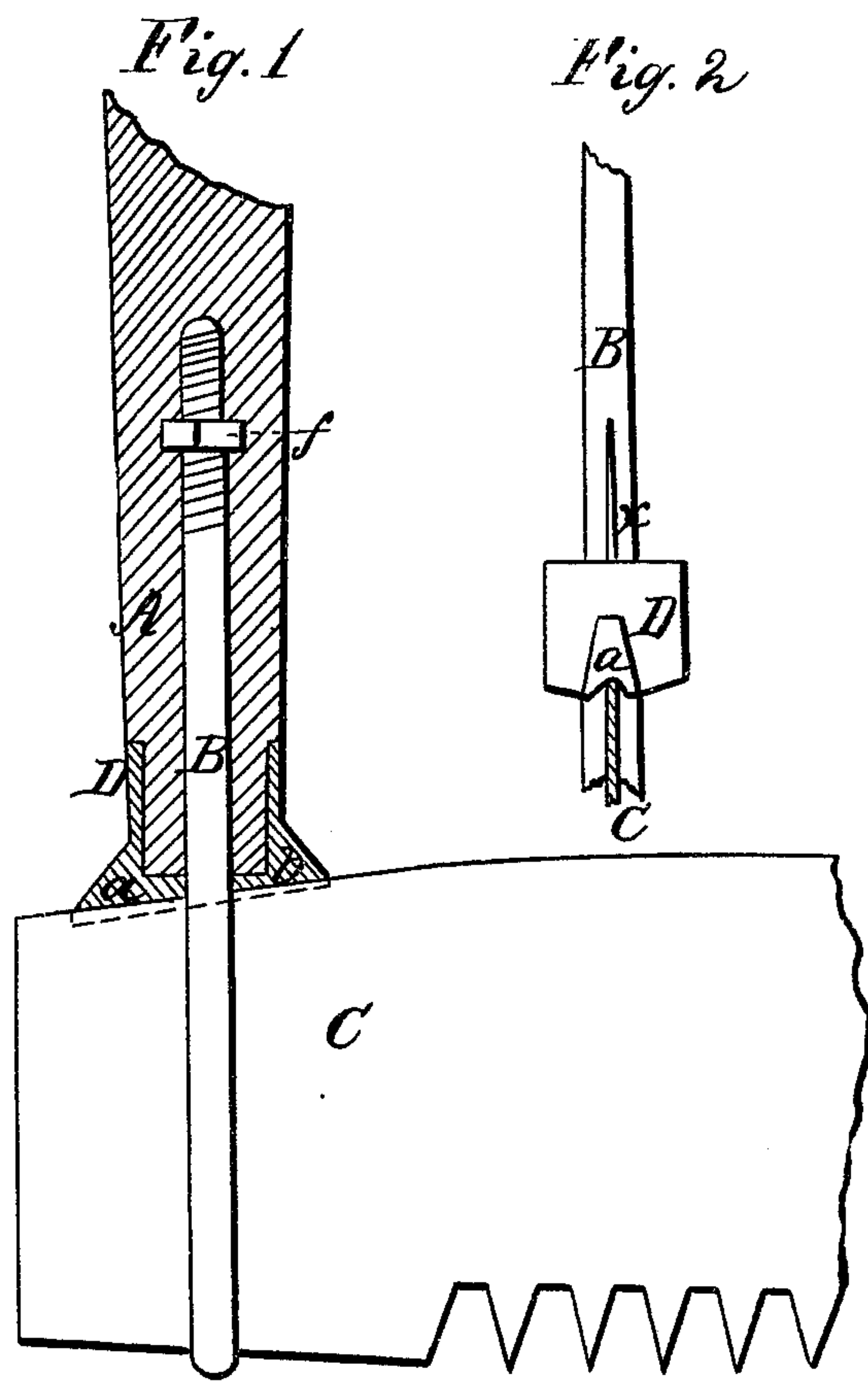


J. Flint

Cross Cut Saw Handle.

N^o 91,428. Patented Jun. 15, 1869.



Witnesses
Lat Lorenzo Gage
Chas O Humphrey

Inventor
Joseph Flint

United States Patent Office.

JOSEPH FLINT, OF ROCHESTER, NEW YORK.

Letters Patent No. 91,428, dated June 15, 1869.

IMPROVEMENT IN SAW-HANDLES.

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, JOSEPH FLINT, of the city of Rochester, in the State of New York, have invented a new and useful Saw-Handle; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification, in which—

Figure 1 is a vertical section of the handle and ferrule, with a portion of a saw in side elevation, and also showing the connecting-rod.

Figure 2 is a side elevation of the connecting-rod and ferrule, showing also the slotted hole for the saw.

The nature of this invention will be understood from the drawings and specification.

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

My handle, A, is made in the usual form of handles of the class, but it has a hole through it longitudinally, to receive the rod B, that attaches it to the saw C.

In the side of the handle an opening is made, extending into the hole of the attaching-rod B. Into this side opening a square screw-nut, *f*, is placed. A piece of wood is then inserted in the side opening; encloses the nut *f* in the handle, and also aids in preventing the nut from turning.

The sustaining-rod B has a slotted opening, *x*, in the outer end, sufficiently long to receive the end of the saw, as shown in fig. 2. On the other end a screw is cut for the nut *f*.

The end of the handle next to the saw is provided with a socket-ferrule, D, in which it moves easily.

This ferrule is provided with two projections, *a* and *b*, fig. 1, which, when on the saw, are parallel to it, and they have a crease in the lower face, as shown in fig. 2, to receive the back of the saw.

These projections *a* and *b* give a better bearing for the saw to press on when the handle is tightened.

The object of this invention is to make a detachable handle for crosscut-saws, which is desirable, as often it may become bound in the log, so that it can be got out only by wedging open the log; but by taking off the handle, it may be drawn out endways.

It operates as follows: The saw being inserted in the slot of the sustaining-rod B, the rod is then passed through the ferrule and into the handle, until it meets the nut *f*. The handle is then turned, and the rod screws into the nut and clamps the saw between the lower part of the sustaining-rod and ferrule D. The back of the saw rests in the crease in the lower face of the ferrule, which is thereby prevented from turning, while the handle is being turned to tighten it. The nut being inserted inside of the handle, is out of the way of the hand of the operator.

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

The saw-handle, formed by combining the handle A, ferrule D, slotted bolt B, with its nut *f*, when all the parts are constructed and arranged as shown and described.

JOSEPH FLINT.

Witnesses:

JAS. LORENZO GAGE,
CHAS. I. HUMPHRY.