

No. 883,988.

PATENTED APR. 7, 1908.

W. T. VALLANDINGHAM.

CORK EXTRACTOR.

APPLICATION FILED MAR. 29, 1907.

Fig. 1.

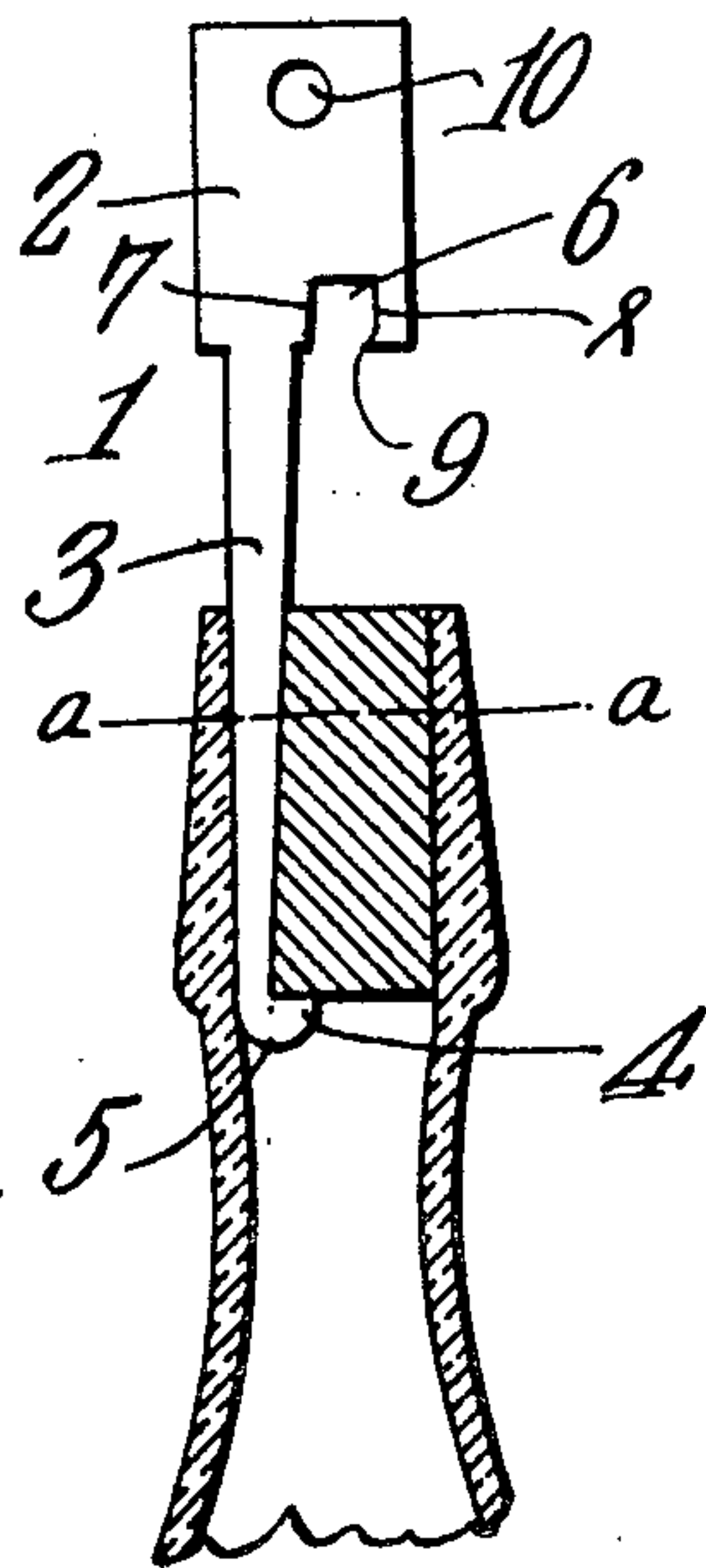


Fig. 2.

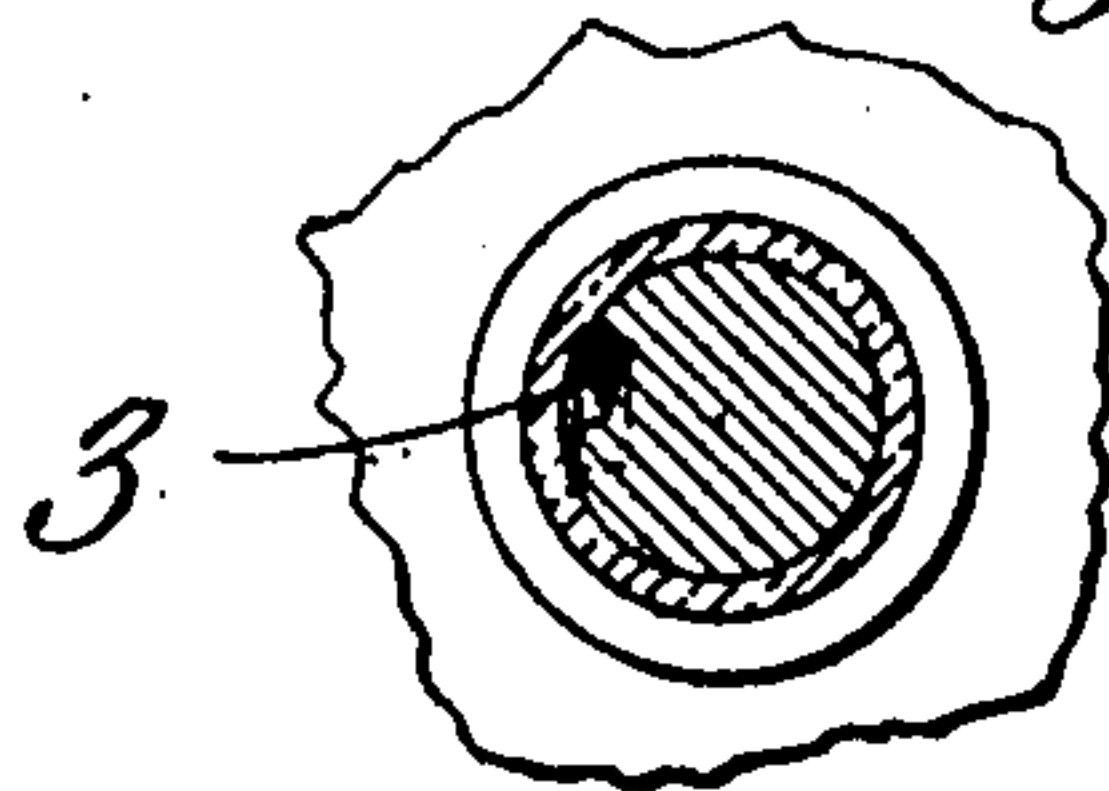
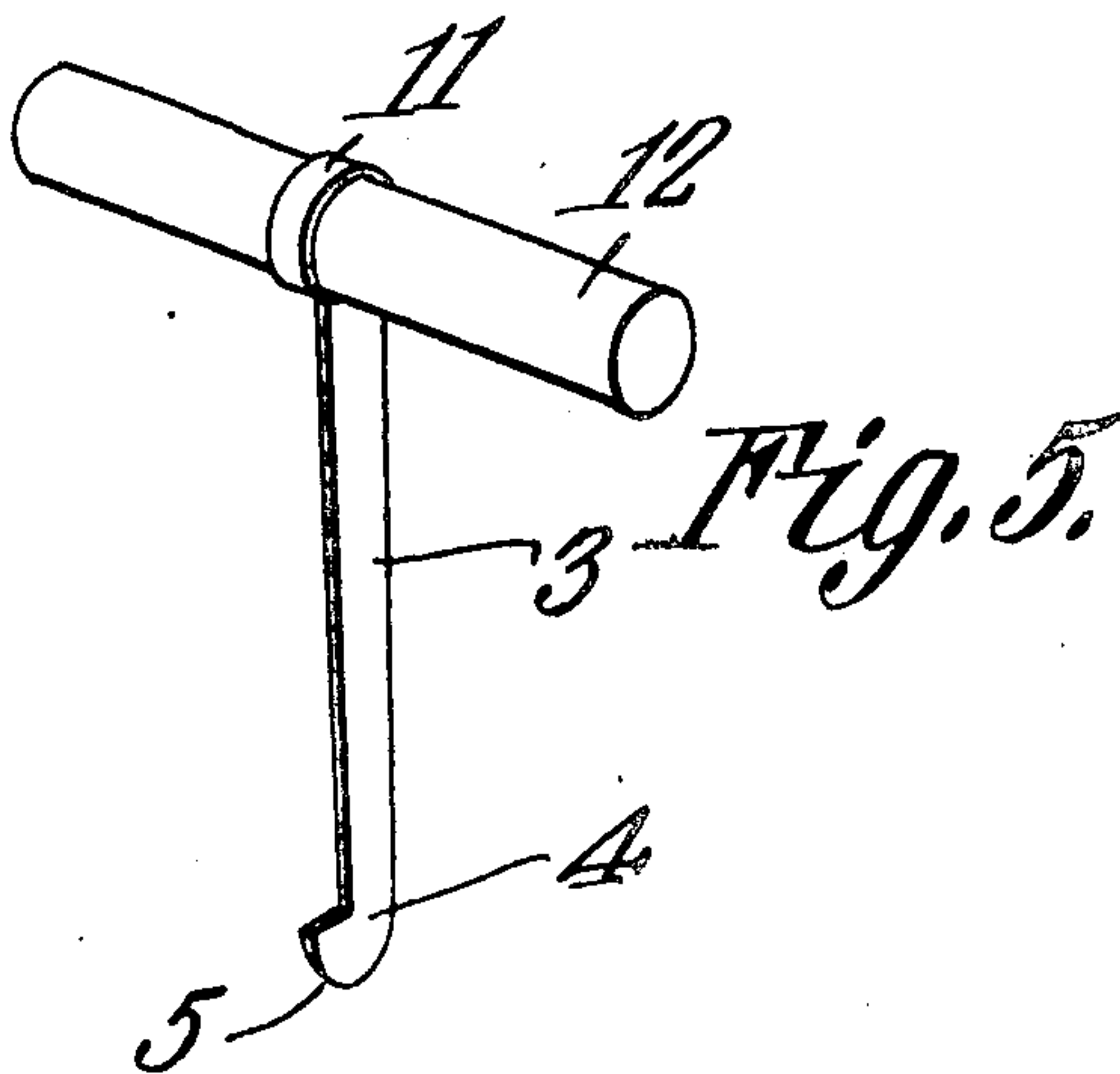
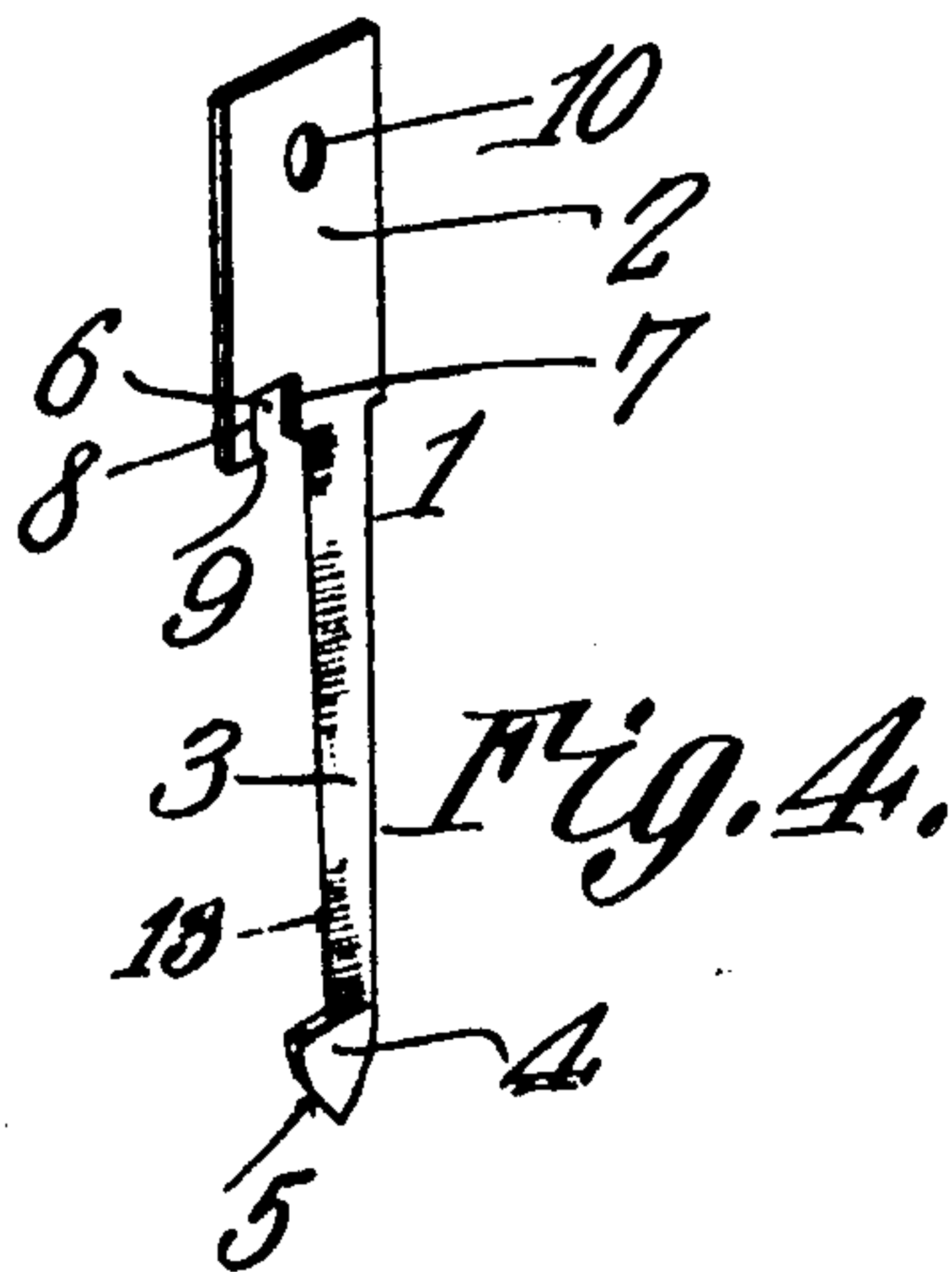
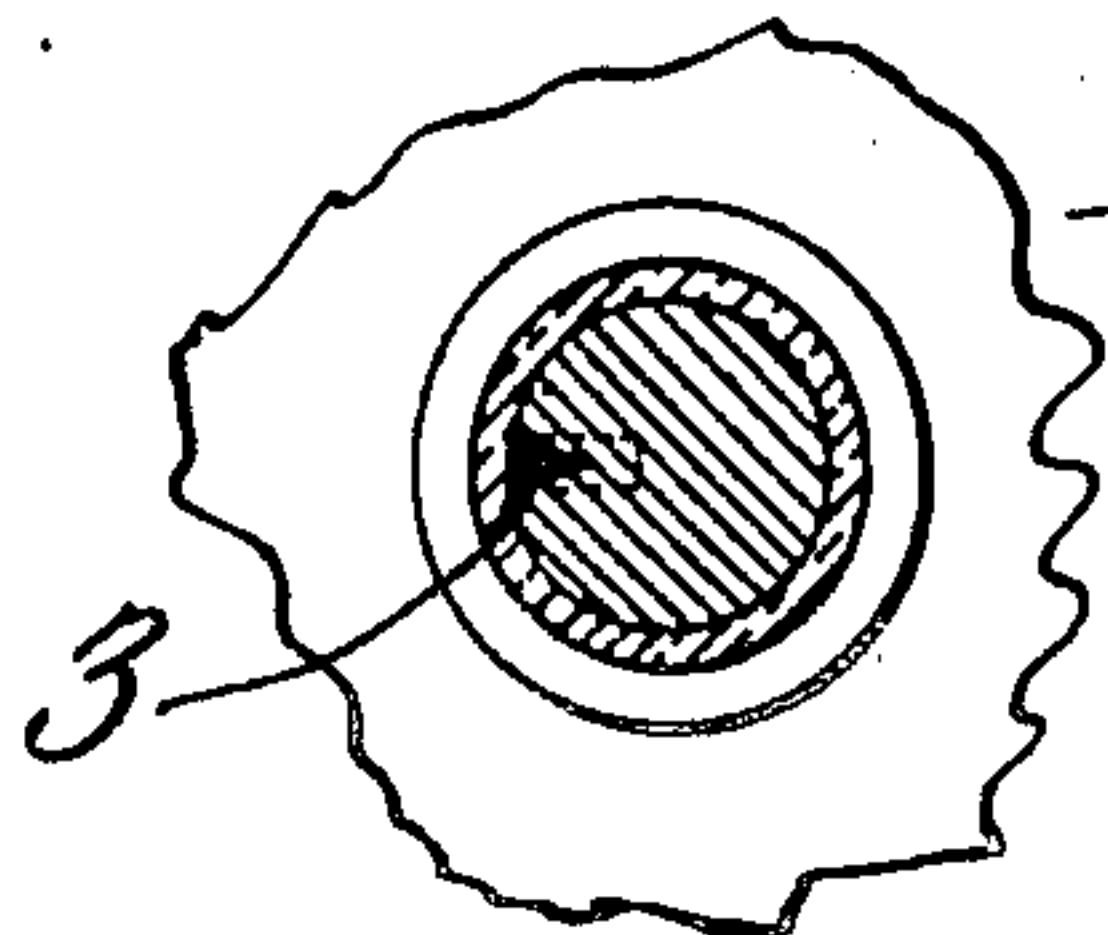


Fig. 3.



WITNESSES:

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WILLIAM T. VALLANDINGHAM, OF OSKALOOSA, IOWA.

CORK-EXTRACTOR.

No. 883,988.

Specification of Letters Patent.

Patented April 7, 1908.

Application filed March 29, 1907. Serial No. 365,405.

To all whom it may concern:

Be it known that I, WILLIAM T. VALLANDINGHAM, a citizen of the United States, residing at Oskaloosa, in the county of Mahaska and State of Iowa, have invented a new and useful Cork-Extractor, of which the following is a specification.

This invention relates to a cork extractor for withdrawing cork stoppers from the mouths of bottles, the object of the invention being to produce a simple, cheap and convenient article that can be carried in the pocket or on a key ring, and used for extracting corks from stoppered bottles.

In the accompanying drawings: Figure 1 is a view of the extractor in position to withdraw a stopper from a bottle. Figs. 2 and 3 are cross sections on the line *a—a*, Fig. 1. Fig. 4 is a perspective view of the preferred form of the extractor, and Fig. 5 is a similar view of another form.

Similar numerals of reference indicate the same parts in all the figures.

The extractor 1 is flat and made of a piece of thin metal, preferably sheet steel, punched, stamped or otherwise formed with a head or grasping piece 2 of rectangular or other suitable shape and a narrow finger 3 slightly tapering towards its end which latter terminates in a hook or projection 4, the upper edge of which is straight as shown. The end of the finger 3 may be rounded as in Fig. 1 or pointed as in Fig. 4 and beveled on its sides to form a sharp edge 5.

In one edge of the head 2 is a notch 6 extending back a sufficient distance for the purpose required and of suitable width to admit the edge of a sealing cap such as are commonly used on bottles containing charged liquids. One side 7 of the notch is straight, the other side 8 has at its outer end a small lug 9 which when in use, engages the edge of a sealing cap. A hole 10 in the head 2 enables the extractor to be attached to a key ring or hung up in some convenient place.

When a cork is to be extracted, the sharp edge 5 of the finger end is pushed between the bottle and stopper; the finger passing flatwise between them as may be seen by reference to Fig. 2. After the hook or projection 4 has passed below the stopper, the extractor is turned to bring the hook under it, the cork or soft substance readily yielding to the finger 3 which then assumes the position represented in Fig. 3. Now by pulling the extractor the stopper will be withdrawn.

The cap of a bottle is removed by catching one side of the cap in the notch 6, the lug 9 passing below its edge and then using the arm 3 as a lever.

Instead of the head 2 being flat it may be bent to form an eye 11 to receive a handle 12.

One edge of the finger is sharpened to form a cutting edge 13 which adds materially to the usefulness of the device.

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

An article of manufacture comprising a plate of thin flat metal of approximately rectangular shape, an integral tapering finger in the plane of the plate projecting from one end thereof, said finger having one edge sharpened like a knife to form a cutting blade, and a hook on the end of the finger projecting laterally beyond the cutting edge only of the blade and shaped at its extreme end into a point with sharp edges, the base or inner edge of said hook being flat to bear against the bottom end of a cork or bottle stopper.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM T. VALLANDINGHAM.

Witnesses:

CLARA M. VALLANDINGHAM,
L. M. BACON.