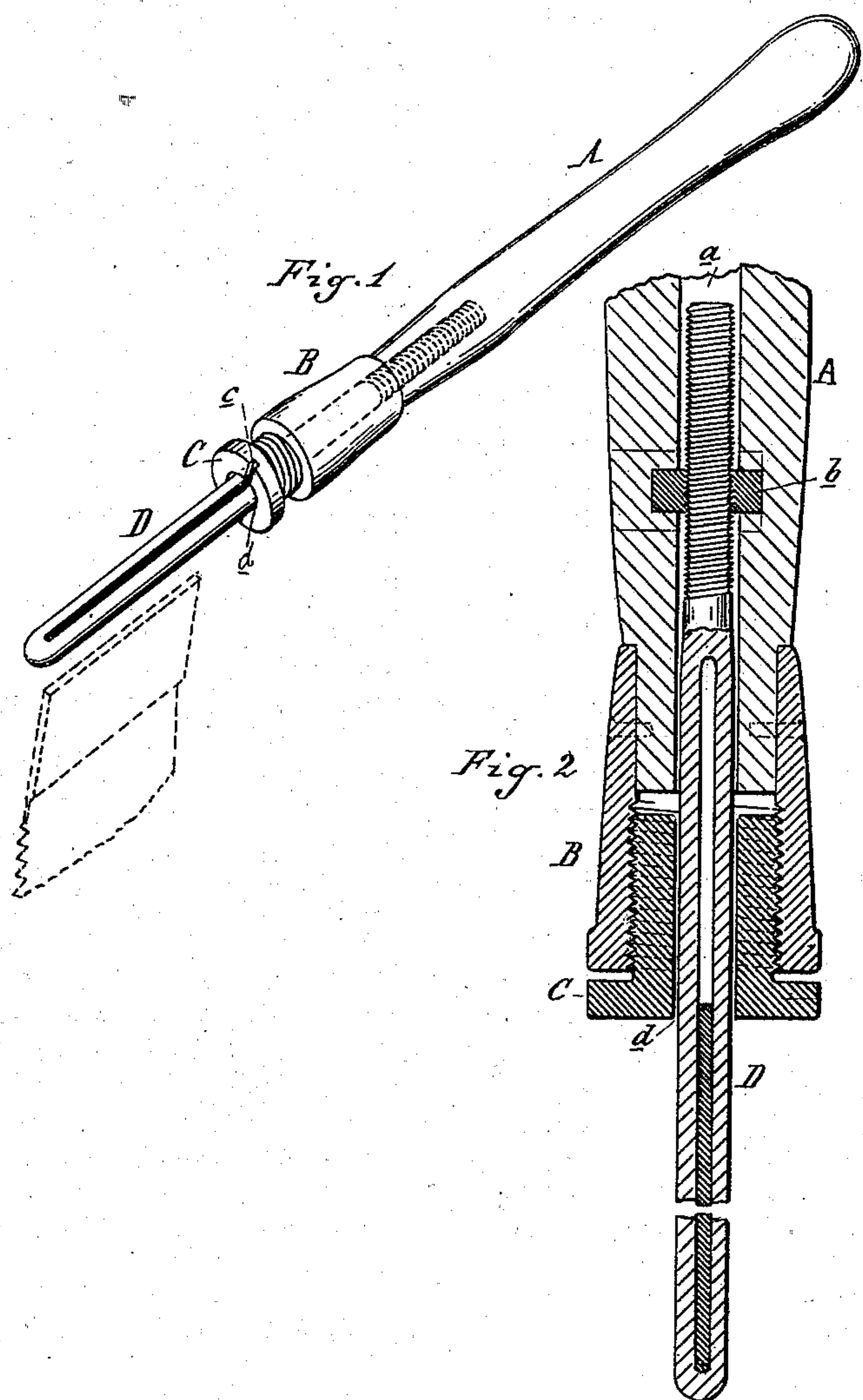


(No Model.)

I. W. McINTYRE.
Crosscut Saw Handle.

No. 239,822.

Patented April 5, 1881.



Attest:
A. Barthel
& W Audrens

Inventor:
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UNITED STATES PATENT OFFICE.

IRVING W. MCINTYRE, OF MOUNT PLEASANT, MICHIGAN.

CROSSCUT-SAW HANDLE.

SPECIFICATION forming part of Letters Patent No. 239,822, dated April 5, 1881.

Application filed December 28, 1880. (No model.)

To all whom it may concern:

Be it known that I, IRVING W. MCINTYRE, of Mount Pleasant, in the county of Isabella and State of Michigan, have invented an Improvement in Crosscut-Saw Handles, of which the following is a specification.

The nature of this invention relates to certain new and useful improvements in the construction of handles for crosscut-saws; and the invention consists in the peculiar construction, arrangement, and combination of the various parts, all as more fully hereinafter set forth.

Figure 1 is a perspective view, and Fig. 2 is a longitudinal central section.

In the accompanying drawings, which form a part of this specification, A represents the handle, in the lower end of which is bored the recess *a*, leading to and through the nut *b*, which is let into the handle, as shown. Upon the lower end of the handle A is secured a metallic ferrule, B, which is internally threaded to receive the binding-nut C. This nut C has a groove, *c*, cut across its face, and is centrally perforated, as at *d*, to receive the tang D, the inner end of which is threaded to engage with the nut *b* in the handle, and the outer portion of this tang is slotted longitudinally, as shown, to receive the saw-blade.

It will be observed that the threads of the end of tang D and the threads of the grooved nut C are inclined in opposite directions, so that the tang D can be retracted and the nut C extended by turning the handle.

In practice the tang is extended so that the saw-blade will just slip into the slot, the nut C being screwed down upon the ferrule and the back of the saw resting in the groove *c*. By then turning the handle so as to retract the tang the nut C will be extended, thus securely locking the saw-blade in place.

What I claim as my invention is—

A handle for crosscut-saws, consisting of the handle A, internally screw-threaded ferrule B, tang D, screw-threaded at its upper end, and nuts C and *b*, the threads on the end of the tang D and the threads of the grooved nut C being inclined in opposite directions, whereby the tang D can be retracted and the nut C extended by turning the handle, substantially as described.

IRVING W. MCINTYRE.

Witnesses:

JARED DOUGHTY,
FRANK DOUGHTY.