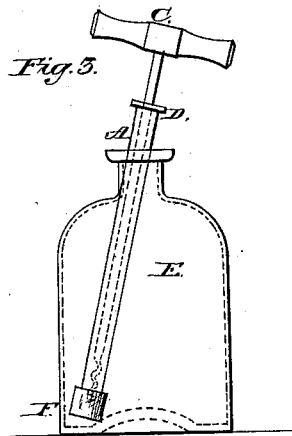
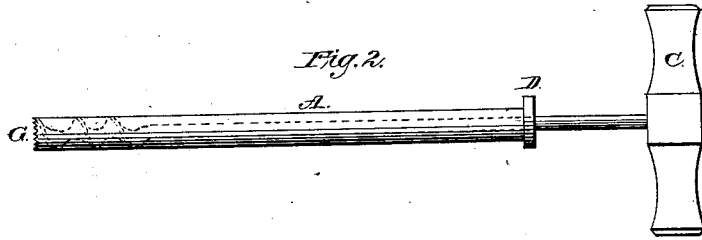
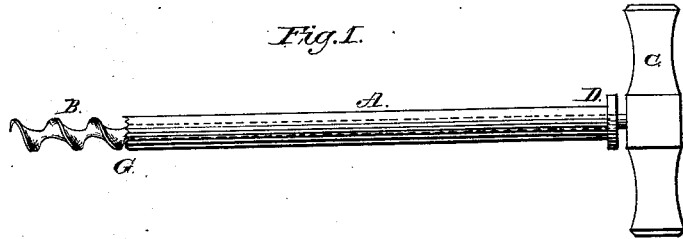


M. L. CRANNELL.  
CORKSCREW.

No. 190,669.

Patented May 15, 1877.



Attest:

sole H Denis  
James M. Palmer

Inventor:

Marvin L. Crannell.

# UNITED STATES PATENT OFFICE

MARVIN L. CRANNELL, OF TROY, NEW YORK.

## IMPROVEMENT IN CORKSCREWS.

Specification forming part of Letters Patent No. **190,669**, dated May 15, 1877; application filed January 22, 1877.

*To all whom it may concern:*

Be it known that I, MARVIN L. CRANNELL, of the city of Troy, State of New York, have invented an Improved Corkscrew, of which the following is a specification:

The object of my invention is to more effectually remove corks from bottles, either from the neck or from the inside of the bottle, than by the ordinary corkscrew.

The nature of my device will appear from the accompanying drawing and annexed specification.

My improvement consists in arranging and combining a metallic sleeve or other tubular covering to the rod of the screw, as seen in the plan view, Figure 1, which tube has on one end angular projections G, and at the other end a milled collar, D.

In withdrawing corks from bottles my device is operated substantially as follows: The handle C is firmly grasped by the hand, the thumb and forefinger resting on or around the collar D. The tube is thrust forward, as shown in Fig. 2, and then pressed down into the cork, as seen in Fig. 3, so that the spurs or angular projections enter the cork and hold it securely while the screw is turned in enter-

ing the cork, when the same is withdrawn in the usual manner.

The advantages of the sleeve A are, that by pressing its points or spurs into the cork, or, if preferred, a smooth end on the cork, and so holding it, the entrance of the screw-point is regulated, the cork is held from breaking, and the same is withdrawn more readily and in better condition, all of which difficulties are liable to occur with the ordinary corkscrew; and my device may be used with equal facility in withdrawing the cork from the neck or from within the bottle. The length of the rod, different sizes of the screw, and the grasping-sleeve may be made to suit the dimensions of the bottles or jugs with which it is to be used.

What I claim is—

The combination and arrangement, with a corkscrew, of the sleeve or tubular cover A, having spurs or equivalents to grasp and hold the cork while being pierced by the screw-point.

MARVIN L. CRANNELL.

Witnesses:

JAMES W. PALMER,  
COLE H. DENIO.