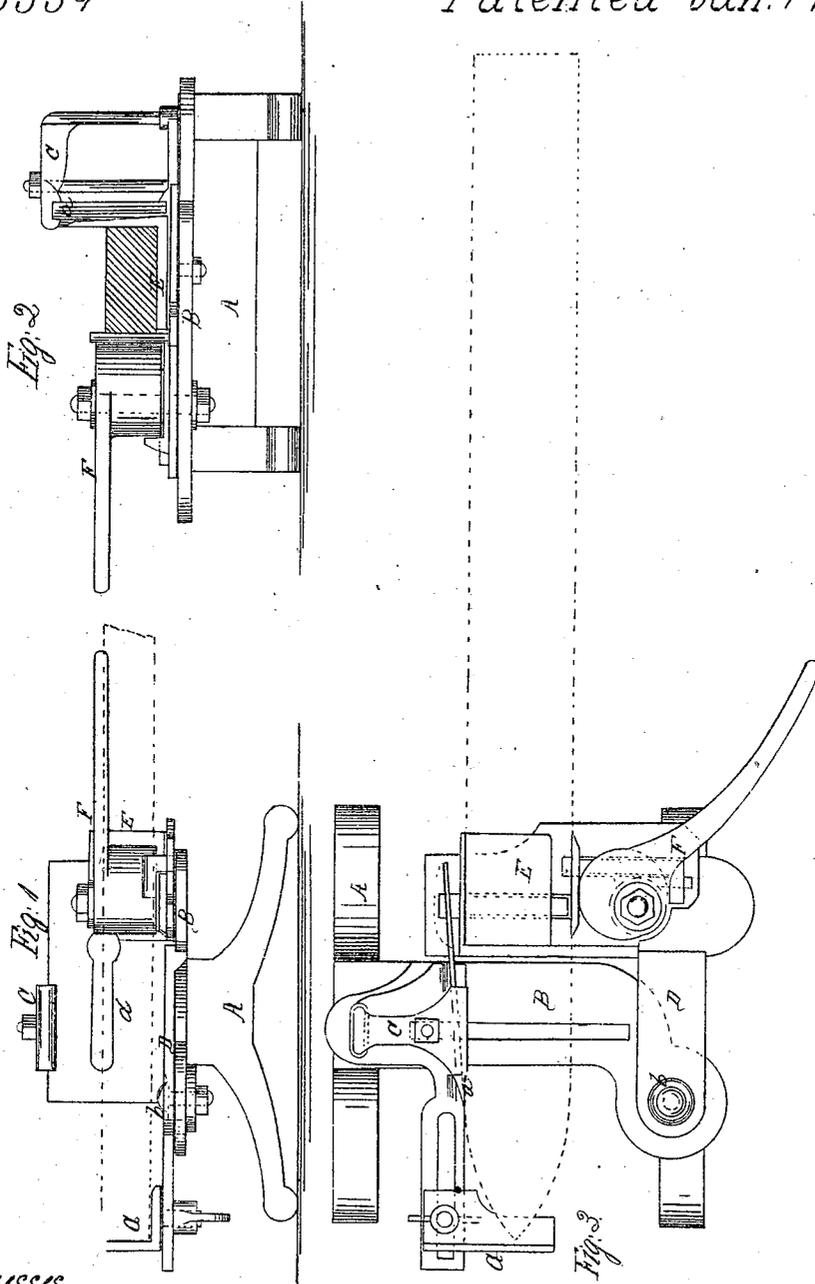


W. W. Johnson.
Pointing Pickets.

N^o 73339

Patented Jan. 14, 1868.



Witnesses
Chas. Lusk
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W. W. JOHNSON, OF NASHVILLE, TENNESSEE.

Letters Patent No. 73,339, dated January 14, 1868.

IMPROVEMENT IN MACHINES FOR POINTING PICKETS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, W. W. JOHNSON, of Nashville, in the county of Davidson, and State of Tennessee, have invented a new and improved Machine for Pointing Pickets, and for similar purposes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others 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 my invention.

Figure 2 is a rear end view of the same.

Figure 3 is a plan.

Similar letters of reference indicate corresponding parts.

The object of this invention is to point the ends of pickets or fence-palings, and cut circular sides or edges on other wood-work; and it consists in attaching an ordinary carpenter's plane-iron to an iron frame, on which is pivoted an arm for holding the picket or other article of wood in such a manner that by turning the said arm on its pivot with the picket, the plane-iron shall cut and dress one side of the end in the arc of a circle at one movement.

By this means pickets may be pointed or dressed to shape at the ends, with great expedition and accuracy, saving a great deal of labor required by the ordinary manner of performing this work.

A is a stand, to be fastened to a bench for supporting the bed-plate B of the machine. On one side of the bed-plate B is secured an adjustable clamp, C, in which is held a plane-iron, *a*, with its edge in a vertical position; and on the opposite side of the bed-plate a swinging arm, D, is pivoted at *b*, to turn horizontally with a sliding and adjustable clamp, E, operated by an eccentric-lever, F, for holding pickets of different sizes, placed in the clamp, as shown in red. In front of the plane-iron *a* is placed an adjustable slide, G, against which the end of a picket is placed while it lies in the clamp E, to regulate the pointing or cutting with the plane-iron.

When the picket is thus placed in position, as shown in the drawings, it is held tight in the clamp E by the eccentric-lever F, and then, by drawing upon the outer end of the picket, to act as a lever, it is swung around with the arm D in such a manner that the end of the picket is brought against the edge of the plane-iron, and is cut on one side in the arc of a circle.

This operation is performed on two or more sides of a picket, which is thus dressed or pointed quickly and accurately, as shown in fig. 3. The plane-iron clamp C and the arm D may be adjusted to cut the ends of the pickets or other articles in arcs of different diameters.

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

The swinging arm D, provided with the eccentric-lever F and the holding-clamp E, when constructed and arranged to operate the picket against the knife *a*, substantially as and for the purpose herein described.

The above specification of my invention signed by me, this 3d day of June, 1867.

W. W. JOHNSON.

Witnesses:

J. G. SAWYER,

J. A. MYERS.