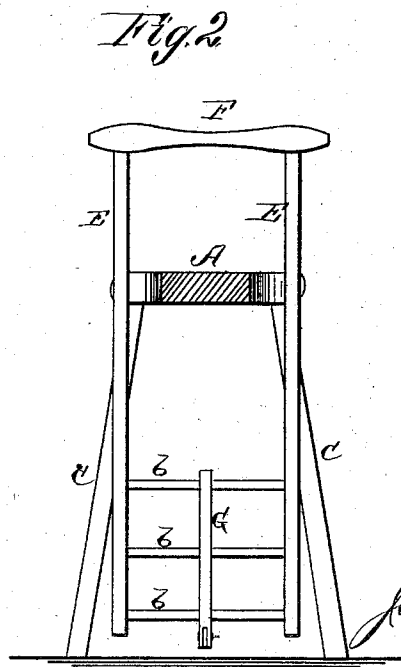
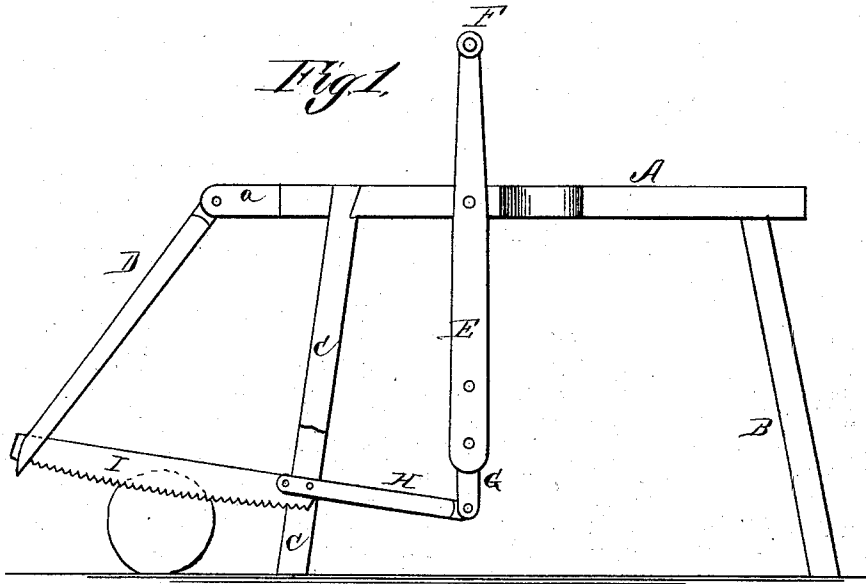


J. SHOWALTER.
Drag-Saw.

No. 217,416.

Patented July 8, 1879.



Witnesses:
W. C. McArthur
John Rogers

Inventor:
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Per

T. J. Alexander Elliott

Attorneys

UNITED STATES PATENT OFFICE.

JACOB SHOWALTER, OF RUSHVILLE, OHIO.

IMPROVEMENT IN DRAG-SAWS.

Specification forming part of Letters Patent No. **217,416**, dated July 8, 1879; application filed May 24, 1879.

To all whom it may concern:

Be it known that I, JACOB SHOWALTER, of Rushville, in the county of Fairfield and State of Ohio, have invented certain new and useful Improvements in Drag-Saws; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The nature of my invention consists in the construction and arrangement of a wood-sawing machine, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a side elevation of my machine. Fig. 2 is a cross-section of the same.

A represents a bench of any suitable dimensions, supported at the rear end by a leg, B, and at the front end by two diverging legs, C C. At the front end of the bench A is a projecting tongue, *a*, the end of which is slotted or forked, and in the same is pivoted a guide-arm, D. The lower end of this arm is slotted or forked, to fit over the back edge of the saw I.

At a suitable point on each side of the bench A is pivoted a lever, E, the upper ends of which are connected by means of a handle, F. The lower ends of the levers E E are connected by means of rounds *b b*, and these rounds

pass through a center bar, G, which projects a suitable distance downward, as shown.

In the lower end of the bar G is pivoted an arm, H, to the end of which the saw I is rigidly fastened.

The operator is to be seated on and straddling the bench A—the sides of the bench being cut out, as shown at *d*, for the legs of the operator—and then, taking hold of the handle F, work the levers E E backward and forward, thus working the saw.

The guide-arm D, being pivoted at the top, will accommodate itself to any-sized log, and to the position of the saw.

This machine is simple, cheap, and durable, and there is nothing liable to get out of order. The leverage is strong, and the machine can be easily operated.

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

The combination of the bench A, with legs B C and tongue *a*, the pivoted guide-bar D, pivoted levers E E, with handle F and rounds *b b*, bar G, arm H, and saw I, all constructed substantially as and for the purposes herein set forth.

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

JACOB SHOWALTER.

Witnesses:

JAMES F. MORROW,
T. B. SMITH.