extended pieces which can be wrapped about the shank or body of the extractor a suitable number of times to thicken or give suitable rigidity or strength to the extractor or a portion thereof. This wrapping or doubling can, however, be omitted if the stock possesses sufficient strength or rigidity to resist bending when the cork is being drawn. The wrapping can be of one piece with the shank or body of the extractor or can be a separate piece or sleeve about the extractor.

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

1. A cork combined with an extractor of flat flexible metal extended along one side of the cork between the same and the bottle neck or mouth and having its lower extremity projected into the cork above the lower end of the latter, the cork being fully inserted in the bottle-neck and the upper end of the extractor lapped over onto the cork and adapted to be raised to enable the cork to be drawn, the portion of the extractor which lies along the cork being unbroken or imperforate to present a smooth surface to the cork.

2. A cork-extractor composed of a flat flexible strip of material, the upper extremity of the extractor terminating in an eye or perforation for engagement therewith by an instrument or handle, and the lower part of the instrument being hooked or bent laterally to enter or engage a cork, the extractor when applied lying flat against the cork-surface, and the portion thereof which engages the cork-surface being unbroken or imperforate to present a smooth surface to the cork, the lower hooked or bent part of the extractor when applied extending only partially through the cork.

3. A cork-extractor composed of a flat flexi-

ble strip of material, the upper part of the
extractor having an eye or perforation for en-
gagement by an instrument or handle and the
lower part of the extractor being hooked or
5 bent laterally to enter or engage a cork and
said lower part being composed of several
layers or thicknesses to give the required
strength or rigidity.

4. A cork combined with an extractor com-
10 posed of a piece of material having its upper
part extended beyond the cork and its lower
end extended into or made to engage the cork
above the lower end thereof, and a reinforce
at the lower end of the cork and out of line
15 with the extractor.

5. A cork combined with an extractor com-
posed of a flat piece of material having one

of its flat sides or faces seated against the cork
and between the same and the bottle the upper
part of the extractor being lapped onto the 20
cork and adapted to be bent away from the
same and the lower part of the extractor be-
ing passed into the cork above the lower end
thereof, and a reinforce for the lower end
portion of the cork out of line with the ex- 25
tractor.

In testimony whereof I have hereunto set
my hand in the presence of two subscribing
witnesses.

SAMUEL DAVIS.

Witnesses:

GEORGE HULSBURG,
W. C. HAUFF.