

No. 871,006.

PATENTED NOV. 12, 1907.

R. O. TOAN.
CORK EXTRACTOR.
APPLICATION FILED JAN. 23, 1907.

Fig. 1.

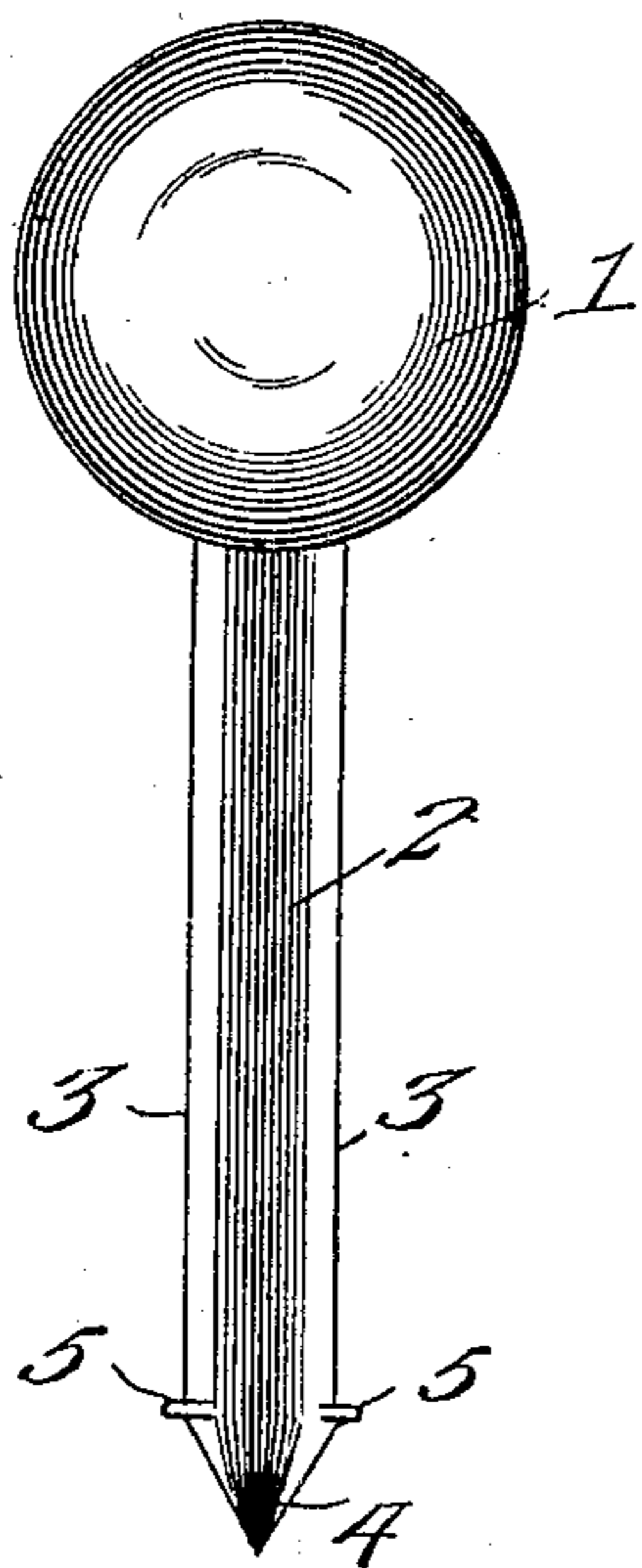
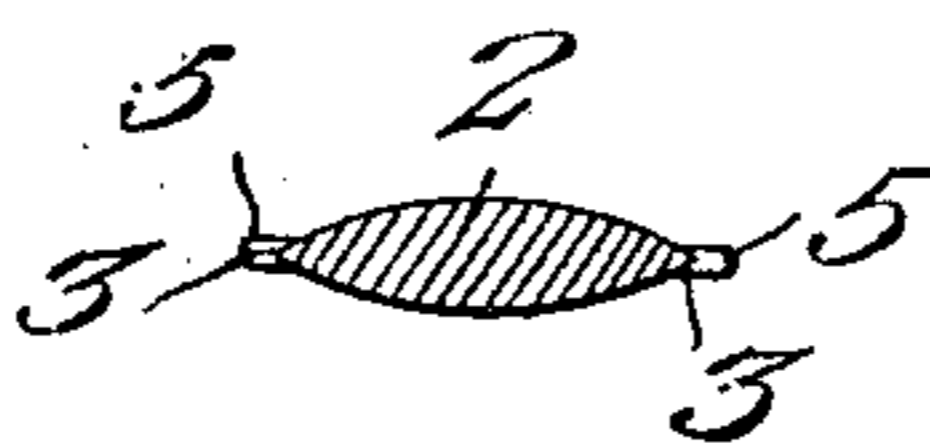


Fig. 2.



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ROBERT O. TOAN, OF JACKSON, MICHIGAN.

CORK-EXTRACTOR.

No. 871,006.

Specification of Letters Patent.

Patented Nov. 12, 1907.

Application filed January 23, 1907. Serial No. 353,675.

To all whom it may concern:

Be it known that I, ROBERT O. TOAN, a citizen of the United States of America, residing at Jackson, in the county of Jackson and State of Michigan, have invented new and useful Improvements in Cork-Extractors, of which the following is a specification.

This invention relates to cork extractors, the object of the invention being to provide a simple, cheap and effective device of this nature by which cork stoppers may be readily and conveniently extracted from the necks of bottles without liability of injury to the corks.

In the accompanying drawing,—Figure 1 is a view in elevation of a cork extractor embodying my invention. Fig. 2 is a cross section of the same.

Referring to the drawings, my improved cork extractor comprises a handle 1, which may be of spherical form, as shown, or of any other approved form. From the underside of the handle 1 projects an extracting blade 2, which blade is preferably of elliptical form in cross section, and terminates in sharpened side edges 3. The lower end of the blade tapers to provide an introducing point 4, at the juncture of which with the body of the shank are arranged oppositely disposed, laterally projecting lugs or shoulders 5, which extend beyond the adjacent or lower ends of the sharpened side edges 3.

In the use of the device, the point 4 is introduced between one of the sides of the cork and the adjacent side of the bottle and the blade 2 forced downwardly between the cork and bottle neck until the shoulders 5 come below the lower end of the cork. The device

may then be moved around between the neck and cork concentric with the axis of the neck so that the sharpened side edges 3 will separate the cork from the neck, thus freeing any cork which may happen to stick fast, and may, as a consequence, be difficult to extract. The device is then given a partial turn so that one or the other of the shoulders 5 will project under the cork, whereupon, by drawing outwardly on the extractor, the cork may be pulled out of the neck. By the described construction of the extractor, penetration or breaking of the cork will be avoided and in consequence no portions of the cork will be separated therefrom to drop into the bottle.

Having thus described the invention, what is claimed as new, is:—

A cork extractor comprising a blade of elliptical form in cross section presenting opposite convex faces and having its lower end tapered correspondingly from opposite sides to provide an introducing point, said blade being of uniform width above said introducing point and provided with opposite parallel unbroken or continuous, longitudinal sharpened edges extending to the introducing point, laterally extending shoulders formed upon the sides of the blade at the juncture of the introducing point with the lower ends of the sharpened edges, and extending outward beyond said point and edges, and a handle at the upper end of the blade.

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

ROBERT O. TOAN.

Witnesses:

FRED J. HALL,
ORAH BELLE CASE.