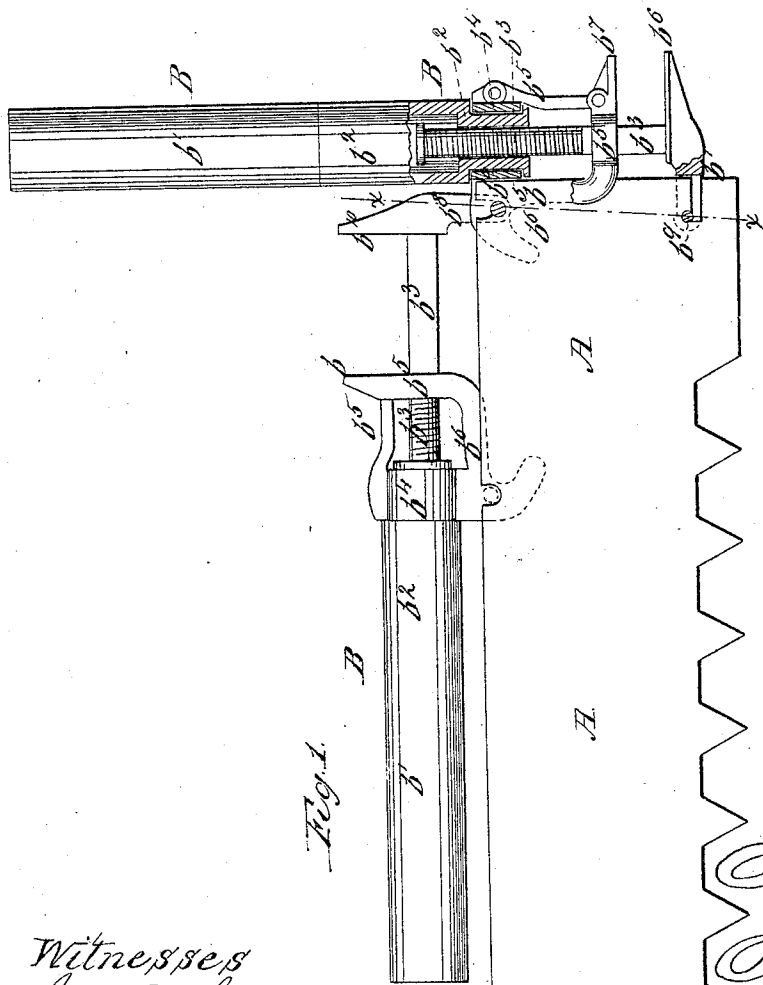
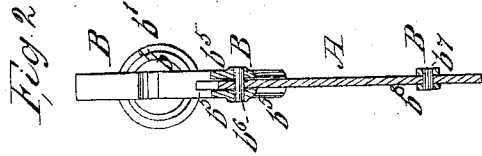


*N. Holmes.*

*Saw Handle.*

*No. 58,828.*

*Patented Oct. 16, 1866.*



*Witnesses*  
*Ja. A. Service*  
*L. N. B. Langton*

*Inventor*  
*N. Holmes*  
*Per Wm. G. Munnely*  
*Attorneys*

# UNITED STATES PATENT OFFICE.

N. HOMES, OF LAONA, NEW YORK.

## IMPROVEMENT IN ATTACHING HANDLES TO SAWS.

Specification forming part of Letters Patent No. 58,828, dated October 16, 1866.

*To all whom it may concern:*

Be it known that I, N. HOMES, of Laona, in the county of Chautauqua and State of New York, have invented a new and useful Improvement in Saw-Handles; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of one end of a saw with my improved handle attached, part being broken away to show the construction, and showing in red lines the position of the handle when arranged for carrying. Fig. 2 is a cross-section of the same, taken through the line  $xx$ , Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish a neat, convenient, and substantial handle for crosscut-saws, which may be readily attached to and removed from the saw, and which may be used as a saw-set or a wrench, as occasion may require; and it consists, first, of a saw-handle constructed and arranged as hereinafter more fully described; second, in the combination, with a saw-handle, of a saw-set or wrench, as hereinafter described.

A is the saw-plate, which is made in the usual manner, except that it has notches formed in its edge for the attachment of the handle.

B is the handle, to the lower end of the wooden part  $b^1$  of which is firmly attached a ferrule,  $b^2$ .

The lower part of the ferrule  $b^2$  is made solid and is perforated, and has a screw-thread cut in said perforation, for the reception of the screw  $b^3$ . Around the lower part of the ferrule  $b^2$  is formed a neck, upon which is fitted the sleeve  $b^4$ .

$b^5$  is a frame, the upright arms of which are attached to or made solid with the opposite sides of the sleeve  $b^4$ . The horizontal arm of this frame is perforated with a rectangular hole for the passage of the rectangular part of the screw  $b^3$ .

The upper end of the forward arm of the frame  $b^5$  projects forward, and the said arm is slotted for the reception of the edge of the saw A, as shown in the drawings.

$b^6$  is a pin or rivet passing through the arm of the frame  $b^5$ , which enters a notch in the saw-plate A, and holds the said plate securely connected to the handle B.

The rear end,  $b^7$ , of the horizontal arm of the frame  $b^5$  projects outward and is made in the form of the jaw of a wrench, as shown in the drawings.

The upper part of the screw  $b^3$  has a screw-thread cut upon it, fitting into the thread cut in the lower part of the ferrule  $b^2$ .

The lower part of the said screw  $b^3$  is made rectangular to fit into the rectangular hole in the horizontal arm of the frame  $b^5$ . Upon the lower end of the screw  $b^3$  is formed a T-shaped head, one arm,  $b^8$ , of which projects forward and is slotted for the reception of the edge of the saw-plate A.

$b^9$  is a pin passing through the arm  $b^8$ , which fits into a notch in the saw-plate A, so that the saw-plate may be clamped between the pins  $b^6$  and  $b^9$ , and firmly held.

The rear arm,  $b^{10}$ , of the T-shaped head of the screw  $b^3$  projects outward, and is made in the form of the jaw of a wrench.

Should the saw get fast in the log, the handle, when constructed in this way, can be quickly removed, and the saw drawn out without loss of time. The handle can also be removed from the end of the saw and attached to its back, as shown in red, for convenience in carrying it from place to place.

The jaws  $b^7$  and  $b^{10}$  enable it to be used as a saw-set or as a wrench, as occasion may require.

I claim as new and desire to secure by Letters Patent—

The saw-handle B, constructed and arranged substantially as described, and for the purpose set forth.

N. HOMES.

Witnesses:

ANSON REED,  
E. D. HOMES.