

(No Model.)

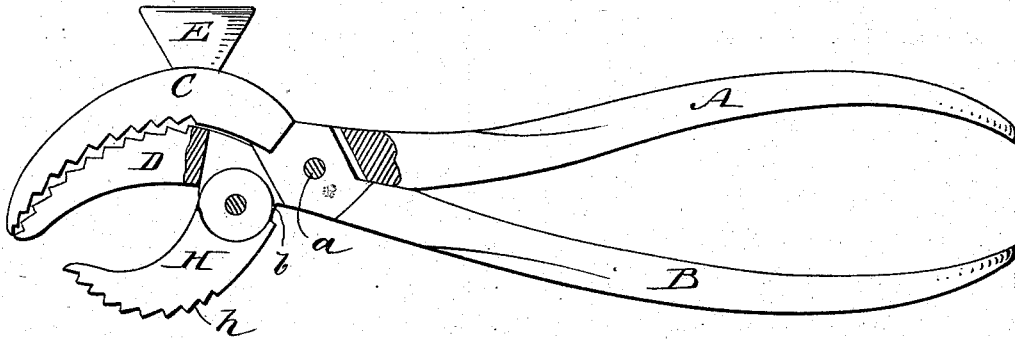
J. R. JACQUES.

LASTING TOOL.

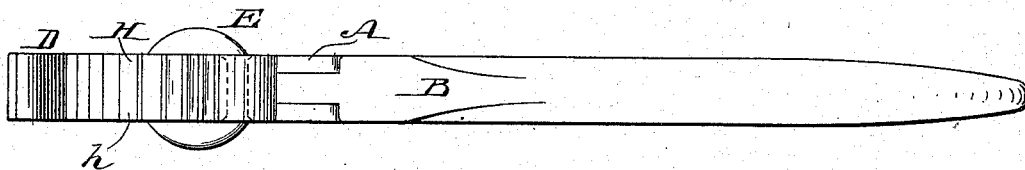
No. 382,429.

Patented May 8, 1888.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*John H. Deemer*  
*W. Sedgwick*

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# UNITED STATES PATENT OFFICE.

JOSEPH ROMULARD JACQUES, OF HANCOCK, MICHIGAN.

## LASTING-TOOL.

SPECIFICATION forming part of Letters Patent No. 382,429, dated May 8, 1888.

Application filed February 14, 1883. Serial No. 263,994. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH ROMULARD JACQUES, of Hancock, in the county of Houghton and State of Michigan, have invented a new and Improved Lasting-Tool, of which the following is a full, clear, and exact description.

My invention relates to an improved lasting-tool for shoe-makers' and saddlers, and has for its object to provide pinchers, which when applied will not tear or disarrange the thinnest insole, and which will be provided with a fulcrum, whereby when the edge of the upper is gripped the pinchers will act as a lever having a rocking fulcrum and draw the upper in the direction of the center of the last.

The invention consists in the construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both figures.

Figure 1 is a side elevation of the tool, partially in section; and Fig. 2 is a bottom plan view of the same.

In carrying out the invention, A and B represent two levers or handles formed, respectively, with downwardly-curved jaws D and C. The lever A is slotted at or near the base of the jaw D, and the lever B is passed through the same and pivoted at *a*.

The jaws C and D are corrugated or otherwise roughened on their inner surfaces, and the curve of the said jaws is such as to partake, essentially, of the contour of a parrot-bill. Upon the outer surface of the upper jaw a preferably annular and more or less conical projection, E, is formed, adapted for use as a

hammer. On the under side of the jaw D, at or near the base, ears *b* are produced, between which ears a lip, H, is pivoted, the body of the lip being essentially of equal width with the jaws and curved upwardly and forwardly to a contact in use, with the lower jaw a distance from the end. The under surface, *h*, of the said lip is corrugated or roughened, to prevent slipping when the lip is utilized as a fulcrum for the lever A and B.

In operation the boot or shoe upper is held between the jaws, the lip being allowed to rest upon the last. This having been effected, it simply becomes necessary to bear down upon the levers, whereupon the leather is quickly drawn in direction of the middle of the last. The lip, being pivoted and permitted to bear against the lower jaw, forms a perfect rocking fulcrum for the tool, remaining at all times stationary in use, which would not be the case with a rigid partially downward-curved lip, as the latter having a fixed fulcrum-point would slip and draw the inner sole from the upper. When not employed, the pivoted lip falls down out of the way.

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

The herein-described lasting tool, consisting of the handles A B, the downwardly-curved and corrugated jaws C D, the projection E on the jaw C, and the curved and corrugated lip H, pivoted between ears *b* on the jaw D, as specified.

JOSEPH ROMULARD JACQUES.

Witnesses:

MICHAEL W. KELLY,  
JOSEPH BELHUMEUR.