

No. 771,517.

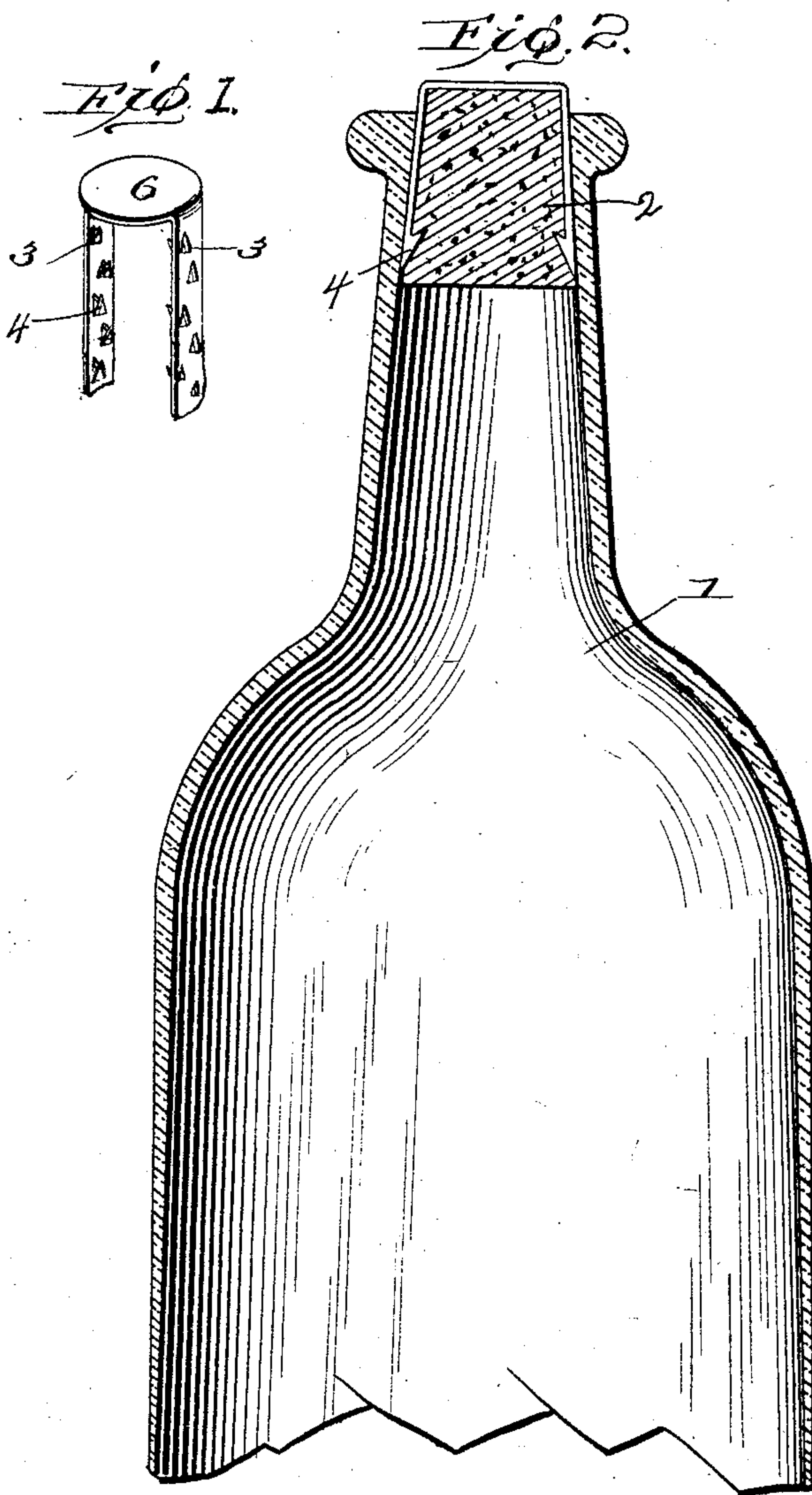
PATENTED OCT. 4, 1904.

W. I. WESTBROOK.

CORK EXTRACTOR.

APPLICATION FILED JULY 27, 1903.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM I. WESTBROOK, OF CHATTANOOGA, TENNESSEE.

CORK-EXTRACTOR.

SPECIFICATION forming part of Letters Patent No. 771,517, dated October 4, 1904.

Application filed July 27, 1903. Serial No. 167,169. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM I. WESTBROOK, a citizen of the United States, residing at Chattanooga, in the county of Hamilton and State of Tennessee, have invented certain new and useful Improvements in Cork-Extractors; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to cork-extractors, and appertains to that variety of cork-pullers which are designed to be inserted in place upon the cork before or after the cork is introduced into the bottle.

My object is to provide a simple though reliably-efficient device which can be cheaply and expeditiously manufactured.

Other objects and advantages will be hereinafter made clearly apparent, reference being had to the accompanying drawings, which are made a part of this application, and in which—

Figure 1 shows a perspective view of my improved cork-extractor removed from the cork; and Fig. 2 shows a central section of a bottle, illustrating my improved cork-extractor in position upon the cork.

For convenience numerals will be employed in designating the various details of my invention and cooperating parts.

Referring to the numerals on the drawings, 1 indicates a bottle of the usual or any preferred construction, while 2 designates the cork as introduced into the open end of the bottle.

As best shown in Fig. 1 of the drawings, my improved cork-extractor comprises a pair of depending branches 3, which are formed integral with or rigidly secured at their upper ends to a disk-like member 6, said member being of the proper size to snugly cover the upper end of the cork.

The device herein shown is preferably formed of thin sheet metal, the depending terminals being preferably slightly concavo-convex in cross-section, whereby they will conform to or fit the periphery of the cork. The depending terminals 3 have a plurality of contact-points 4 struck from the surface

thereof and bent inwardly until they rest at an oblique angle to the longitudinal plane of said branches, and as the material used is thin sheet metal the points will be more or less yielding, so that when it is desired to insert the extractor after the cork has been placed in the neck of the bottle the contact-points will yield outward and form no obstruction, and as said points slant upwardly they will not mutilate or tear their way through the cork, but when an upward movement is given the extractor said points will immediately engage and take into the cork and extract the same from the bottle. It will also be observed that the points are in a staggered relation with each other and are disposed throughout the entire length of said branches.

If it is desired to place the extractor upon the cork before the same has been inserted within the neck of the bottle, all that is necessary is to place the cork between the depending branches until the member 6 rests upon the end of the cork, when the contact-points may be forced into the contiguous part of the cork and the cork then inserted within the neck of the bottle and forced home.

When it is desired to remove the cork from the bottle, an object, as a nail or the like, may be introduced under the disk-like member 6 and the cork readily removed by pulling thereon, and when the object so inserted is placed centrally between said depending branches an equal pull will be given to each of them.

It will thus be seen that I have provided a very simple form of cork-extractor, which may be very cheaply manufactured and one that may be placed upon the cork after the cork has been properly located in the neck of the bottle, or the extractor may be placed upon the cork before the same has been inserted in the bottle.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The herein-described cork-extractor comprising the combination with a cork, of a disk-like member 6 of a size to cover the upper end of the cork, integral branches on dia-

metrically opposite sides of said member and
extending at right angles thereto, said branches
being concavo-convex in cross-section to fit
the periphery of the cork, a plurality of yield-
5 ing anchoring - points struck from said
branches, said points extending inwardly and
upwardly at an oblique angle to the longitu-
dinal plane of said branches, whereby when
an upward pull is made upon said parts said
10 points will take into the cork, as set forth.

2. As an article of manufacture, a cork-ex-
tractor comprising a circular disk-like mem-
ber 6 having a pair of integral depending
branches, said branches being concavo-convex
15 in cross-section, a plurality of yielding stag-
gered anchoring-points struck up throughout

the entire surface of said branches, said points
extending inwardly and upwardly at an
oblique angle to the longitudinal plane of
said branches, whereby when said branches 20
are being inserted between the cork and neck
of the bottle said contact-points will yield and
not mutilate the surface of the cork and will
engage and enter said cork when an upward
pull is made upon said parts, as set forth. 25

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

WILLIAM I. WESTBROOK.

Witnesses:

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