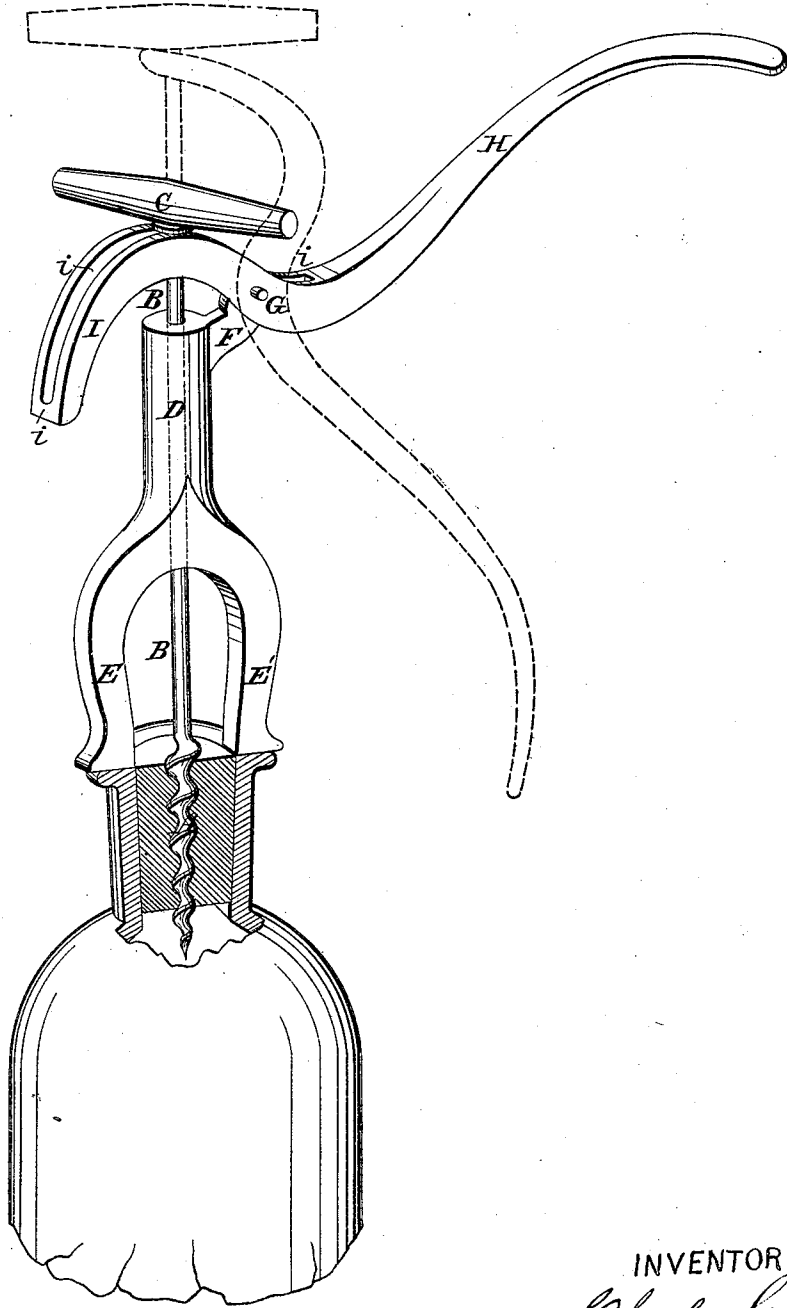


*C. Gouch,*

*Cork Screw.*

*No. 99,080.*

*Patented Jan. 25, 1870.*



ATTEST.

*Wm. A. Layman.*  
*Sam. Knight*

INVENTOR.  
*Charles Gouch*  
*By Knight Bros.*  
*Atty's.*

# United States Patent Office.

CHARLES GOOCH, OF CINCINNATI, OHIO.

Letters Patent No. 99,080, dated January 25, 1870; antedated January 17, 1870.

## IMPROVEMENT IN CORK-EXTRACTORS

The Schedule referred to in these Letters Patent and making part of the same.

### To whom it may concern:

Be it known that I, CHARLES GOOCH, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Cork-Extractor; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

This invention relates to a compact, inexpensive, and portable device for extracting corks from bottles, with very slight labor, and with no danger of cutting the hand of the operator by a broken bottle.

The accompanying drawing is a perspective view of my device, with the screw inserted in the cork, which, with the neck of the bottle, is shown in section.

A B C is a corkscrew, which differs from one of customary form only in a somewhat greater length of stem, B.

This stem B is cylindrical, and is capable of either sliding or rotating in the tubular standard D, terminating in two bow-legs, E E'.

A bracket, F, extends from the upper end of the standard, which receives and holds the pivot G of a bent lever, H I, whose short arm I is of cam-form, and has a slot, *i*, which embraces the stem, so as to enable the cam-surface of the arm to bear upward against the handle C of the screw.

The opening between the legs E E' should, of course, be sufficient to allow the passage of an ordinary cork.

The pivot G is set a greater or less distance to one side of the stem B, according to the leverage-power desired, and is preferably set but a short distance, so as to afford a powerful leverage.

The operation is as follows:

The instrument being applied to the neck of the bottle, in the manner represented in the drawing, the screw is inserted in the ordinary way, so as to depress the short arm of the cam-lever, as shown. The cork is then extracted, by simply depressing the long arm H of the lever, as shown by the red dotted lines.

It will be seen that this instrument is light, compact, portable, and inexpensive, and can be easily carried in the pocket.

I claim herein as new, and of my invention—

The portable cork-extractor, composed of the following elements, to wit, the screw A B C, tubular and bifurcated standard D E E', and bent and slotted cam-lever H I *i*, the whole being formed and arranged as described.

In testimony of which invention, I hereunto set my hand.

CHARLES GOOCH.

Witnesses:

GEO. H. KNIGHT,  
JAMES H. LAYMAN.