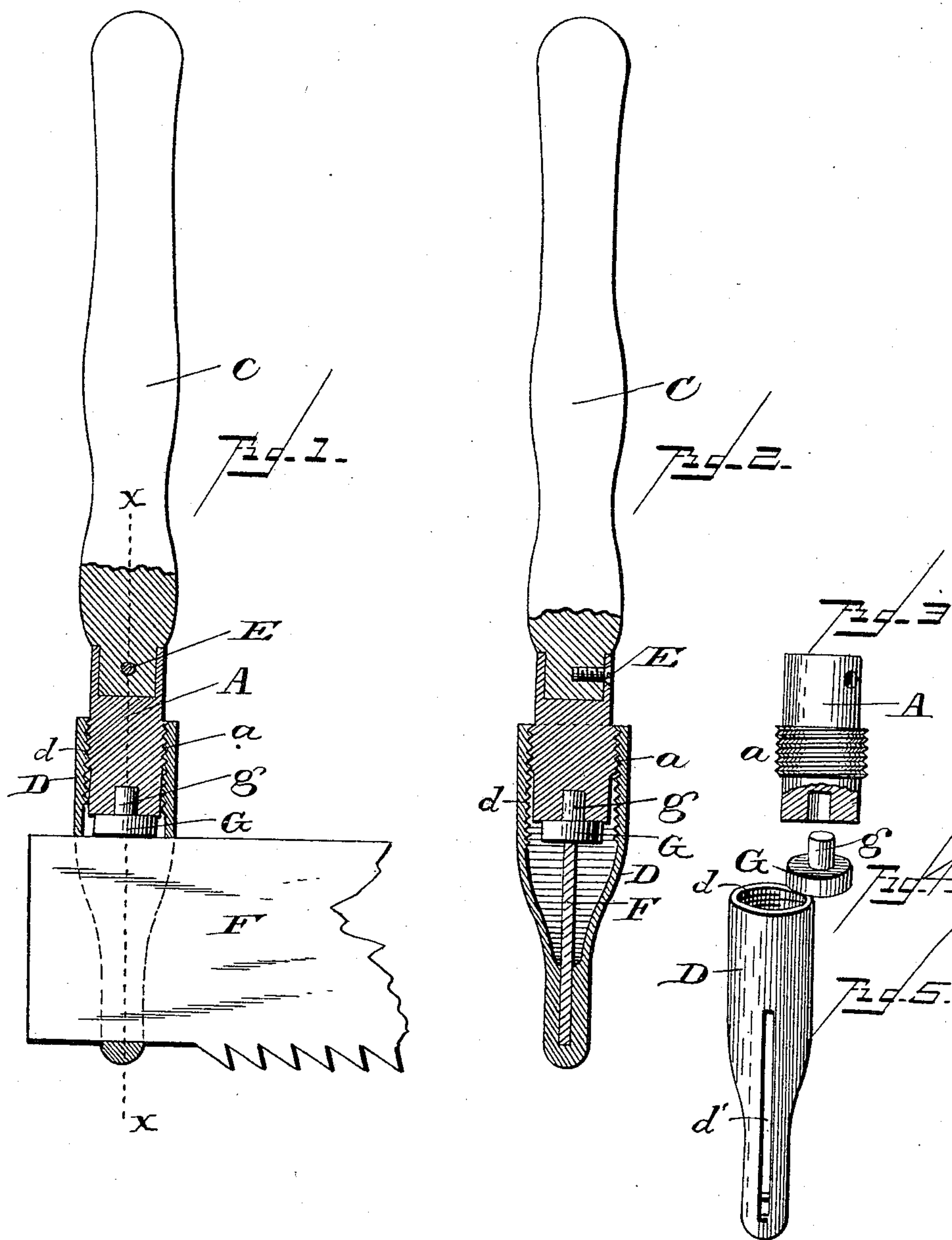


(No Model.)

A. M. ROSCOE.
SAW HANDLE.

No. 459,652.

Patented Sept. 15, 1891.



WITNESSES
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UNITED STATES PATENT OFFICE.

ALLISON M. ROSCOE, OF DUBOIS, PENNSYLVANIA.

SAW-HANDLE.

SPECIFICATION forming part of Letters Patent No. 459,652, dated September 15, 1891.

Application filed January 14, 1891. Serial No. 377,705. (No model.)

To all whom it may concern:

Be it known that I, ALLISON M. ROSCOE, a citizen of the United States, residing at Dubois, in the county of Clearfield and State of Pennsylvania, have invented certain new and useful Improvements in Saw-Handles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to handles for cross-cut saws, and aims to provide a handle that can be readily attached to and detached from the saw, and which when in position will grip the saw firmly and prevent lateral buckling thereof on the line of tension of the compressing or gripping contrivance.

The improvement consists of the novel features and the peculiar construction and combination of the parts which will be hereinafter more fully described and claimed, and which are shown in the annexed drawings, in which—

Figure 1 is a side view, parts being broken away, of a handle embodying my invention, showing its application to the end of a cross-cut saw. Fig. 2 is a cross-section on the line X X of Fig. 1, showing the upper portion of the handle in full. Fig. 3 is a detached view of the handle-socket. Fig. 4 is a detached view of the revoluble disk. Fig. 5 is a detached view of the saw-receiving socket.

The socket A, which is constructed to receive the handle C, the latter being held in the socket by the screw or similar fastening E, is provided with a threaded portion *a*, on which screws the saw-socket D, the latter being internally threaded at *d* to correspond with the threaded portion *a* of the socket A. The slot *d'* in the socket D is just wide enough to receive the saw F and prevent the latter springing laterally when the saw is clamped in the socket D. The disk G is secured to the lower end of the socket A by the rivet or stud *g* in such a manner as to turn freely and independently thereof.

In assembling the parts the end of the saw is thrust through the slot *d'* in the socket D, and the socket A is inserted in the upper end of the socket D and screwed down therein until the disk G bears on the upper edge of the saw with sufficient pressure to clamp the saw in the slot *d'* between the lower closed end of the said slot *d'* and the disk G. By having the disk G revoluble the handle C can turn while the said disk is held firmly in engagement with the saw, thereby preventing injury to the saw and facilitating the process of clamping and unclamping the saw.

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

1. The combination, with the socket D, having a slot through its sides to receive the saw and having its upper end internally threaded, of the socket A, having the exteriorly-threaded portion *a* to screw into the socket D, and the disk G interposed between the upper edge of the saw and the lower end of the socket A and having stud *g*, which enters the lower end of the said socket A and forms a positive connection between the said disk and the aforesaid socket A, substantially as described.

2. The combination of the socket D, tapering at its lower end and having its upper end internally threaded and having slot *d'* in its side, the saw having its end thrust through the said slot *d'*, the socket A, having exteriorly-threaded portion *a* to screw into the socket B, the handle C, fastened in socket A, and the disk G placed against the end of socket A and having stud *g*, which forms a positive connection and journal between the aforesaid socket A and the disk, substantially as and for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

ALLISON M. ROSCOE.

Witnesses:

H. C. WILSON,
F. H. BELL.