

A. MILLER.
CORK-EXTRACTOR.

No. 176,664.

Patented April 25, 1876.

Fig. 1.

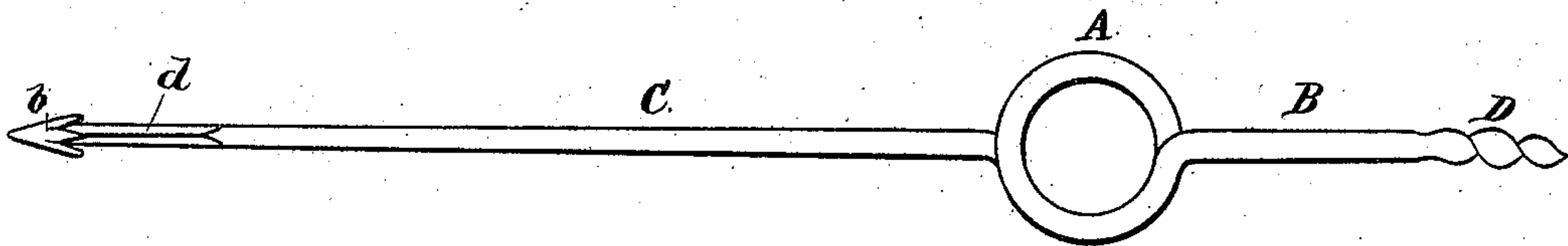


Fig. 2.

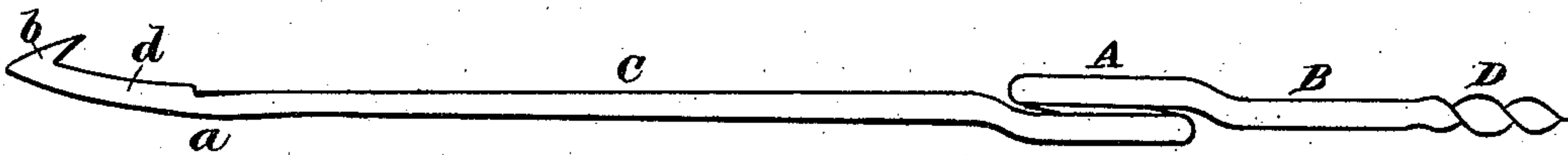
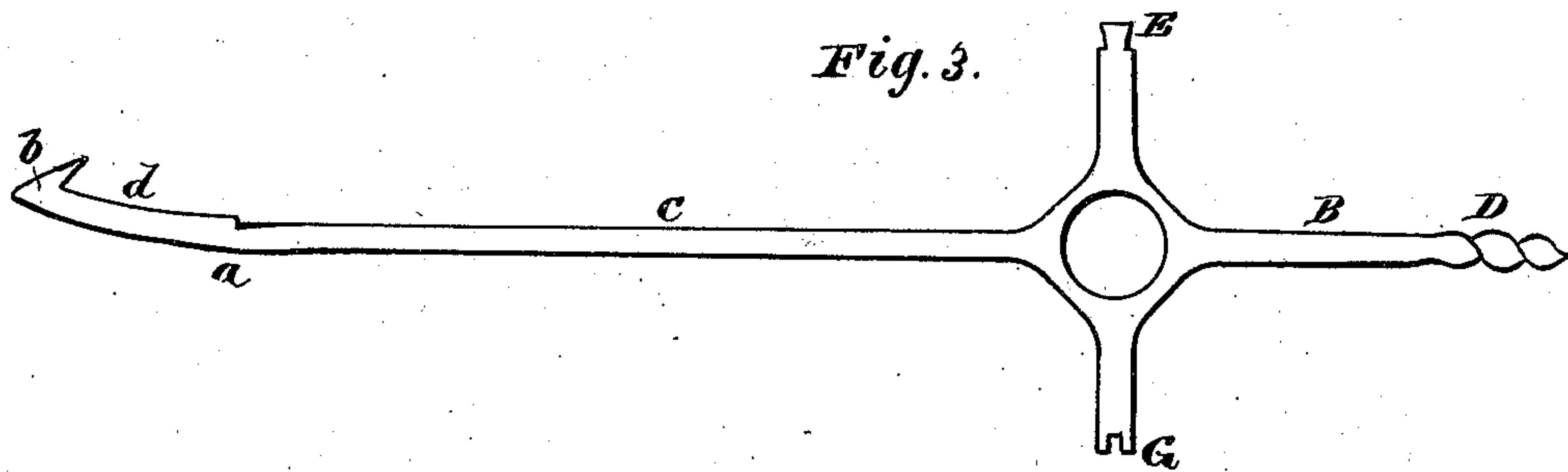


Fig. 3.



Witnesses:

John H. Mann
Thomas Marron

Inventor.

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Atty

UNITED STATES PATENT OFFICE.

ANDREW MILLER, OF GUNTERSVILLE, ALABAMA.

IMPROVEMENT IN CORK-EXTRACTORS.

Specification forming part of Letters Patent No. **176,664**, dated April 25, 1876; application filed February 1, 1876.

To all whom it may concern:

Be it known that I, ANDREW MILLER, of Gunter'sville, in the county of Marshall and State of Alabama, have invented certain new and useful Improvements in Cork-Extractors; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a combined corkscrew and cork-extractor, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side view of my invention. Fig. 2 is a view of another side thereof. Fig. 3 shows a modification of the same of a more complex nature.

My cork-extracting or cork-removing implement is formed of a single piece of steel wire or rod, bent to form a lap-ring, A, which answers the twofold purpose of a handle and as a ring for hanging up the implement.

The two arms or ends, B C, of the rod extend on a straight line in opposite directions from the ring handle A. The end of the shorter arm B is twisted or otherwise formed into a corkscrew, D, while the long arm C is curved or bent, as shown at *a*, and near the end, which is bent to form a hook, *b*, a sharp or cutting edge, *d*, is made. The curve *a* allows

one end of the cork to enter the neck of the bottle from the inside, when the narrowing of the neck presses it against the arm C. The resistance then causes the hook, which is provided with two or more fangs, to enter the other end of the cork, and the knife or cutting-edge allows the arm to sink into the cork as it is pulled through the neck of the bottle.

In operating, insert the arm C, turn the small end of the cork toward the neck of the bottle, then catch the large end with the fanged hook, give a quick pull, and the cork will be easily extracted.

This implement may be made of any size desired, and in some cases I may make it of a flat bar of steel and then form a screw-driver, E, on one side, and a wrench, G, on the other side, of the handle, as shown in Fig. 3.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A cork-extracting implement made of a single piece of steel wire or rod, bent to form the ring-handle A, arm B, with corkscrew D, and arm C, with fanged hook *b*, substantially as and for the purposes herein set forth.

2. A cork-extracting implement consisting of the handle A, arm C, and hook *b*, the arm having a knife-edge, *d*, and being curved at the point *a*, substantially as and for the purposes set forth.

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

ANDREW MILLER.

Witnesses:

F. A. PROVENCE,
JNO. D. TAYLOR.