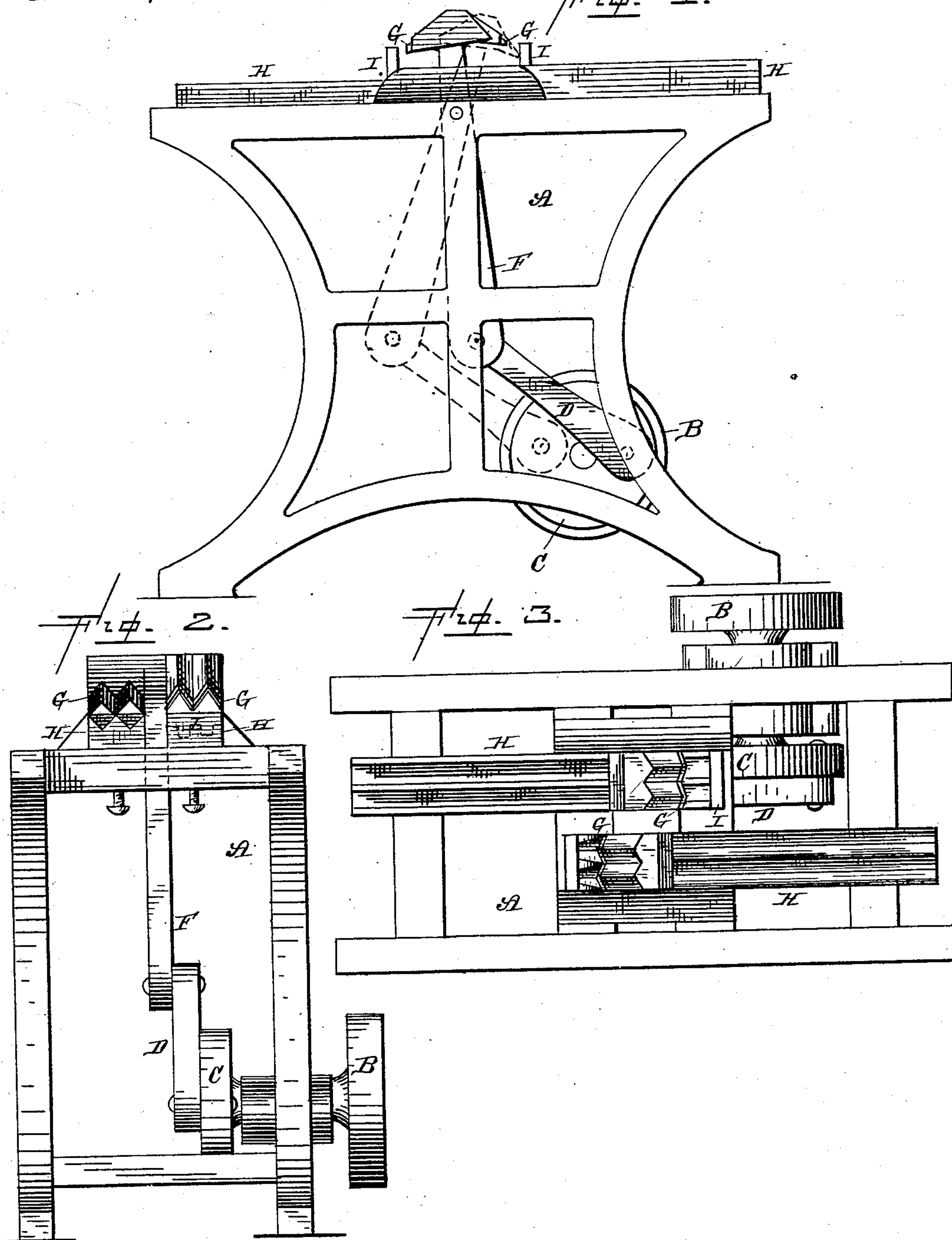


(No Model.)

W. G. HATCHER.
PICKET POINTING MACHINE.

No. 285,033.

Patented Sept. 18, 1883.



— Witnesses. —
Louis F. Gardner
J. W. Ganner

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per
J. A. Lehmann, atty.

UNITED STATES PATENT OFFICE.

WILLIAM G. HATCHER, OF ATLANTA, GEORGIA.

PICKET-POINTING MACHINE.

SPECIFICATION forming part of Letters Patent No. 285,033, dated September 18, 1883.

Application filed June 20, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM G. HATCHER, of Atlanta, in the county of Fulton and State of Georgia, have invented certain new and useful Improvements in Machines for Pointing Pickets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improvement in machines for pointing pickets; and it consists in the combination of a suitable frame, a driving mechanism, a pivoted lever provided with suitably-shaped cutters upon opposite edges, and suitable guides or ways in which the pickets are moved, as will be more fully described hereinafter.

The object of my invention is to provide a machine for pointing pickets, in which a pivoted lever-carrying cutting device is made to shape a picket at every movement in either direction.

Figure 1 is a side elevation of a machine embodying my invention. Fig. 2 is an edge view of the same. Fig. 3 is a plan view.

A represents a suitable frame of any desired construction. Journaled in the lower part of this frame is a suitable driving-shaft having a driving-wheel, B, upon its outer end, and a crank-wheel, C, upon its inner one. Fastened to this crank-wheel is a connecting-rod, D, which rod has its other end pivoted to the lower end of the rocking lever F. This lever F is pivoted above its center, and is provided upon opposite edges with suitably-shaped cutters, G. As the crank-wheel is made to revolve this lever F is made to rock back and forth, and the knives or cutters are made to cut at each movement in either direction.

Secured upon the top of the frame by set-screws are suitable guides or beds, H, which have grooves cut in their tops to correspond to the shape of the pickets, and which extend

along under the cutters, as shown. At the end of each bed is placed a stop, I, against which the ends of the pickets strike when forced into position, and against which they are held while the cutters are shaping their ends. The number of grooves in each bed will correspond to the number of knives or cutters employed. After the cutters have made one cut upon each picket the picket must be turned over, so that at the next stroke in the same direction the other side of the end will be cut in a corresponding manner. Every picket will require two cuts, so as to trim both edges of the end alike.

The shapes of the grooves made in the tops of the beds will be varied, and the shapes of the knives or cutters may be correspondingly varied, according to the shape of the pickets that are to be cut. One bed having grooves of a certain shape may be made to extend toward one end of the machine, and a second bed having differently-shaped grooves made to extend toward the other bed. In this case two persons can cut different-shaped pickets at the same time; but where the two beds are of a similar shape two persons can feed the pickets from opposite ends.

Having thus described my invention, I claim—

The combination of a suitable frame, suitable guides or beds, which are placed upon its top, and which have their inner ends to extend past the pivotal point of the cutter, and a suitable cutter or cutters, which are secured to the upper end of the pivoted lever, and an operating mechanism for reciprocating the lever, whereby the cutters upon the upper end of the lever are made to alternately cut the picket held or placed upon the guides or beds, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM GREEN HATCHER.

Witnesses:

ALEXANDER J. YOUNG,
JOSEPH D. ELLIOTT.