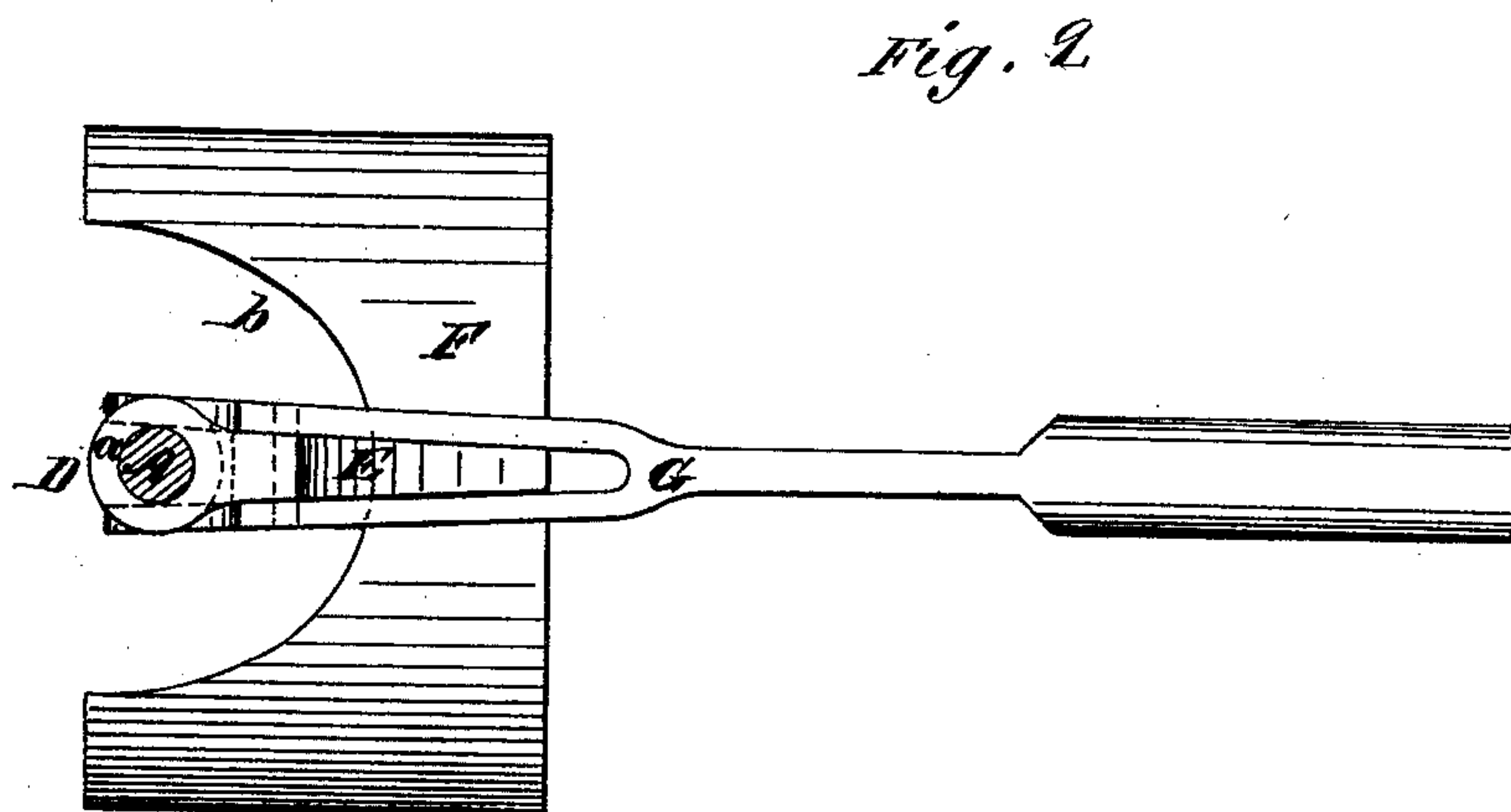
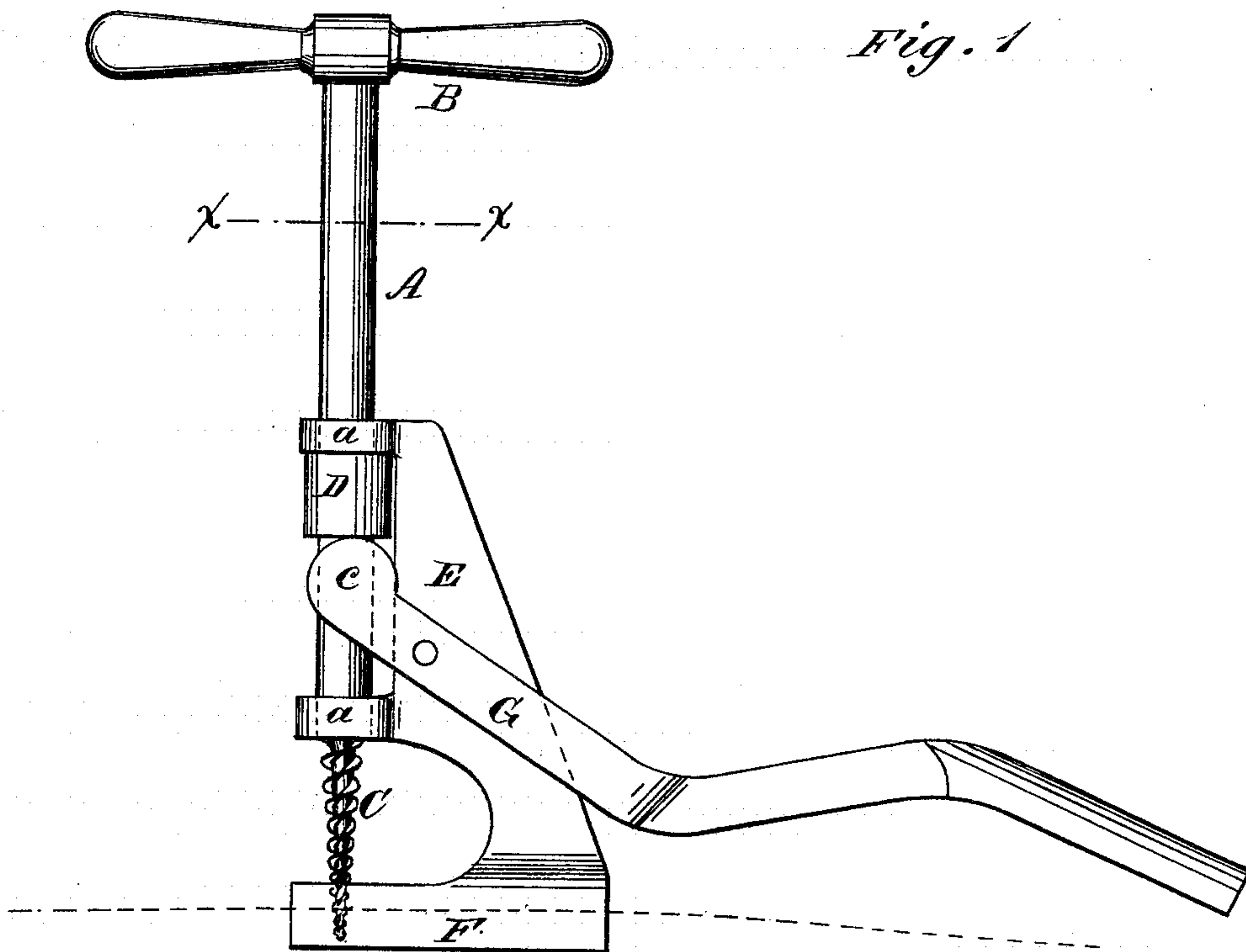


W. A. WILEY.
Bung-Extractor.

No. 196,611

Patented Oct. 30, 1877.



WITNESSES:

C. Neveu
J. H. Scarborough

INVENTOR:

W. A. Wiley
BY *Mumt*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM A. WILEY, OF ALLEGHENY, PENNSYLVANIA.

IMPROVEMENT IN BUNG-EXTRACTORS.

Specification forming part of Letters Patent No. **196,611**, dated October 30, 1877; application filed September 29, 1877.

To all whom it may concern:

Be it known that I, WILLIAM A. WILEY, of Allegheny city, in the county of Allegheny and State of Pennsylvania, have invented a new and Improved Bung-Drawer, of which the following is a specification:

Figure 1 is a side elevation of my improved bung-drawer. Fig. 2 is a plan view in section, taken on line *xx* in Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of my invention is to provide an implement for extracting bungs from barrels without injuring either bung or barrel.

The invention consists in the combination of a spindle having at its upper end a T-handle, and carrying at its lower end a wood-screw, a lever for operating the spindle, and a support for the spindle and lever.

Referring to the drawing, A is a spindle, having at its upper end a T-handle, B, similar in form to an auger-handle, and carrying at its lower end a coarse-threaded gimlet-screw, C. A collar, D, is placed on the spindle A,

and the spindle is supported by guides *a* formed on the standard E. This standard is provided with a base-piece, F, which is concaved to fit the surface of the barrel, and has a notch, *b*, which partly encircles the bung. A forked lever, G, is pivoted to the standard E, and is provided with rounded ends *c*, which engage the collar D.

The device is used by placing the foot or base piece F on the barrel with the bung in the notch *b*, and screwing the screw C into the bung. The longer arm of the lever G is now moved with a sudden pressure, when the bung will be withdrawn.

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

The spindle A, carrying the screw C, the lever G, and standard E, in combination, substantially as herein shown and described.

WILLIAM A. WILEY.

Witnesses:

M. B. SUYDAM,
JAMES MAYE.