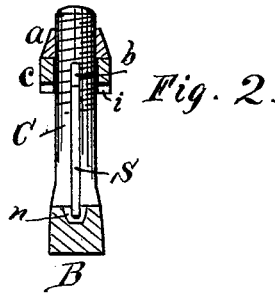
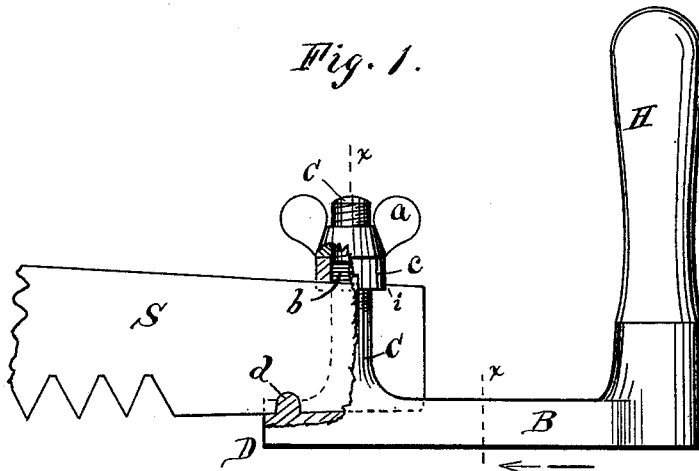


M. E. TRUE.
Crosscut-Saw Handle.

No. 206,908.

Patented Aug. 13, 1878.



Witnesses.

J. A. Loughborough
W. S. Loughborough.

Inventor.

Moses E. True
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Att'y.

UNITED STATES PATENT OFFICE.

MOSES E. TRUE, OF BATAVIA, NEW YORK.

IMPROVEMENT IN CROSSCUT-SAW HANDLES.

Specification forming part of Letters Patent No. **206,908**, dated August 13, 1878; application filed April 27, 1878.

To all whom it may concern:

Be it known that I, MOSES E. TRUE, of Batavia, in the county of Genesee 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, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a side sectional elevation of my invention. Fig. 2 is a transverse section on the dotted line *x* in Fig. 1, looking in the direction of the arrow.

My invention consists in the employment of a metallic extension-shank, consisting of a single bar, socketed at its outer end to receive the handle, and having a slotted clamping-bolt formed upon its inner end, such bolt being threaded externally to receive the clamping-nut upon its upper end, and in the employment of a collar having several notches of different depths, in combination with the clamping bolt and nut.

The extension-shank B, I preferably form of malleable iron, and it is provided with the handle-socket at its outer end. At or near its opposite end, and upon the upper side, is formed the saw-clamping bolt C. This has a slot, *b*, cored out to receive the end of the saw. It is threaded at the upper end to receive the clamping-nut *a*. In the track of the slot *b* is formed a lug, *d*, projecting upward to catch in a corresponding notch cut in the lower edge of the saw, as shown in Fig. 1. The upper side of the shank may be chambered, as indicated at *n*, Fig. 2, either a part or the whole distance from the handle-socket to the clamping-bolt.

The lug *d* may be arranged at any desired point.

The collar *c* is provided with notches *i* in its lower edge to receive the upper edge of the saw. There may be a series of notches, of different depths, to adapt the clamp to different widths of saws.

To attach the handle to the saw the nut *a* is

run up on the clamping-bolt C, the collar *c* raised, and the end of the saw inserted through the slot *b* until the lug *d* registers to the notch in the lower edge of the saw, when the latter is placed in position and the nut screwed down until the collar is forced down upon the saw and the latter firmly clamped to the handle.

The great advantage in attaching the extension-shank and handle to the lower edge of the saw instead of as heretofore practiced is, the hands of the operator are more nearly in the line of draft and resistance, and the saw is, proportionally, more easily guided.

By having the clamping-bolt, extension-shank, &c., formed in one piece there are just so many less parts to become detached and lost.

The object of the counter-extension D is to stiffen the saw-blade beyond the slotted clamping-bolt.

I do not claim such a construction of saw-handle attachments as that set forth in the patents of Gerlach, May 8, 1877; of Millspaugh, December 14, 1875; of Ohlen, August 18, 1868, and of Ballard, April 1, 1870; but

What I claim as my invention is—

1. As an improvement in crosscut-saw handle attachments, a single-bar metallic extension-shank, B, its upper side having a groove, *n*, its outer end being socketed to receive the lower end of the handle H, and having formed upon its inner end a slotted coupling-bolt, C, projecting upward, and threaded externally at the upper end to receive the clamping-nut *a*, and provided with a locking-lug, *d*, the parts all being arranged, relatively, as shown and described, for the purposes set forth.

2. In combination with the extension-shank, clamping-bolt C, and nut *a*, the collar *c*, having a series of notches of different lengths, whereby the handle-clamp is adapted to saw-blades of different widths, as set forth.

MOSES E. TRUE.

Witnesses:

WM. S. LOUGHBOROUGH,
WM. G. WATSON.