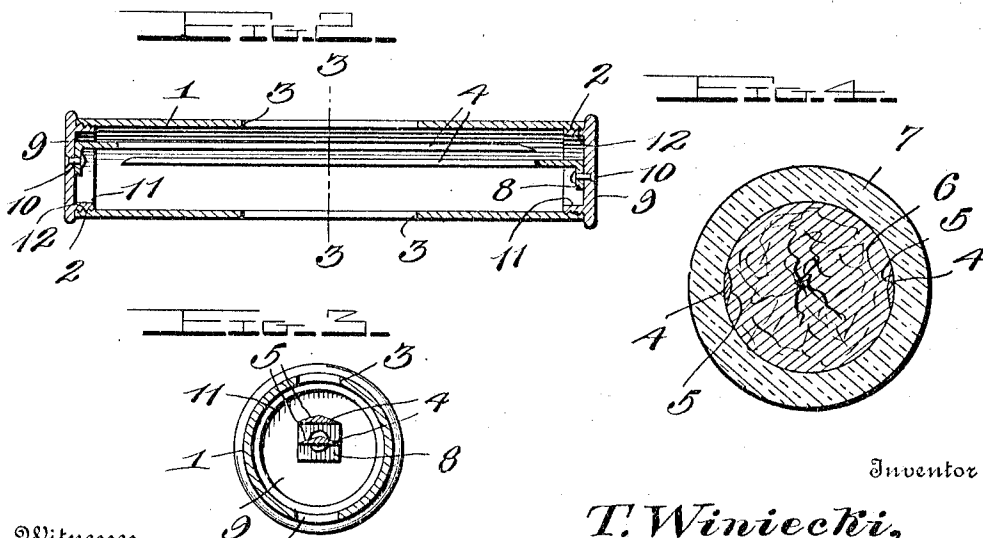
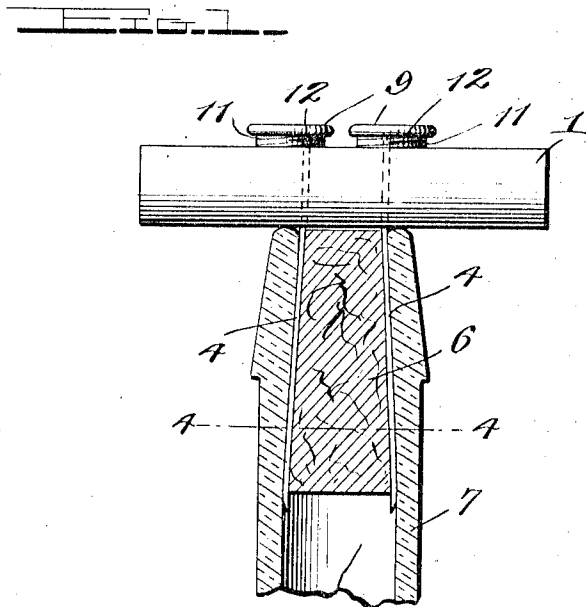


1,055.377.



T. Winiecki,

Witnesses

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By

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BEST AVAILABLE COPY
UNITED STATES PATENT OFFICE.

TADEUS WINIECKI, OF RAYMOND, WASHINGTON.

CORK-EXTRACTOR.

1,055,377.

Specification of Letters Patent.

Patented Mar. 11, 1912.

Application filed July 24, 1912. Serial No. 711,556.

To all whom it may concern:

Be it known that I, TADEUS WINIECKI, a citizen of the United States, residing at Raymond, in the county of Pacific and State of Washington, have invented certain new and useful Improvements in Cork-Extractors, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in cork extractors, and an object thereof is the provision of a device of this character with which the cork may be pulled without damaging it.

Another object of this invention is the provision of a cork extractor in which the cork engaging arms are removably secured to a handle.

Still another object of this invention is the provision of a cork extractor comprising a tubular handle having diametrically opposed slots, and cork engaging arms which may be arranged in said slots to fit corks of varying widths.

A still further object of this invention is the provision of a cork extractor comprising a tubular handle which is threaded on its opposite ends, and cork engaging arms which are removably from said handle, and which may be threaded in the opposite ends of the said handle.

With the above and other objects in view, the invention resides in the novel construction and arrangement of parts to be hereinafter fully described and claimed.

In the accompanying drawing Figure 1 is a side elevation of my device showing it applied to a bottle. Fig. 2 is a section thereof illustrating the cork engaging arms secured in the opposite ends of the handle. Fig. 3 is a section on the line 3—3 of Fig. 2. Fig. 4 is a section on the line 4—4 of Fig. 1.

Referring to the drawing, the numeral 1 designates a handle which is preferably tubular in form and which is internally threaded on its opposite ends as at 2. Formed in the handle at points diametrically opposite are slots 3 which are adapted to receive the cork engaging arms 4. Each of the arms 4 are preferably formed of spring steel and one side thereof is formed with oppositely beveled faces 5 which are adapted to engage the cork 6 of the bottle 7. The upper ends of the arms 4 are offset as at 8 and are adapted to be secured to the enlarged heads 9 by rivets 10. The

heads 9 are formed with a downwardly extending peripheral flange 11 which is threaded on its outer face as at 12 for engagement with the threads 2 of the handle.

In the practical use of my device, the arms 4 are inserted through the slots 3 of the handle and are held in adjusted position in the slots by the enlarged heads 9. The arms 4 are then inserted in the bottle on diametrically opposite sides of the cork and the handle 1 is then turned and pulled upwardly, which action will draw the cork from the bottle without damage thereon.

It will be readily seen that this device is adjustable to different sized corks by merely moving the arms to the desired position in the slots and upon grasping the handle so that the hand covers the enlarged heads of the arms, the arms are securely held in position. Slipping of the arms in the bottle is prevented by means of the engagement of the beveled faces 5 of the arms with the cork and this construction provides a secure gripping means for positively withdrawing the cork. When the cork has been withdrawn from the bottle, the arms 4 are removed from the slots 3 of the handle and are inserted in the opposite ends of the tubular handle, whereupon the enlarged heads 9 are threaded upon the opposite ends of the handle.

It is apparent that my improved cork extractor will occupy but a minimum amount of space when not in use and may be conveniently carried in the pocket of the user.

In the drawing I have shown the arms 4 as being secured to the heads 9 at different points with relation to the center of said heads so that when the heads 9 are threaded in the opposite ends of the handle, the arms 4 will rotate in different arcs and therefore will not come in contact with each other. It will be understood that the arms and the enlarged heads 9 may be formed integral if desired.

From the above description taken in connection with the accompanying drawings it will be seen that I have provided a cork extractor which requires but a minimum amount of space when not in use, which may be cheaply manufactured, and which will fulfil all the requirements of such a device.

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

In a device of the character described, a

tubular handle having diametrically opposed slots therein, the opposite ends of said handle being threaded, cork engaging arms removably secured in said slots, enlarged
5 threaded heads secured to the said arms, the said heads adapted to be threaded on the threads at the opposite ends of said handle, said arms being secured to the heads at relatively different points from the cen-

ter of the said heads for the purpose described. 10

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

TADEUS WINIECKI.

Witnesses:

M. K. BOWEN,
GEO. PHILLIPS.