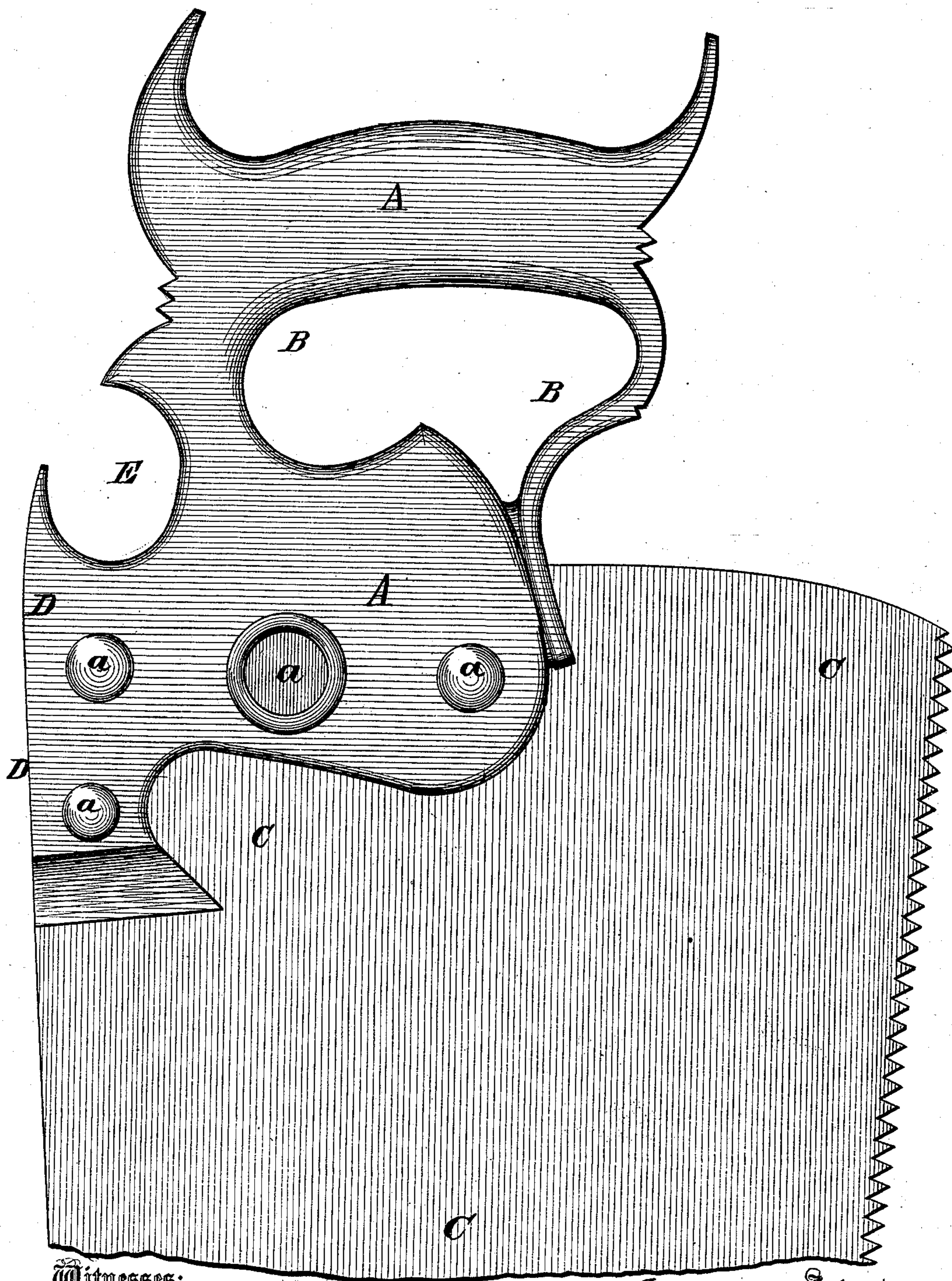


J. HOLDEN.  
Saw-Handle.

No. 216,091.

Patented June 3, 1879.



Witnesses:

*P. C. Dietrich*  
*Wm. Supperman*

Inventor

*Joseph Holden.*  
Per *C. H. Watson & Co.* Attorneys.

# UNITED STATES PATENT OFFICE

JOSEPH HOLDEN, OF MIDDLETOWN, NEW YORK.

## IMPROVEMENT IN SAW-HANDLES.

Specification forming part of Letters Patent No. **216,091**, dated June 3, 1879; application filed April 16, 1879.

*To all whom it may concern:*

Be it known that I, JOSEPH HOLDEN, of Middletown, in the county of Orange and State of New York, have invented certain new and useful Improvements in Saw-Handles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which forms a part of this specification, in which the figure represents a side elevation of a saw-handle and a portion of the saw, the said handle embodying my invention.

In the use of hand-saws it is very often desirable to use both hands, and handles have been heretofore constructed for that purpose, and when used with a saw it is sometimes called "a one-man's saw." These devices have been made such as a rest for the second hand, placed on the top of the saw-blade; also, by constructing the handles with two separate openings, one for each hand, and by making one continuous circular opening large enough for both hands. In these devices, however, there are objections to having a separate piece to use, which may be lost or mislaid, and also objections to the handles heretofore in use where provision has been made for two hands, as an excess of material must be used, or the cutting away of the same, if of the size of the ordinary handle, would weaken the handle.

To overcome these difficulties is the object

of my invention, which I accomplish by leaving a rest for the hand on the upper forward part of the handle, and providing an opening for the thumb in the rear of the same, by which means the second hand can exert as much power in use, downward and forward, as the hand grasping the ordinary handle.

A represents the handle; B, the usual opening for the hand; C, the saw, which is secured to the handle by the screw-bolts *a a a a*. D represents the rest on the top of the handle, in the rear of which is the circular or other convenient-shaped opening, E, for the thumb.

By this construction it will be seen that the thumb has a bearing to press forward, and if the fingers are over the rest D they can also exert a downward pressure. If desirable, the fingers may remain straight, resting upon the blade; but this is not advisable.

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

A hand-saw handle having the opening E, with the top projection to extend over the thumb, substantially as and for the purpose specified.

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

JOSEPH HOLDEN.

Witnesses:

WM. MILLSPAUGH,  
C. C. MADDEN.