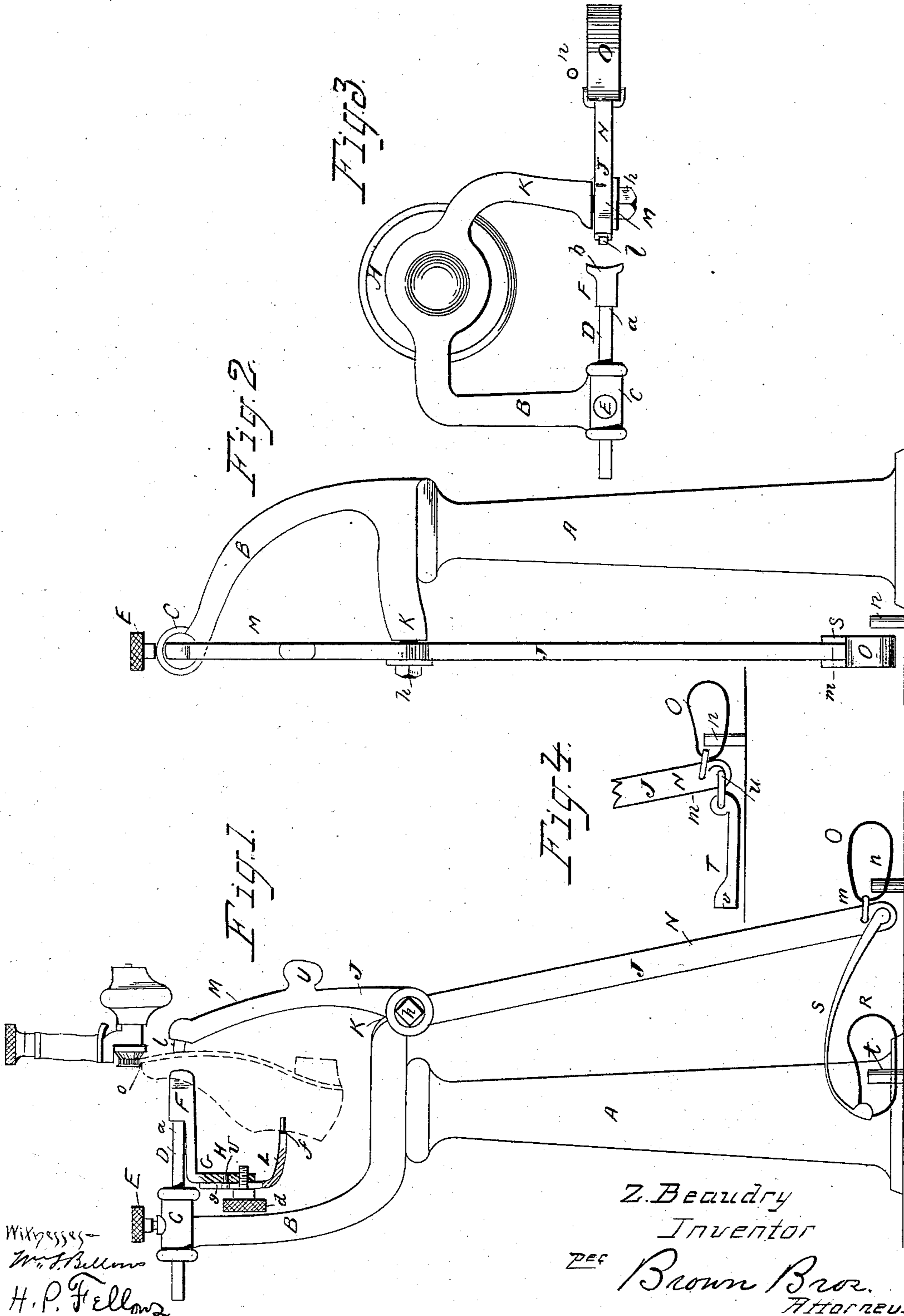


(No Model.)

Z. BEAUDRY.
JACK FOR BOOTS OR SHOES.

No. 316,867.

Patented Apr. 28, 1885.



Witnesses—
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UNITED STATES PATENT OFFICE.

ZOTIQUE BEAUDRY, OF LYNN, MASSACHUSETTS.

JACK FOR BOOTS OR SHOES.

SPECIFICATION forming part of Letters Patent No. 316,867, dated April 28, 1885.

Application filed December 18, 1883. Renewed December 15, 1884. (No model.)

To all whom it may concern:

Be it known that I, ZOTIQUE BEAUDRY, of Lynn, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Jacks for Boots or Shoes, of which the following is a full, clear, and exact description.

This invention relates to jacks for holding and supporting boots or shoes while the edges of their soles are being burnished; and the invention consists in the construction and arrangement of parts of a jack for boots and shoes, all substantially as hereinafter fully described.

In the accompanying plate of drawings is illustrated a jack constructed and arranged for operation according to this invention, Figures 1 and 2 being views in side elevation at right angles to each other. Fig. 3 is a plan view, and Fig. 4 is a detail side view.

In the drawings, A represents a stand or support for the working and other parts of the jack. On the upper end of an arm, B, of the stand A is a horizontal sleeve, C, in which a rod, D, is arranged so as to freely slide backward and forward, and to be held from movement when desired by a set-screw, E, in the sleeve C. On the end *a* of the rod D is a head-piece, F, arranged to swivel or rotate on said rod, and having its outer end concave, as shown at *b*, Fig. 3. Attached to the head-piece F is an arm, G, in two parts, H and L, the part H extending from said head-piece toward the arm B and then in a downward direction, on which portion is attached the part L, being bent substantially as shown for its end *f* to be below or opposite to the head-piece F, as shown more particularly in Fig. 1, such end *f* being adapted to fit in a suitable socket in the last in the boot or shoe being operated upon. The set-screw *d* passes through a longitudinal slot, *g*, in the part L, and screws into part H, by which the part L can slide on the part H and be adjusted as to its distance from the head-piece F as desired, and held to such adjustment by screwing up said set-screw. A pin, *v*, secured to the part H and projecting into the slot *g*, prevents lateral movement of the part L on the part H, but allows free movement of the same for its adjustment, as described.

J is a lever pivoted at *h* to an arm, *k*, of the stand, its upper arm, M, at its end *l* being round in cross-section and projecting toward, opposite to, and in a line coincident with the central longitudinal line of rod D.

The boot or shoe which is to have its sole-edge burnished is placed by its toe portion against the hollow face *b* of the head-piece F, said face *b* corresponding substantially in its concave line with the last in the shoe and to the outline of the upper of the boot or shoe at its toe and the end *f* of arm G inserted in a hole in the last in the boot or shoe, the rod D having been adjusted as to the projection of its end *a* from the sleeve C for the boot when held against its head-piece F to be in proper position to be so held and to be operated upon by the burnisher-tool. The lever J is then swung so that its arm M, by its end *l*, will abut against the treading-surface of the sole of the boot, and is held firmly in such position, thus securely holding the boot while being operated upon, all as shown in Fig. 1, the boot being in dotted lines.

To operate the lever and hold it in such position, the lower arm, N, has at its end *m* a loop, O, attached to it, made of leather or of any suitable material, in which loop the operator places his right foot, and, pressing his toe against the right side of the pin *n* on the floor or stand for a fulcrum, swings his foot to the right, carrying with it the arm N of lever J, and consequently moving the end *l* of the upper arm, M, against the boot, as described, which is thus held firmly in its position. When so held, to burnish the sole-edges with the burnisher-tool, as shown in Fig. 1, or any suitable burnishing tool, the boot is grasped at its back or heel portion with the left hand and with the tool P in the right hand, its burnishing-edge *o* being revolved in any suitable manner, (not deemed necessary to be described herein,) the boot is turned by the head-piece F swiveling on the rod D, and the burnisher-tool passed over the edge of the boot-sole, as is usual in burnishing the soles of boots or shoes.

The loop O of the lever J is for the right foot of the operator when sitting down to his work, but when the operator stands it is more convenient for him to use his left foot, and for such purpose a loop, R, is provided, attached

to the arm N by an extension, S, and operated by putting the left foot therein and bearing by the toe against a pin, *t*, of the floor or stand as a fulcrum, in a similar manner to operating the lever by the loop O.

In lieu of the loop R, an arm, T, hung to end *m* of arm N by a link, *u*, can be used, as shown in Fig. 4, the foot in such case pushing against the end *v* of said arm T.

For convenience in handling the lever J, a knob or handle, U, is provided.

The arm G can be in one piece, but it is preferable to have it in two parts, as shown, and connected by slot and set-screw, whereby it is adjustable and can accommodate itself to the different sizes of boots or shoes.

Securing a boot or shoe to a jack as described and shown has many advantages. The boot can be easily, quickly, and conveniently attached, and when attached, as the center on which the boot is turned on the jack when burnishing the sole-edge is substantially the center of the periphery or edge of the toe portion of the boot, the burnisher as it is moved around the edge of the sole in burnishing it operates or travels substantially in the same horizontal plane for the whole edge of the sole, which would not be the case if the center of rotation was near the heel, as heretofore, which, as is obvious, is much easier and more convenient for the operator.

The rod D can be made stationary and not slide in the sleeve, if desired, and in such case different sizes or lengths of head-pieces F could be used to accommodate the different sizes of boots or shoes; also, the jack is applicable to hold boots or shoes for burnishing the heels of the same, or for trimming the soles and heels thereof.

Obviously, if desired, a boot or shoe can be secured to the jack herein described at other parts of the boot than particularly at or near the toe, as described, but it is preferable to secure it at or near the toe, as described, for the reasons stated; also, the abutment *n* or *t*

can be dispensed with, the lever J being held by the pressure exerted by the foot when placed in the loop, but it is preferable to use the abutments, as is obvious.

Having thus described my invention, what I claim is—

1. A jack for boots or shoes having arm D, arranged on a stand, A, and arm M of lever J, pivoted to said stand, and both arranged to hold between them the boot or shoe at or near its toe for the rotation of the same in the operation of the burnisher or other tool.

2. In a jack for boots or shoes, an arm, D, arranged on a stand, A, and carrying a head-piece, F, having an arm, G, and arranged to swivel on said arm D, in combination with an arm, M, of a lever, J, pivoted to said stand and operated by its arm N to hold between them the boot or shoe at or near its toe for the rotation of the same in the operation of the burnisher or other tool.

3. In a jack for boots or shoes, a rod, D, supported on a stand and carrying a head-piece, F, arranged to swivel thereon, and provided with an adjustable arm, G, arranged to be set at its adjustment, in combination with means, substantially as described, for holding the boot or shoe against and on said head-piece and to its arm, substantially as and for the purpose described.

4. In a jack for boots or shoes, constructed substantially as described, a lever pivoted to the stand and arranged to hold the boot or shoe against a support on said jack, and to be operated by a loop, O or R, in combination with an abutment, *n* or *t*, substantially as and for the purpose specified.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

ZOTIQUE BEAUDRY.

Witnesses:

EDWIN W. BROWN,
WM. L. BELLOWS.