

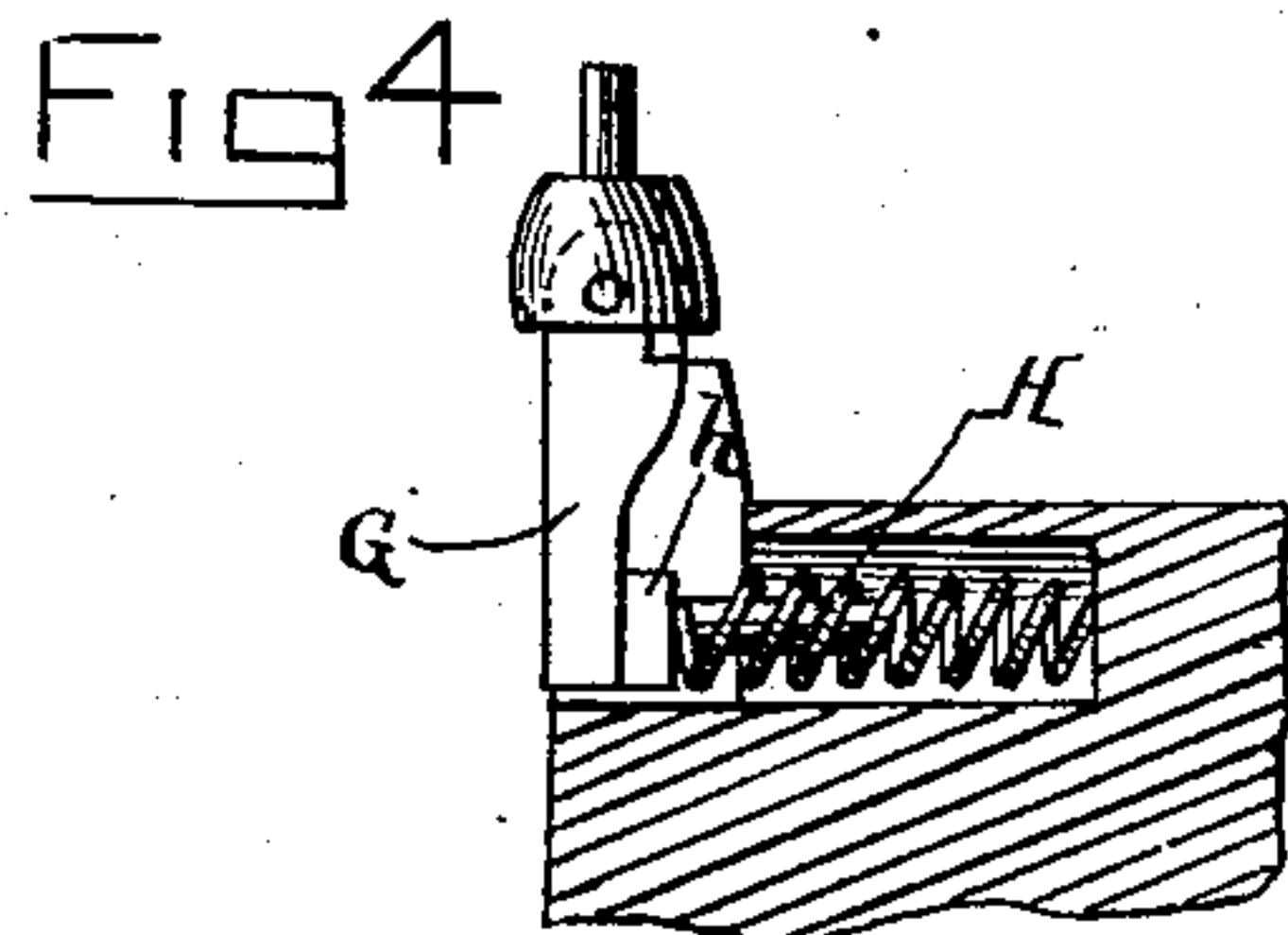
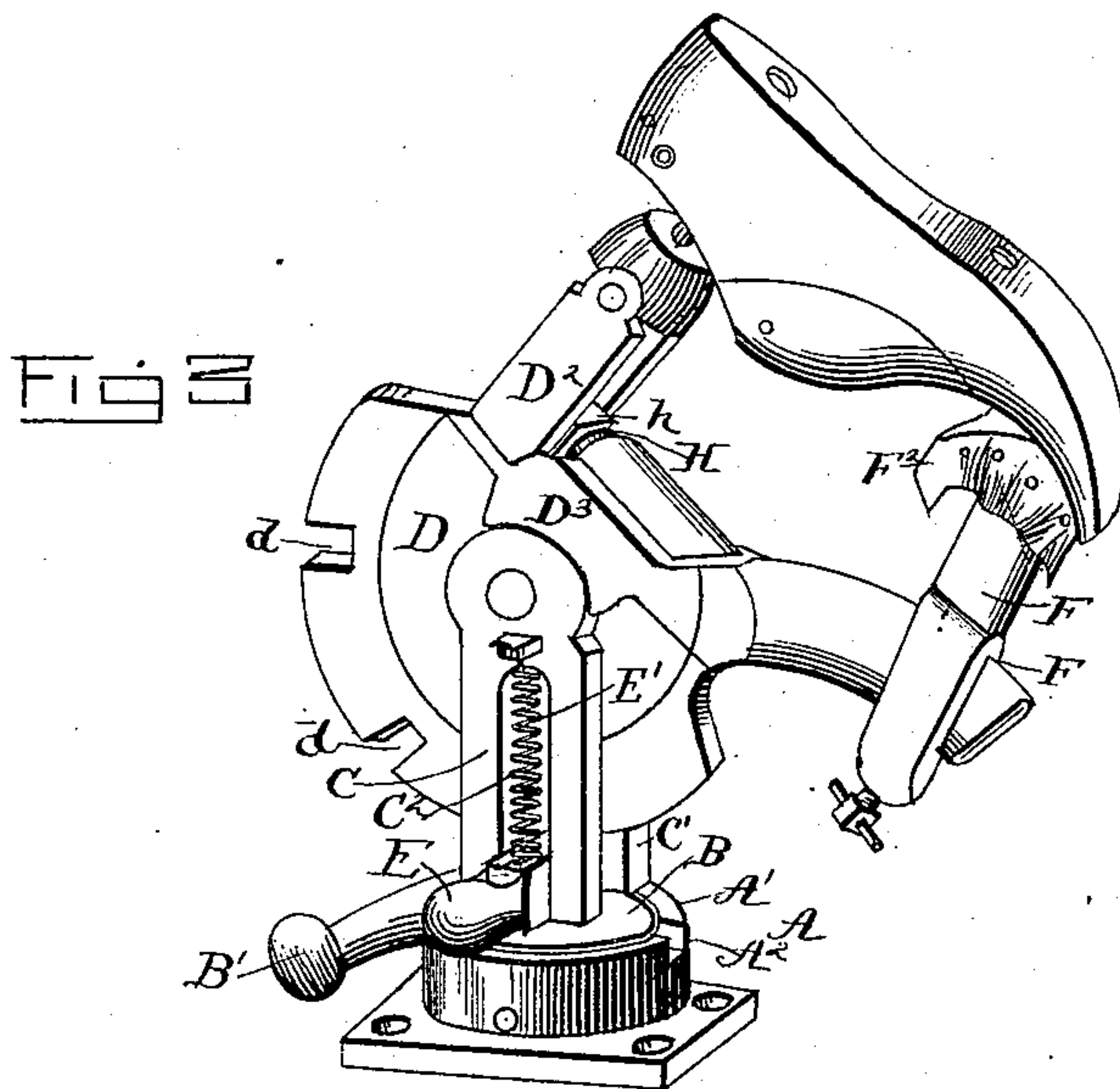
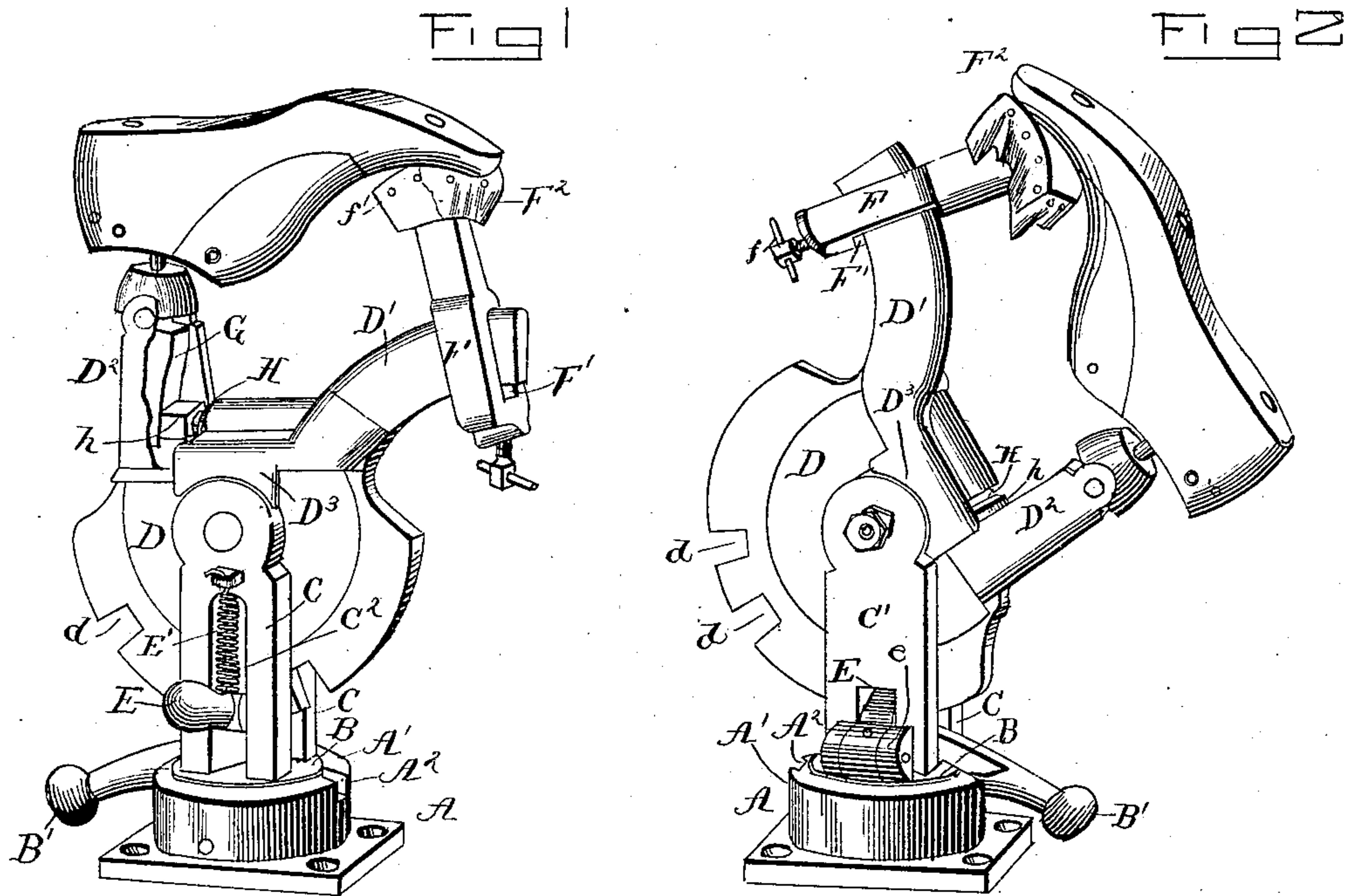
(No Model.)

M. O'FALLEN.

LASTING JACK.

No. 308,091.

Patented Nov. 18, 1884.



WITNESSES:
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UNITED STATES PATENT OFFICE.

MICHAEL O'FALLEN, OF WEST BRIDGEWATER, MASSACHUSETTS.

LASTING-JACK.

SPECIFICATION forming part of Letters Patent No. 308,091, dated November 18, 1884.

Application filed July 26, 1884. (No model.)

To all whom it may concern:

Be it known that I, MICHAEL O'FALLEN, a citizen of the United States, residing at West Bridgewater, in the county of Plymouth and State of Massachusetts, have invented certain new and useful Improvements in Lasting-Jacks; and I do 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to boot and shoe jacks, and comprises a turn-table, slotted standards mounted thereon, the last-holding devices provided with a segmental notched plate pivoted and operating between said standards, and the levers whereby the parts may be adjusted and held in any desired position convenient for their manipulation. It comprises other novel construction, which will be hereinafter more fully described and claimed.

In the drawings, Figures 1, 2, and 3 are perspective views of my jack. Fig. 4 is a detached section of part of the last-holding devices.

The base A is formed with annular flange A', provided at suitable points with notches A². The plate B is journaled on the base within the flange A', and has a lever, B', pivoted at one end to it so said lever may be used in turning the plate on the base or be adjusted into engagement with the notches A², to retain the plate and the parts carried thereby at any proper point. Standards C C' are mounted on plate B. The standard C is slotted longitudinally at C², to permit the motion of the lever presently described. The upper end of these standards is rounded, as shown, for the purposes more fully described hereinafter.

The last-holder consists of the segmental plate D, the arms D' D², and the heel and toe pieces. The plate D is pivoted at about the center of the arc of its curved edge between the upper ends of the standards C C', and is provided on its curved or lower edge with notches d. The detent-lever E is pivoted at one end, e, and extends under the notched edge of the segment-plate, and has its other end

given an upward tension by a spring, E', as shown in Figs. 1 and 3, so as to force said detent E into engagement with the adjacent notch and yet permit its movement out of such engagement when it is desired to turn the plate on its pivot in order to adjust it into various positions, as is desirable in the use of the device. The arm D' is curved forward and slightly upward from the upper forward edge of the plate. The toe-piece F has its lower end slotted at F', and fitted over the arm D', along which it may be adjusted and be secured at any point by clamping-screw f. The upper end of the piece F is provided or formed with the block F², preferably having wooden pins or blocks f' seated therein to receive the pins or tacks whereby the leather covering is attached. The arm D² is formed with two standards set slightly apart. The heel-block G is pivoted between these standards near their upper ends, and is adapted above said pivot to fit the socket of the last, and projects below said pivot almost to the edge of the plate, where its forward edge is pressed against by the spring H. I prefer to chamber this spring, as shown, and provide it with a bearing-piece, h, as thereby it is protected from tampering, its tension is limited to its longitudinal direction, and better results are secured. The plate D is formed above and near its pivot with lateral lugs or ears D³, conformed on their under edges to the curved tops of the standards, and fit closely thereagainst. Thus the hammering and strain exerted on the last in pegging, polishing, &c., is borne partly by the standards, and the pivots thereby relieved to such extent. When the last is put on the heel-piece and the toe raised onto its block, the spring H, bearing against the lower end of the heel-piece, will force the toe of the last firmly against its block, and thus hold the last approximately rigid when in use. By the turn-table and the notched plate and detent the last may be thrown into any proper position desirable for the manipulation thereof, as will be understood from the drawings and foregoing description.

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

1. The combination of the standard, the

notched plate provided with means whereby to support the last, and pivoted to and arranged in a plane approximately parallel to the standard, and a detent, substantially as set forth.

2. The combination of the base, the plate B, pivoted thereon, the lever B', the standard, the notched segmental plate, and the detent, substantially as set forth.

3. The combination of the standard having rounded upper ends, the plate pivoted between the standards, and having lugs projected from its opposite sides over and conformed to the rounded ends of the standards, and the last-holding devices mounted on the plate, substantially as set forth.

4. In a lasting-jack, the combination of the support provided at one end with a toe-piece and at its other end with uprights, and having a tubular chamber formed between the base of such toe-piece and uprights, and opening toward the latter, a heel-piece pivoted to the upper end of said uprights, and a spring encased

in said tubular chamber, and bearing against the lower end of the heel-piece, substantially as set forth.

5. The combination, with the plate D, provided with arms D' and D², of the toe-piece F, the pivoted heel-piece G, and the spring H, substantially as set forth.

6. The improved lasting and pegging jack substantially as described, consisting of the base A, having flange A', notched at A², the plate B, provided with standards C C', the segmental plate D, pivoted between said standards, and provided with notches d d and arms D' D², the toe-piece F, heel-piece G, spring H, and levers B' E, as and for the purposes specified.

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

MICHAEL O'FALLEN.

Witnesses:

JOSEPH TOOKER,
HOSEA KINGMAN.