

Improved Cork Extractor

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Fig. 1.

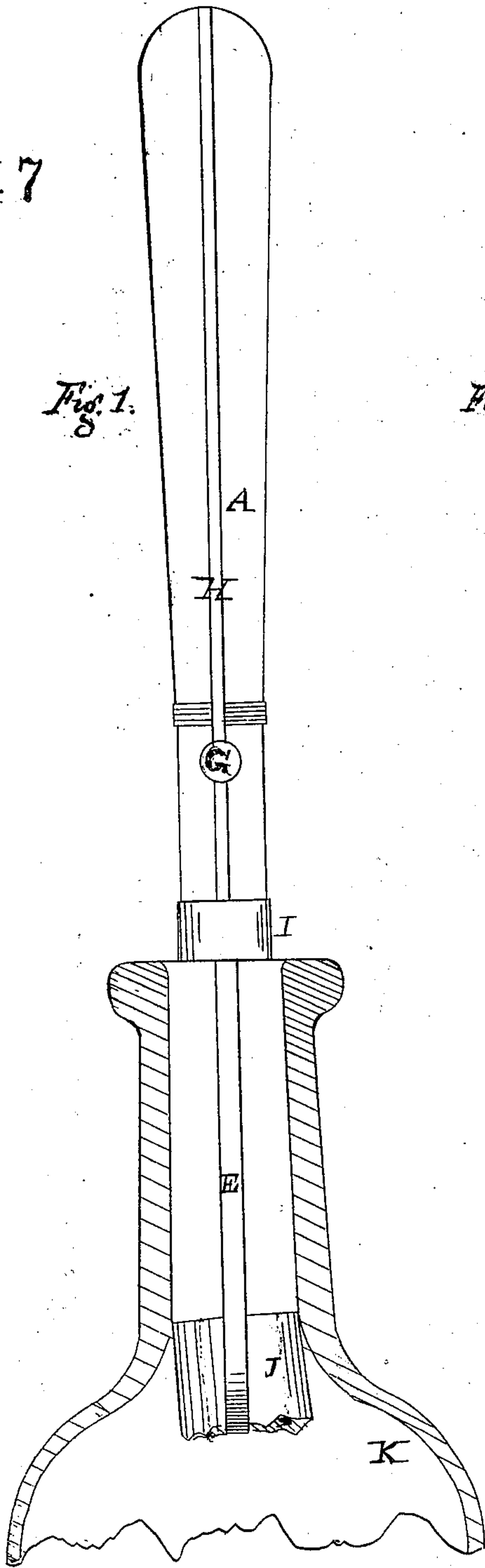
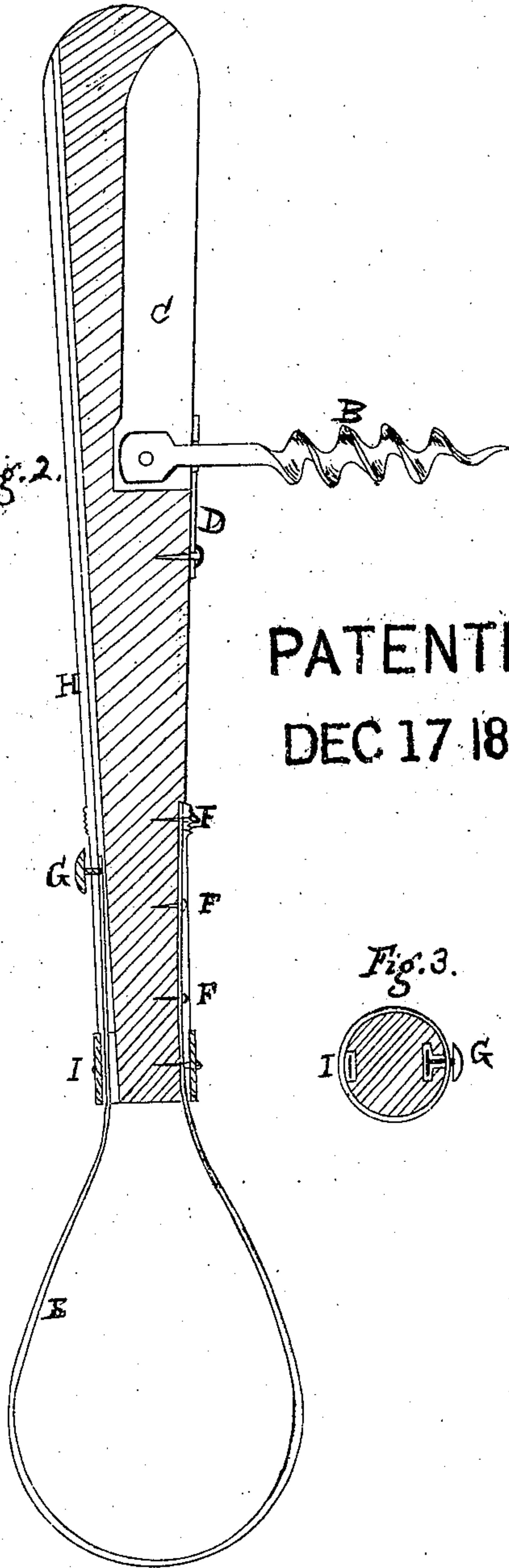
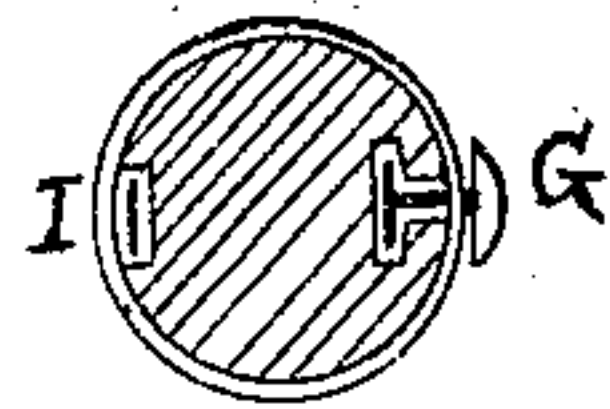


Fig. 2.



PATENTED
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Fig. 3.



Witnesses

M. F. Burrows

P. M. Wright

Inventor.

Wm. S. Waterman

United States Patent Office.

WILLIAM G. WATERMAN, OF MIDDLETOWN, CONNECTICUT.

Letters Patent No. 72,247, dated December 17, 1867.

IMPROVED CORK-EXTRACTOR.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM G. WATERMAN, of Middletown, in the county of Middlesex, State of Connecticut, have invented a new and useful Improvement in the Manner of Constructing Cork-Extractors; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in constructing a cork-extractor that will extract corks from bottles, also in the combination of said extractor with a corkscrew, both being attached to the same instrument.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1, side view of spring and handle, with section of bottle.

Figure 2, section of handle and spring, with side view of corkscrew.

Figure 3, section of end of handle.

Letter A, handle; B, corkscrew; C, groove in handle for corkscrew; D, catch; E, spring; F, pins; G, thumb-piece; H, groove for spring; I, ferrule; J, cork; K, bottle. The handle I construct of wood, into which, at or near the centre, on one side, I attach the corkscrew B, so connected that it can be turned down into the groove C, made in the handle to receive it. D is a catch, fastened to the handle, to hold open the cork-screw when used. E is a spring, one end of which is fastened to the handle by pins F F F, the other end being attached to the thumb-piece G. H is a groove, made the whole length of the handle A, which is wider at the bottom than at the top, that the end of the spring E may slide in it. I is a ferrule, on the end of the handle, under which the spring is made to slide, by taking hold of the thumb-piece G, which is riveted into the end of the spring E in the groove H. J is a cork, represented as being extracted from bottle K.

The operation of the instrument is as follows: Whenever a cork is to be extracted, the end of the handle is inserted into the bottle, then, by taking hold of the thumb-piece G, the spring E can be pushed into the bottle, the spring expands, and when the bottle is inverted, the cork goes between the inner sides of the spring E, and when drawn by the handle, the spring closes around the cork, and is drawn out.

The advantages of this instrument are, that it gives the cork more room to pass out from the bottle than any other method.

Claim.

What I claim, and desire to secure by Letters Patent, is—

The combination of the corkscrew B and the spring E, both being attached to the handle A in the manner herein set forth and described.

WILLIAM G. WATERMAN.

Witnesses:

P. M. WRIGHT,

AUG. PUTNAM.