

W. K. STANSBURY.  
Cross-Cut Saw-Handles.

No. 158,537.

Patented Jan. 5, 1875.

Fig. 1.

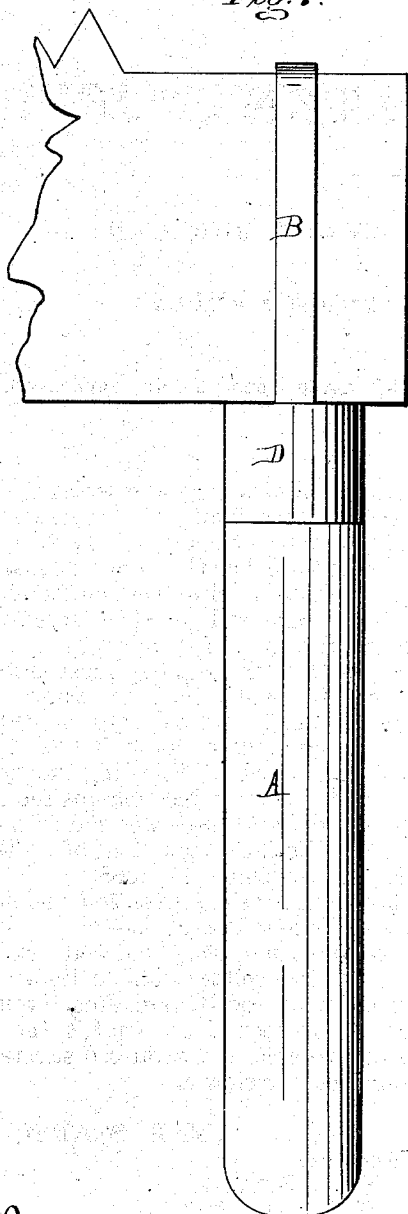
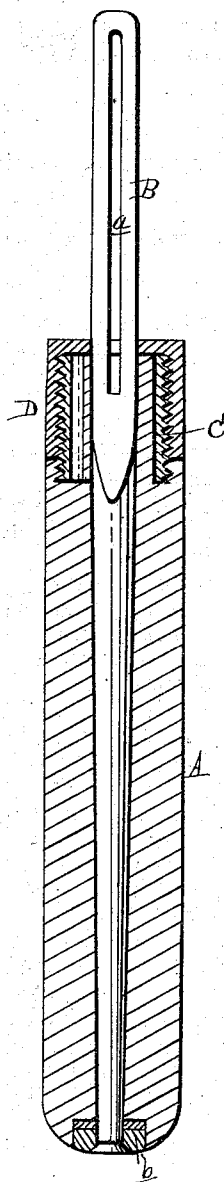


Fig. 2.



Attest:  
Thos. Spalding  
Edw. Barthel

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W. K. Stansbury  
By Attorney  
Thos. S. Sprague

# UNITED STATES PATENT OFFICE.

WILLIAM K. STANSBURY, OF DETROIT, MICHIGAN.

## IMPROVEMENT IN CROSSCUT-SAW HANDLES.

Specification forming part of Letters Patent No. 158,537, dated January 5, 1875; application filed July 15, 1874.

*To all whom it may concern:*

Be it known that I, WILLIAM K. STANSBURY, of Detroit, in the county of Wayne and State of Michigan, have invented an Improvement in Crosscut-Saw Handles, of which the following is a specification:

The object of my invention is to provide a crosscut-saw handle with a simple and effective device for securing it to the tangs of saws of varying breadths; and it consists in a slotted rod riveted at its upper end to a washer over the top of the wooden handle, in which the rod rotates freely. At the lower end of the handle there is a stationary screw-collar with which engages a cylindrical nut, by partially unscrewing which the saw-tang will be clamped by it in the slot of rod.

Figure 1 is side elevation of the handle, as attached to the heel or tang of a saw. Fig. 2 is longitudinal transverse section at *x x*.

In the drawing, A represents a wooden handle, through which is longitudinally inserted the metallic rod B, whose top end is riveted in a washer, *b*, which prevents it from being withdrawn from the handle, in which it is free to rotate. The lower part of the rod is square in cross-section, and is longitudinally slotted to receive the heel of a crosscut-saw. C is a screw collar, sleeved on and fastened to

the lower end of the handle, which is reduced in diameter to receive it. D is a cylinder, closed at one end and internally screw-threaded to screw onto the collar C. It has a square opening in its head to slip over the rod B, which thus must turn with it. The screw-threads are preferably cut left-handed, as the motion of the nut D to the right is most natural to the workman when he wishes to clamp the saw. The nut D being screwed onto the collar, the heel of the saw is passed through the slot *a*, when it may be secured by screwing the nut partially off the collar, which clamps the saw between the nut and the lower end of the slot.

I hereby disclaim the patent of S. Disston, No. 84,095, November 17, 1868.

What I claim as my invention, and desire to secure by Letters Patent, is—

In combination, the hollowed handle A, fitted with the collar C and cylinder-nut D, and the slotted rod B, extending through the handle A and secured by a nut, *b*, the several parts constructed and arranged substantially as described and shown.

WM. K. STANSBURY.

Witnesses:

H. F. EBERTS,  
H. S. SPRAGUE.