

(No Model.)

O. SCHMACHTENBERGER.

MACHINE FOR POINTING FENCE PICKETS.

No. 273,614.

Patented Mar. 6, 1883.

Fig. 1.

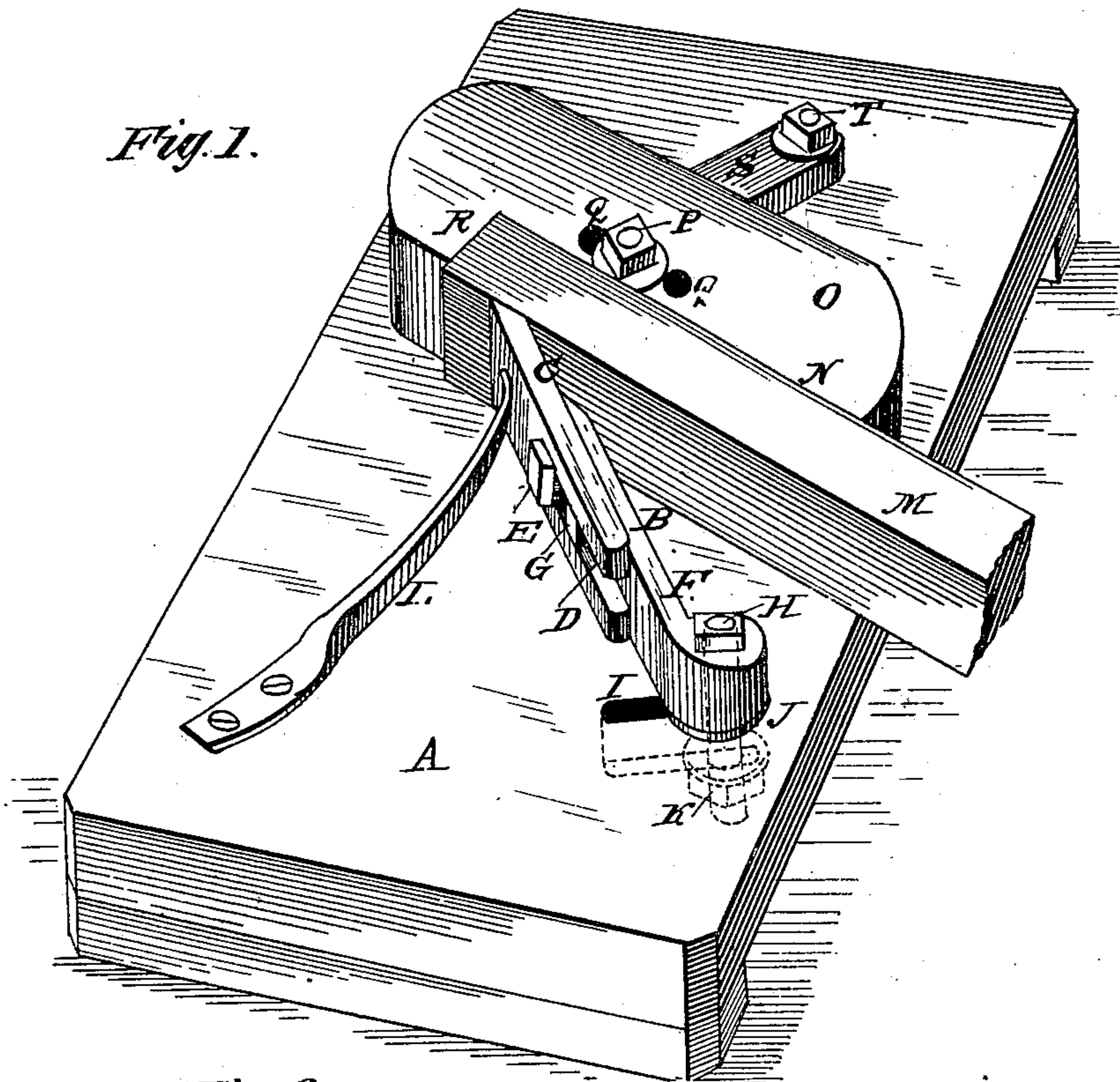
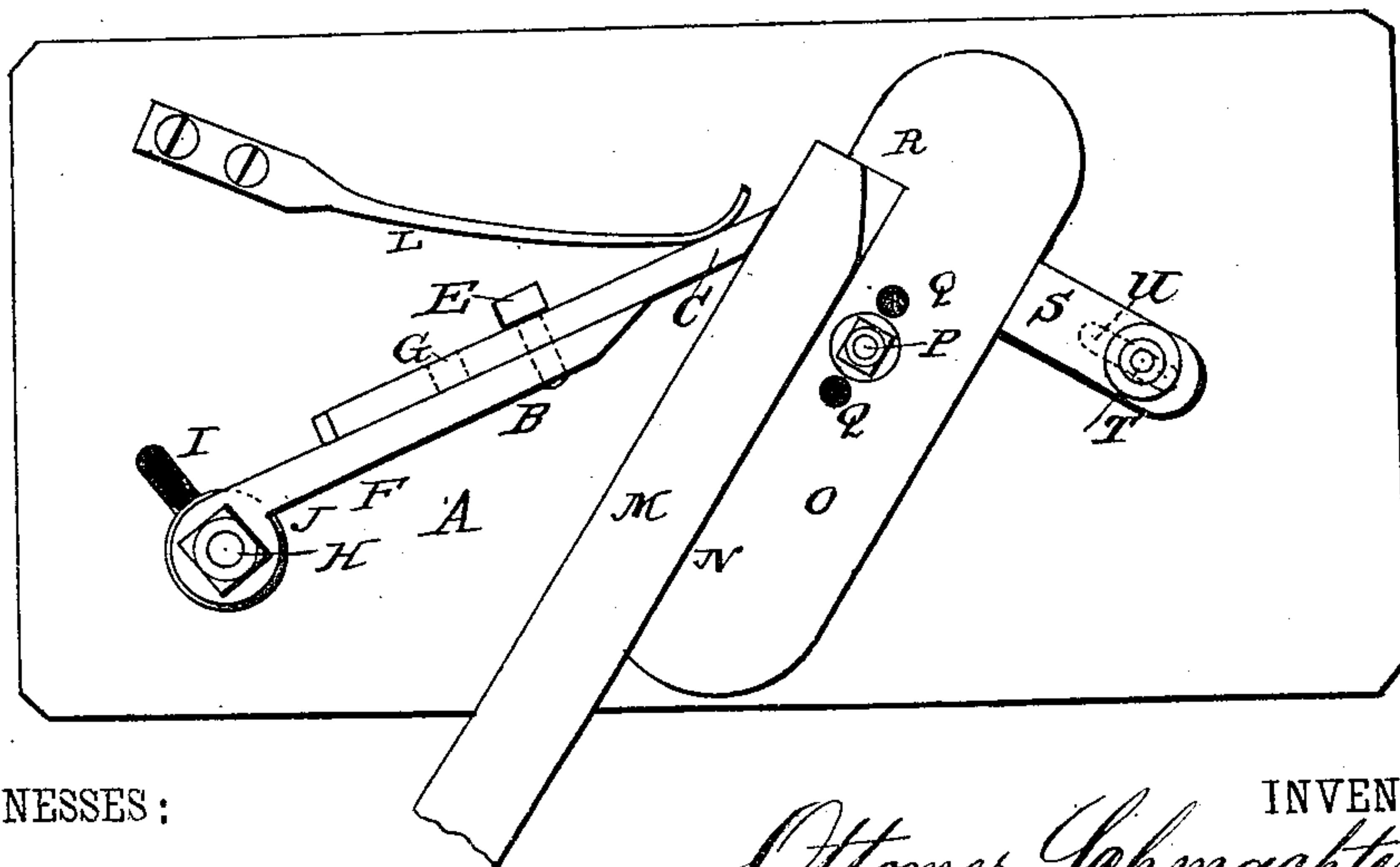


Fig. 2



WITNESSES:

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UNITED STATES PATENT OFFICE.

OTTOMER SCHMACHTENBERGER, OF MARSHALL, ILLINOIS, ASSIGNOR OF
ONE-HALF TO EDGAR SUMMERS, OF SAME PLACE.

MACHINE FOR POINTING FENCE-PICKETS.

SPECIFICATION forming part of Letters Patent No. 273,614, dated March 6, 1883.

Application filed January 8, 1883. (No model.)

To all whom it may concern:

Be it known that I, OTTOMER SCHMACHTENBERGER, of Marshall, in the county of Clark and State of Illinois, have invented certain new and useful Improvements in Machines for Pointing Fence-Pickets; 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 drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved machine for pointing fence-pickets, and Fig. 2 is a plan view of the same.

Similar letters of reference indicate corresponding parts in both the figures.

My invention has relation to machines for pointing fence-pickets; and it consists in the improved construction and combination of parts of the same, as hereinafter more fully described and claimed.

In the accompanying drawings, the letter A indicates the frame upon which the several parts are fastened, which may be, as in the drawings, in the shape of a plate or table, or may be an upright open frame having the several fastenings connected.

B is the cutter, which consists of a chisel-shaped blade, C, having a longitudinal slot, D, in its inner end, in which slot slides a screw-bolt, E, by which it is fastened to the arm F, and a lug, G, which serves as a guide to keep the chisel in position. The arm F is pivoted upon a bolt, H, which slides in a slot, I, in the frame, having a collar, J, which bears against one side of the slot, and a nut, K, which bears against the other.

L is a stiff spring, which bears against the end of the cutter, forcing it against the picket M, which is placed in the recess N in the arm O, which is pivoted upon a bolt, P, inserted through one of a series of holes, Q, near its center. The point of the picket is placed against the shoulder R, formed by the recess, and the picket is held close against the arm. By now turning the picket and the arm bearing its end against the cutter a chip is cut off, and by cutting from two or more sides the picket is brought to a point. The back of arm O strikes against a short block, S, when it is thrown back, which is fastened to the frame by a nutted bolt, T, sliding in a slot, U.

The machine is adjusted for cutting larger or smaller pickets by sliding the knife back or forward, while moving the arm O from one hole to another adjusts the pitch of the cut, and block S allows the arm to be thrown farther or less far back as it is adjusted farther from or nearer to the arm.

By moving bolt H in its slot the pitch of the knife may be changed according to the bevel of the cutting-edge, so that it will be seen that the machine can be adjusted to cut in any way desired.

I am aware that machines have been constructed for pointing fence-pickets in which the picket is placed upon a support and brought to bear against the pointing-knife by being rocked with the said support, the outer portion of the picket serving as an operating-lever, and I do not claim that construction, broadly; but

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

1. The combination of the cutter B, pivoted at H, having adjustable blade C and bearing against spring L, with the picket-holding arm O, adjustably pivoted at P, substantially as shown and set forth.

2. The machine for pointing pickets, consisting of the frame A, having slots I and U, cutter-bearing arm F, pivoted at one end upon screw-bolt H, sliding in slot I, and having fastening-screw E and lug G, cutting-chisel C, slotted at its inner portion and sliding adjustably upon screw E and lug G upon arm F, spring L, fastened upon the frame and bearing against the cutter, rocking picket-support O, having recess N, for the reception of the picket, and holes Q, for the reception of the pivotal bolt P, fastened upon the frame, and adjusting-block S, fastened to the rear of the support O upon screw-bolt T, sliding in slot U in the frame, all constructed, combined, and arranged to operate as and for the purpose shown and set forth.

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

OTTOMER SCHMACHTENBERGER.

Witnesses:

WILLIAM A. WILKINS,
WALTER COLE.