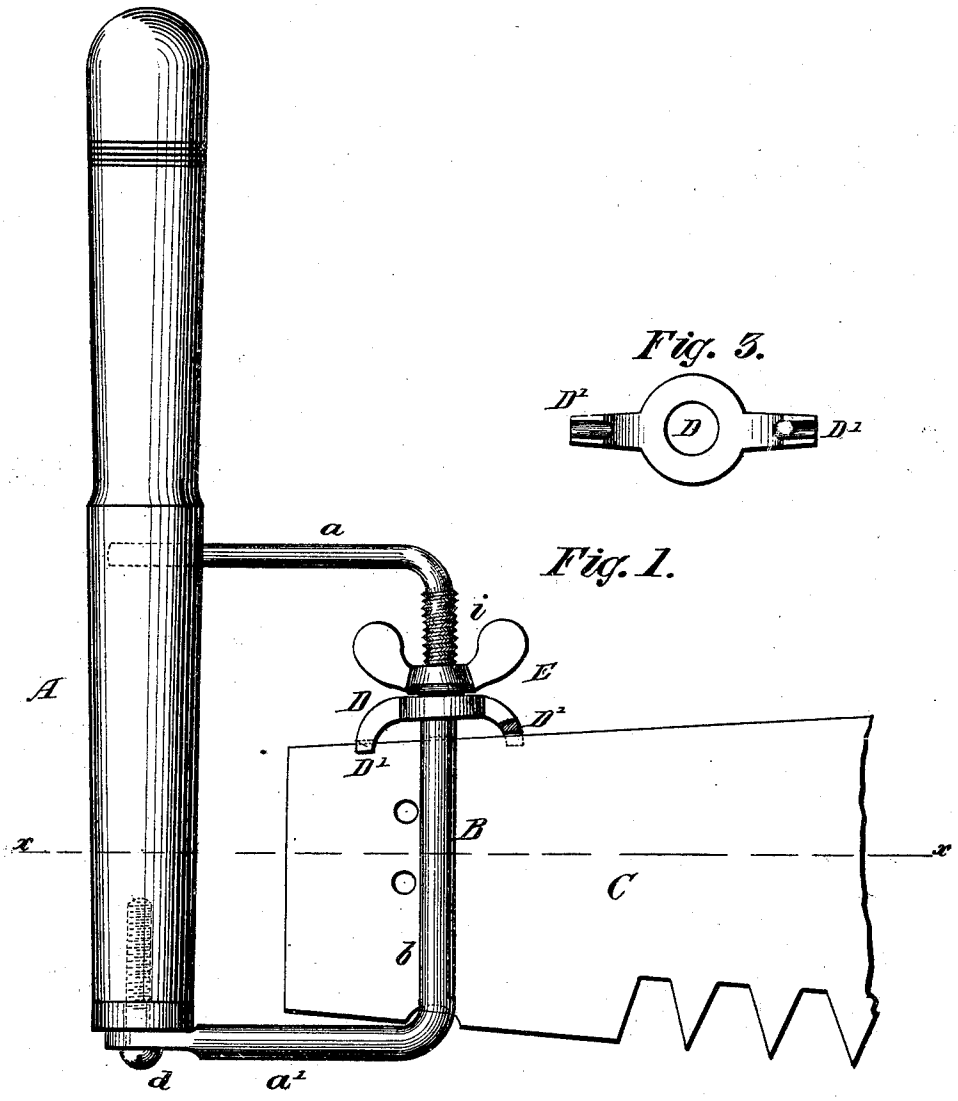
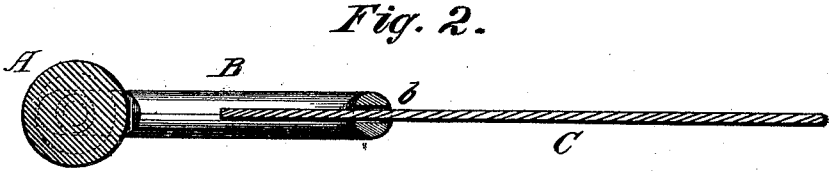
W. MILLSPAUGH.

CROSS CUT SAW HANDLES.

No. 170,961. Patented Dec. 14, 1875.





Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM MILLSPAUGH, OF MIDDLETOWN, NEW YORK.

IMPROVEMENT IN CROSSCUT-SAW HANDLES.

Specification forming part of Letters Patent No. **170,961**, dated December 14, 1875; application filed November 11, 1875.

To all whom it may concern:

Be it known that I, WILLIAM MILLSPAUGH, of Middletown, in the county of Orange and State of New York, have invented certain new and useful Improvements in Crosscut-Saw Handles; 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 appertains to make and use the same, reference being had to the accompanying drawings, 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 handle for crosscut-saws, as will be hereinafter more fully set forth.

In the annexed drawing, Figure 1 is a side view of my crosscut-saw handle. Fig. 2 is a longitudinal section of the same through the line *x x*, Fig. 1. Fig. 3 shows a pronged fastening used for holding the saw.

A represents a round handle, of any suitable dimensions, to which is secured a bail, B, formed of a metal rod having its ends *a a'* bent at right angles to the body *b* and parallel to each other. The prong or end *a* is inserted in the handle A from the side, while the end of the prong *a'* is flattened and fastened to the end of the handle by a screw, *d*, as shown. The body *b* of the bail B is slotted longitudinally for the passage of the saw-blade C, which has a notch in its lower edge, to fit over the metal in the lower end of the slot. Above the saw-blade, on the bail, is a collar, D, with two curved arms, D' D', the ends of which are grooved to fit over the upper or back edge of the saw-blade, one on each side of the bail. A thumb-nut, E, is then screwed down on top of the collar D, to hold the parts firmly in place, there being for that purpose formed screw-threads *i* on the upper part of the body *b* of the bail. The saw-blade C can be easily removed and another inserted and fastened in place.

With this invention it will be noticed there are two bearings for the saw, and the handle is extended downward to the bottom of the saw, or on a line with the teeth of the saw; hence giving the operator much better chance to handle the same, whether with one or two hands.

The importance of two bearings for the saw—one above and one below—is readily seen, as it prevents any tilting or canting of the saw, and the saw is under much better control of the operator.

The device is simple, cheap, and durable, and not liable to get out of order.

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

In combination with a saw-handle, the slotted bail B, said bail being constructed with portions *a* and *a'*, connecting with the handle, and with suitable fastening device, whereby an open space is left between the end of the saw and handle, substantially as shown and described.

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

WM. MILLSPAUGH.

Witnesses:

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