

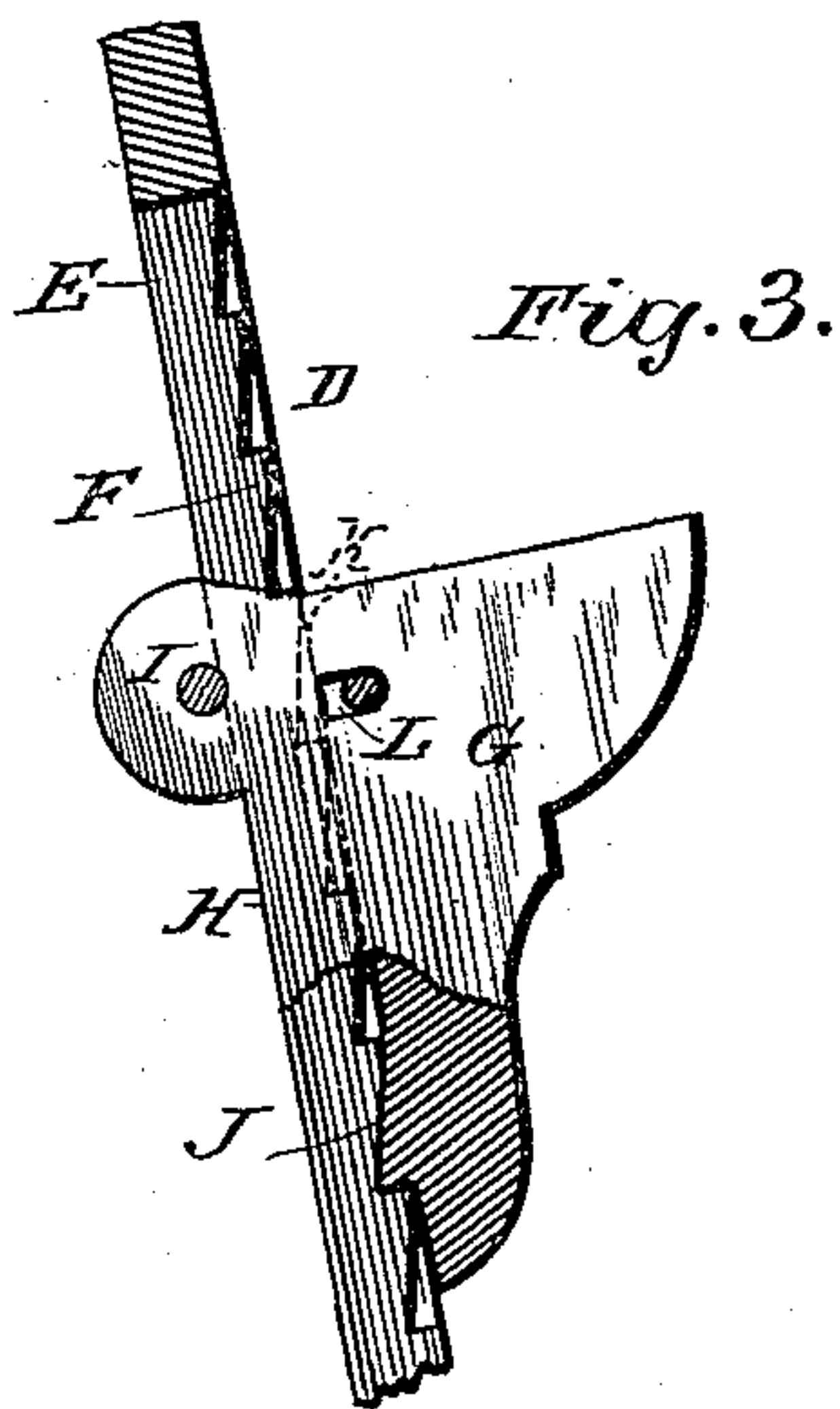
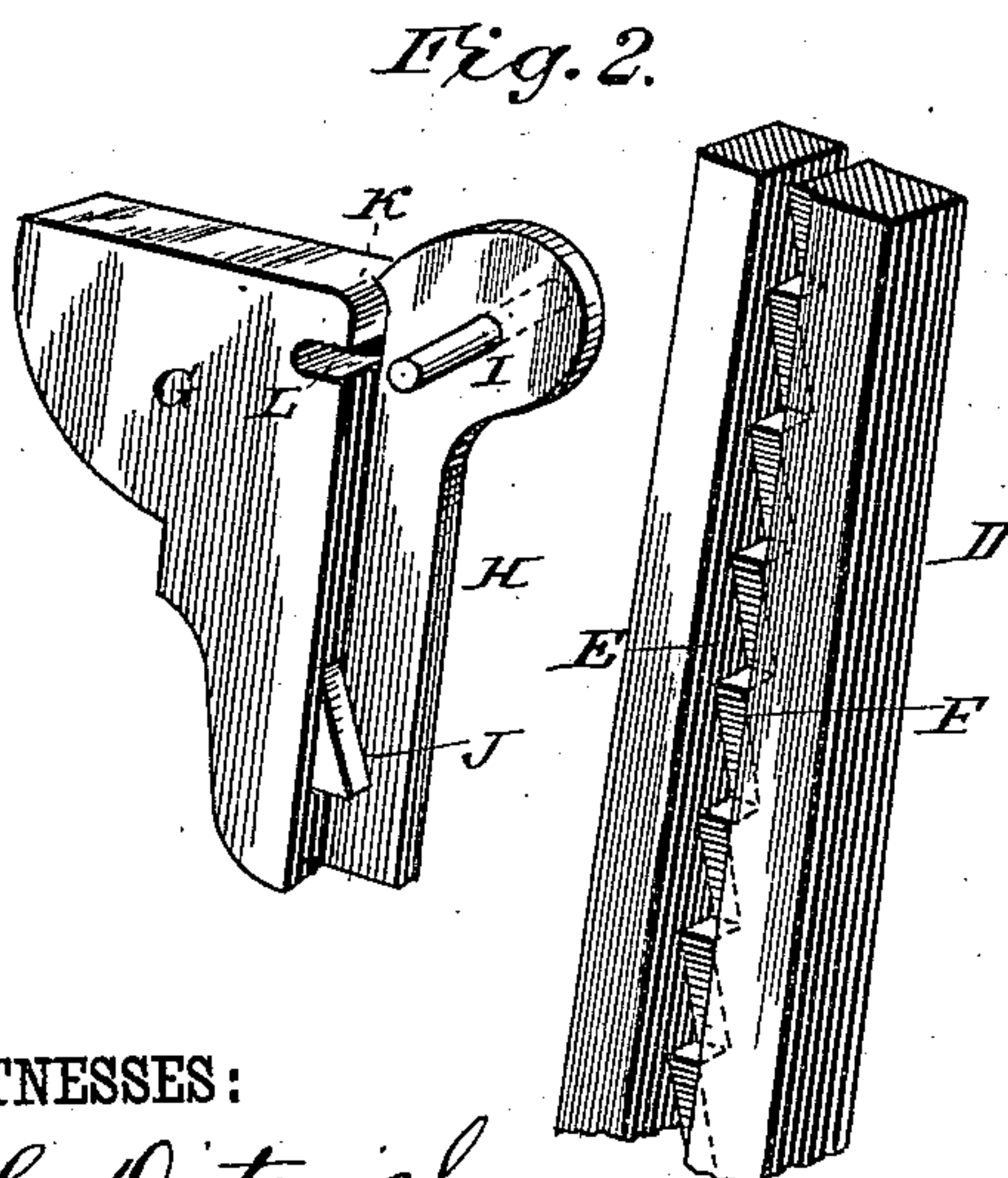
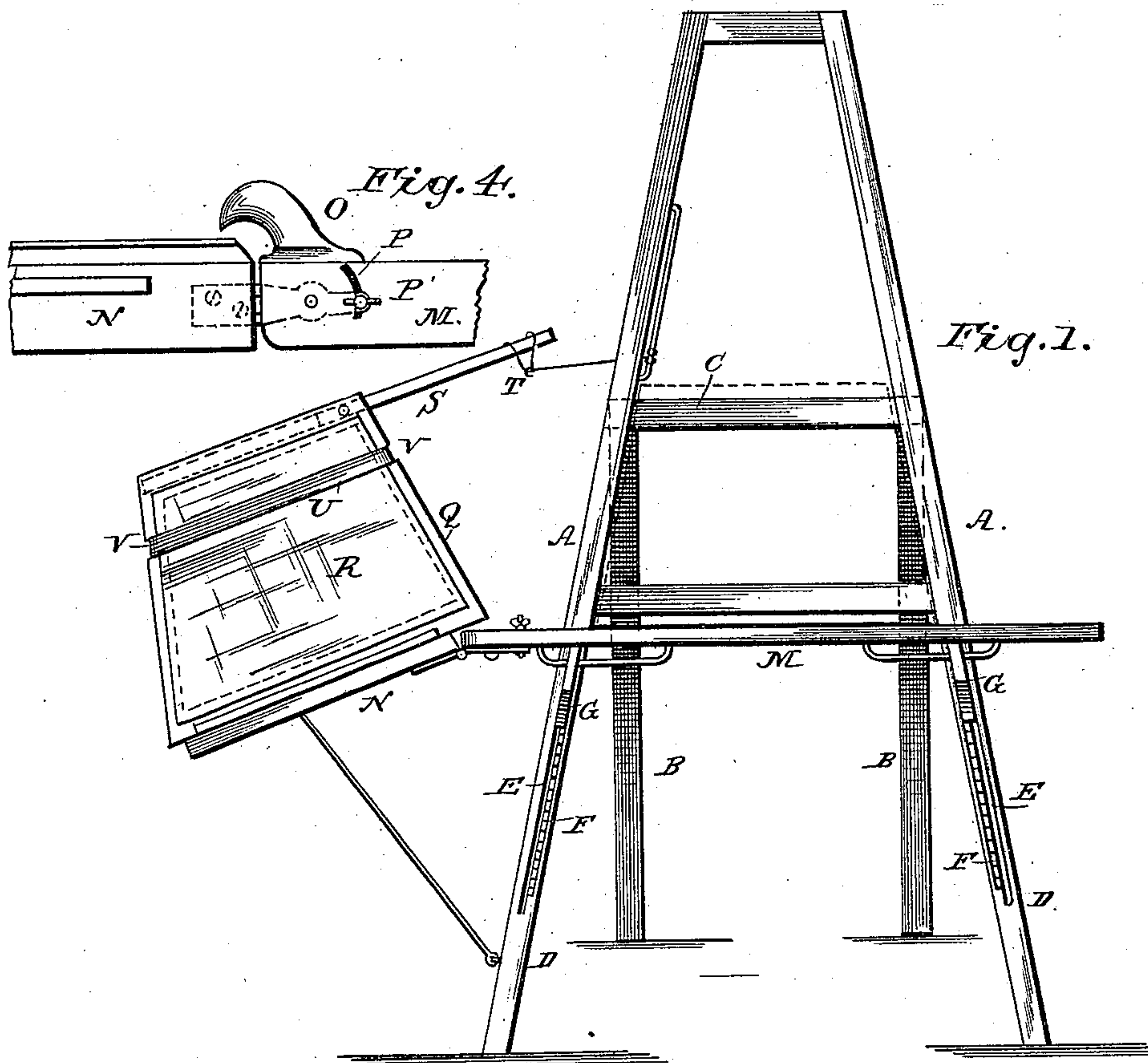
(No Model.)

D. K. WOODWARD.

EASEL.

No. 292,086.

Patented Jan. 15, 1884.



WITNESSES:

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UNITED STATES PATENT OFFICE.

DELBERT K. WOODWARD, OF LORDSTOWN, OHIO.

EASEL.

SPECIFICATION forming part of Letters Patent No. 292,086, dated January 15, 1884.

Application filed November 2, 1883. (No model.)

To all whom it may concern:

Be it known that I, DELBERT K. WOODWARD, of Lordstown, in the county of Trumbull and State of Ohio, have invented a new and useful Improvement in Easels, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, forming part of this specification.

This invention relates to certain improvements on the easel shown in Letters Patent No. 280,279, granted to me under date of June 26, 1883.

In the drawings, Figure 1 is a front elevation of my improved easel, and Fig. 2 is a perspective view of the shelf-bracket and a part of a leg of the easel adapted to receive the bracket, the said parts being shown as detached from each other. Fig. 3 is a longitudinal section of a part of said leg, showing the bracket in engagement therewith; and Fig. 4 is a plan view of a part of the shelf.

A indicates the easel-frame, having the short rear leg or legs, B, attached to the cross-bars C near the transverse center of the frame. The front legs, D D, of the easel-frame are provided with longitudinal slots E, as in my patent above referred to, and along one side of each of these slots is arranged a rack-bar, F, or a series of notches, for supporting the brackets G. The bracket G has a rib or flange, H, which fits into the slot E, and is secured therein by a pin, I, inserted into the rib H just back of the leg of the easel, or by any other suitable means, while the bracket is provided with a lug, J, which is adapted to rest in one of the notches of the rack-bar, to support the bracket at any desired elevation on the frame A. The rib serves as a guide for the bracket in moving the latter up and down the slot, which movement is to be performed by first drawing the lower end of the bracket out from the leg D, to disengage the lug J from the rack-bar F, and then raising or lowering the bracket, as may be desired. To facilitate moving the lower end of the bracket out from the leg D, the shoulder K at the upper end of the bracket is rounded off, as shown. The shelf of the easel may be attached to the brackets by means of wire guards passed through openings L in the brackets, in the manner shown in my former patent, or in any other convenient and

obvious manner. The shelf M, which is supported on the two brackets G, has a hinged section or extension, N, as shown herein, and also in my patent above named. The object of the extension N, which is adapted to be adjusted either horizontally or vertically, is to provide means for conveniently holding a picture which is to be copied by the artist. I have added to this shelf a curved extension, O, having the form of a hook, which is intended for the double purpose of a support, in connection with the extension N, for a copy to be imitated, and of a holder for the lower end of the hand-rest when the latter is hung up, as shown in my other patent. As a means of adjusting the extension N in a horizontal plane, I have shown a curved slot, P, in the shelf M, and a set-screw, P', instead of the series of holes and the pin formerly used. As a back support for small pictures upon the easel, I provide a removable frame, Q, having canvas R or other suitable material stretched over the same.

To the upper edge and near one corner of the frame Q is pivoted a bar, S, which is adapted to be folded behind the said frame when not required for use. When the bar S is turned to the position shown in the drawings, it serves as an arm for the frame Q, which may be supported on the extension N in an inclined position, and held in said position by the hook T, which grasps the bar S. In this position the frame Q serves as a back for the extension N, against which the copy may be supported. The hook T is connected to a cord which is tied to a ring upon an upright guard on the frame A, as in my other patent, to adapt it to be adjusted to a higher or lower position, according to the size of the copy or the inclination or elevation of the extension N.

In the edges of frame Q, at opposite sides, are notches V, with which engages an endless rubber band, U, which is stretched around the frame, as a means of holding a picture or copy against the canvas R.

What I claim is—

1. The easel-frame having the short rear leg or legs attached to the cross-bar C near the center of the easel, and the back formed of the canvas or other suitably-covered frame, substantially as shown and described.

2. The canvas-covered frame Q, having the pivoted rod or bar S and notches V, and tape U, substantially as shown and described.

3. The combination of the frame A, the inclined section of shelf N, the canvas frame Q, having bar S, and the hook T, for grasping said bar, substantially as shown and described.

4. The easel-bracket G, having rib or flange H, pin I, lug J, and rounded shoulder K, substantially as shown and described.

5. The combination of bracket G, having

rib H, pin I, and lug J, the easel-leg D, having slot E, and the notched surface or rack-bar F, all arranged and adapted to operate substantially as described.

6. The easel-shelf having extension N and hooked extension O, substantially as shown and described.

DELBERT K. WOODWARD.

Witnesses:

E. D. KENNEDY,
JOHN M. SEARS.