

(No Model.)

G. W HUTCHINS.
Lasting Jack.

No. 232,506.

Patented Sept. 21, 1880.

Fig. 1

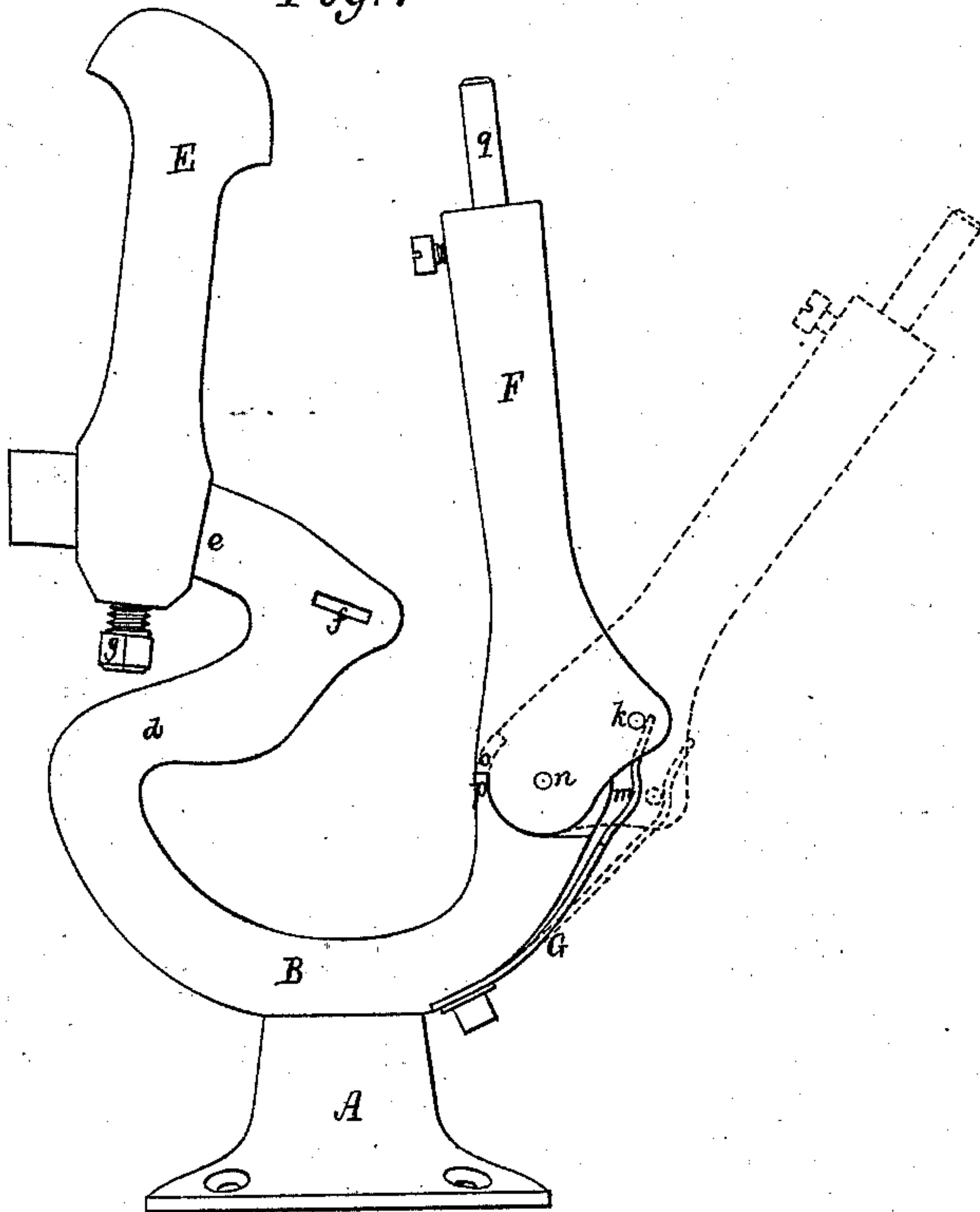


Fig. 2.

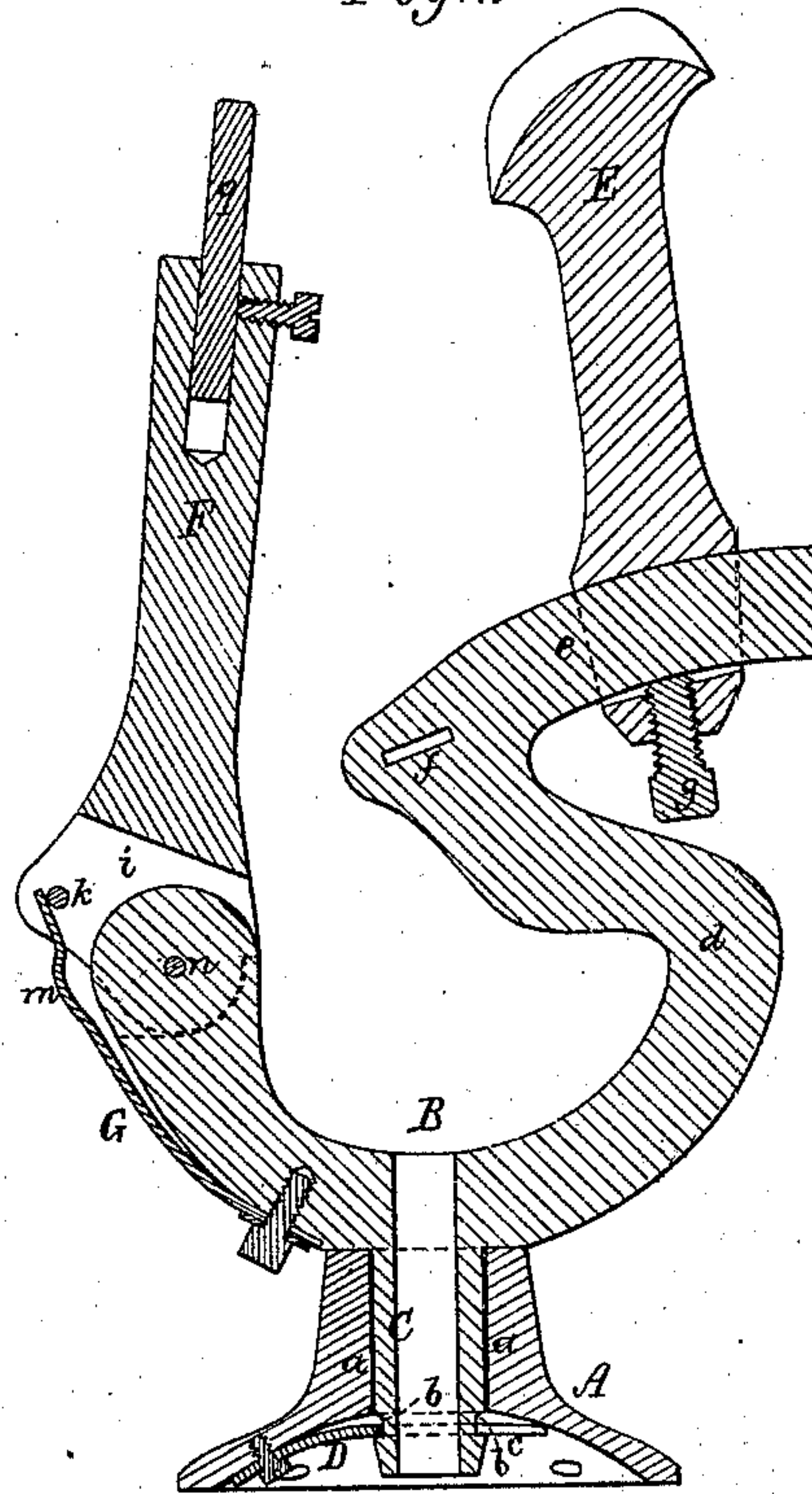
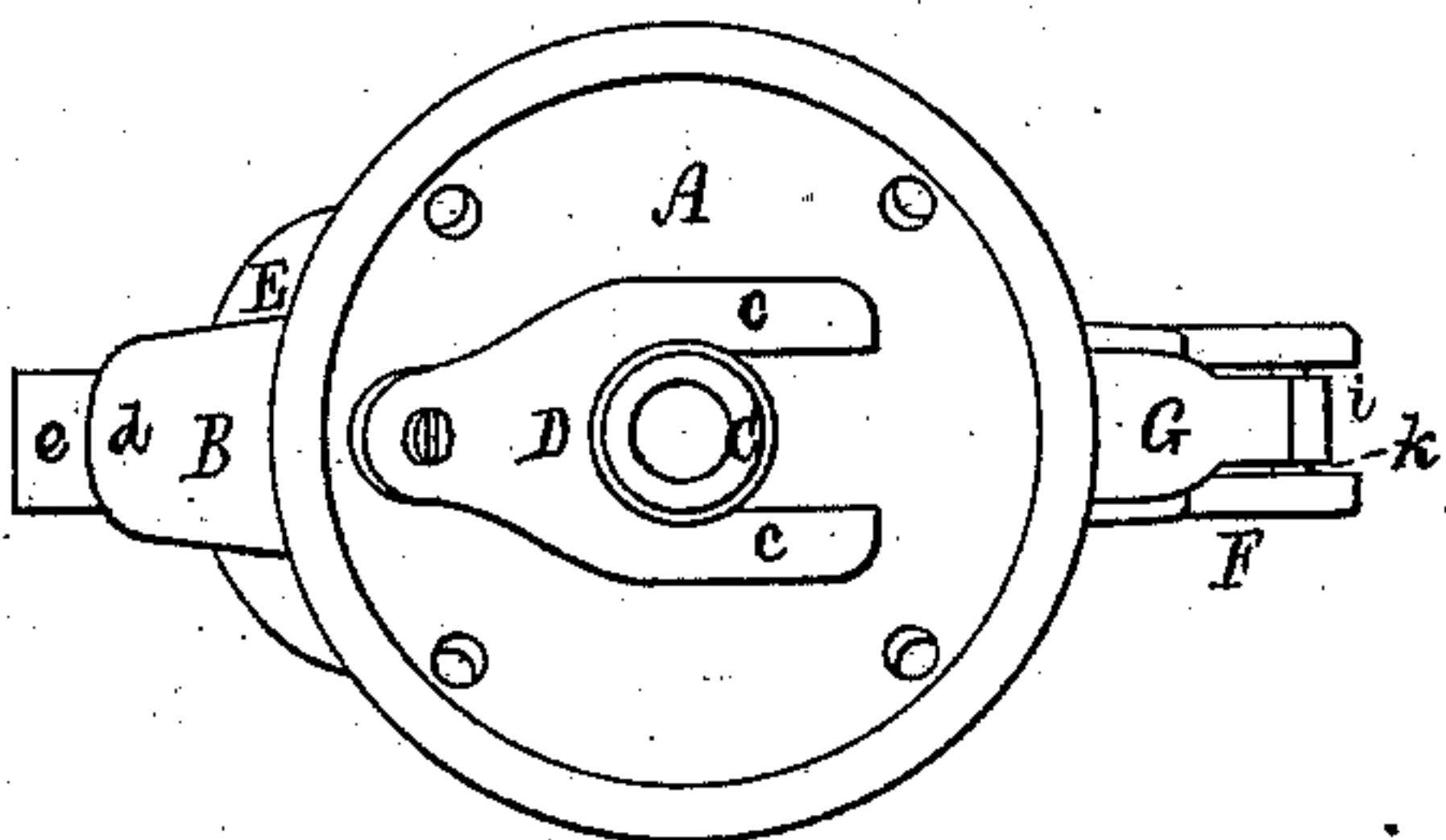


Fig. 3.



Witnesses.

S. N. Piper
Wm W. Spent

Inventor.

George W. Hutchins.

by R. H. Eddy atty.

UNITED STATES PATENT OFFICE.

GEORGE W. HUTCHINS, OF DOVER, NEW HAMPSHIRE, ASSIGNOR TO
TRISTRAM H. FLETCHER AND GEORGE W. TASH, OF SAME PLACE.

LASTING-JACK.

SPECIFICATION forming part of Letters Patent No. 232,506, dated September 21, 1880.

Application filed July 29, 1880. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. HUTCHINS, of Dover, of the county of Strafford and State of New Hampshire, have invented a new and useful Improvement in Lasting-Jacks; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a side elevation, Fig. 2 a vertical section, and Fig. 3 a bottom view, of a jack embracing my invention, the nature of which is defined in the claims hereinafter set forth.

In the said drawings, A denotes the base which serves to support the curved body B of the jack. This body has a tubular journal, C, extending down from it into a bearing, a, in the base, such journal having a groove, b, formed in and around it to receive the prongs c c of a strong furcated spring, D, which, arranged with the base in manner as shown, and fastened thereto, operates to draw the body B closely down upon the top of the base. The spring so applied to the base and journal not only serves to hold them in connection, but to admit of the body of the jack being revolved with due friction on the base. The said body is provided with a "goose-neck," d, from which there is projected a curved head, e, through which, at or near its junction with the goose-neck, is a slot, f, to receive a strap when the latter is used for holding a last and an upper and sole thereon firmly down upon the jack. The curved head e extends through the lower part of the toe-rest E, which, formed as shown, is adapted to the curved head, so as to slide on it lengthwise. A set-screw, g, screwed into the lower part of the toe-rest and against the head, serves to clamp the toe-rest in position.

The heel-rest of the jack is shown at F, it being hinged to the body at its rear part, so as to be capable of being moved either toward or away from the toe-rest, as occasion may require. This heel-rest has extending across the opening i in its lower part a pin, k, which is firmly fixed in place, as represented. It bears

against the upper portion of a catch-spring, G, which, arranged as shown, is fastened at its lower part to the jack-body. In this catch is a recess or bend, m, which, when the heel-rest is drawn back into the position shown by dotted lines in Fig. 1, receives the cross-pin K, and with it serves to retain the said heel-rest therein. The pin is arranged above the hinge-pin n of the heel-rest, in order for the spring to force the heel-rest toward the toe-rest until such heel-rest is estopped by a shoulder, o, formed on it, as shown, bringing up against a shoulder, p, formed on the jack-body.

The heel-rest, like those of various other jacks, has projecting up from its top a tenon, q, to enter a corresponding hole in the last, the said tenon and the catch-spring serving to press the toe portion of the last firmly down upon the upper part of the toe-rest, the latter being capable of adjustment to adapt it and the heel-rest to a last of any of the usual sizes.

The heel-rest readily admits of a boot-leg extending down and around it without being liable to be inconveniently or injuriously folded.

What I claim in the said described jack is as follows, viz:

1. The heel-rest hinged to the body and provided with the cross-pin, in combination with the catch-spring having the recess or bend, and arranged and fixed to the body, essentially as set forth.

2. The body provided with the grooved journal, in combination with the base provided with the forked spring arranged in it, and with the said journal and its groove, substantially as explained.

3. The jack-body having the goose-neck and curved head, as described, and the heel and toe rests, catch-spring, and cross-pin, arranged and combined as set forth.

GEORGE W. HUTCHINS.

Witnesses:

JOHN C. CAVERLY,
CALEB F. WHITCHER.