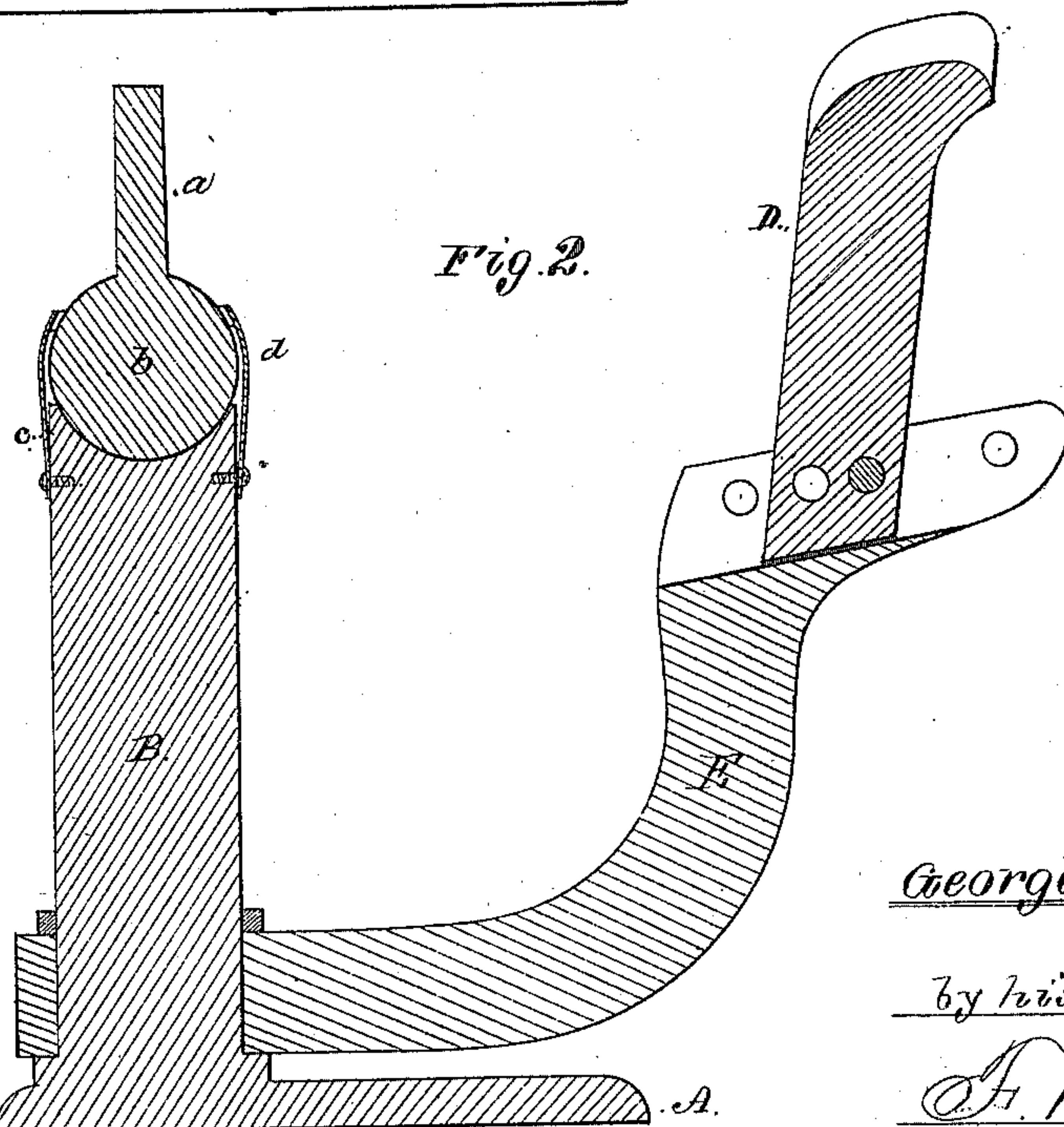
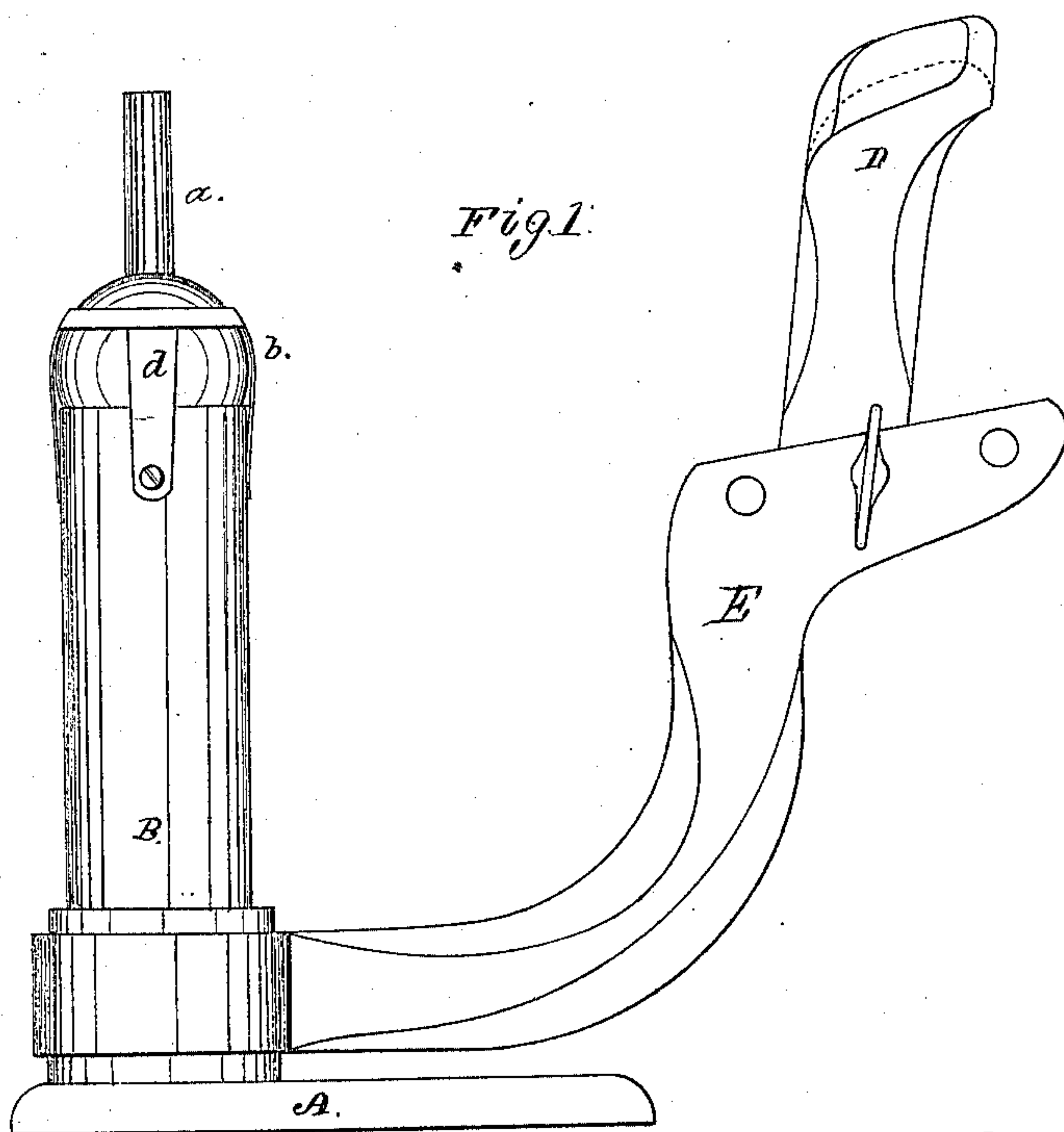


G. F. SEAVER.

Improvement in Lasting-Jacks.

No. 131,976.

Patented Oct. 8, 1872.



Witnesses.

Geo Gray
A. C. Hale

George F. Seaver.

by his attorney

A. P. Hale

UNITED STATES PATENT OFFICE.

GEORGE F. SEAVER, OF HAVERHILL, MASSACHUSETTS.

IMPROVEMENT IN LASTING-JACKS.

Specification forming part of Letters Patent No. 131,976, dated October 8, 1872.

To all whom it may concern:

Be it known that I, GEORGE F. SEAVER, of Haverhill, in the county of Essex and State of Massachusetts, have invented a new and useful or Improved Lasting-Jack, of which the following is a specification:

The object of my invention is to enable a shoemaker to apply and shape the inner sole and perform the labor of lasting a boot or shoe with greater facility, ease, and dispatch than by the methods heretofore adopted; and my invention consists in a new or improved jack or device for supporting the last and enabling the insole to be readily applied thereto and shaped, and the whole to be brought into the most convenient positions for the workman while securing the upper to the insole and last.

To enable others skilled in the art to make and use my invention, I will describe the manner in which the same is or may be carried into effect, reference being had to the accompanying drawing, in which—

Figure 1 denotes a side elevation, and Fig. 2 a longitudinal and vertical section of the device or jack as constructed in accordance with my invention.

In the said drawing, A denotes a circular or other proper-shaped table, which is to be affixed to the top of a workman's bench. B is a cylindrical standard or post which extends up from the said table and carries upon its upper end a last-pin, *a*, which is connected with the standard by means of a ball, *b*, and a socket, *c*, the said ball being maintained in its socket by means of a clamp or other suitable device, as shown in the drawing. C is a curved arm whose lower end is of a hollow cylindrical form, and is so affixed to the lower part of the standard B as to rotate freely around the same. D is an adjustable head or toe-block, which is so affixed to the upper end of the arm C as to be capable of being moved nearer to or further from the standard, as may be desirable, in order to give a proper bearing to the last in accordance with the length thereof, or the shoe to be lasted. The bearing-surface of one portion of the block is so formed as to

be adapted to support shoes of the ordinary and larger sizes, while its opposite part is so made that, by reversal of the block, such is adapted to shoes of the smallest size.

Having described the mechanical construction of my invention, I will next describe the mode of using the same.

The upper of the shoe to be lasted is to be reversed and placed with the foot-receiving opening downward upon the standard D. The insole having been placed upon and tacked to the last, the latter is affixed to the heel or last-pin, which supports the last, and at the same time enables the workman to freely move it into any desired position, and, by means of a knife, readily to shape the sole thereto. The upper is next drawn up around the last and a sufficient distance above the edge of the sole to form the "lap," and, by means of a tack driven through the heel of the upper, is secured in position. The workman next rotates the last into the desired position and draws over the toe of the upper, and, having secured it in place by means of a tack or peg, next places the toe of the shoe upon the toe-block, when, by rotating the curved arm, the upper and the last can then be brought into the most convenient position and the upper readily drawn over and lapped upon the insole, and tacked or secured thereto, the curved arm allowing the shoe to be moved into any desired horizontal position, while the ball-and-socket connection of the last-pin enables the last to have any desired vertical inclination.

Having described my invention, what I claim is as follows:

The improved lasting-jack, as described, the same consisting of the base A, the standard B, the last-supporting pin *a*, united with the standard in manner as described, the curved rotary arm E, and the toe-block D, the whole being constructed, combined, and arranged together, and so as to operate as specified.

GEO. F. SEAVER.

Witnesses:

F. P. HALE,
F. C. HALE.