F. GUILD.

Pegging-Jack Attachment.

No. 168,896. Patented Oct. 19, 1875.

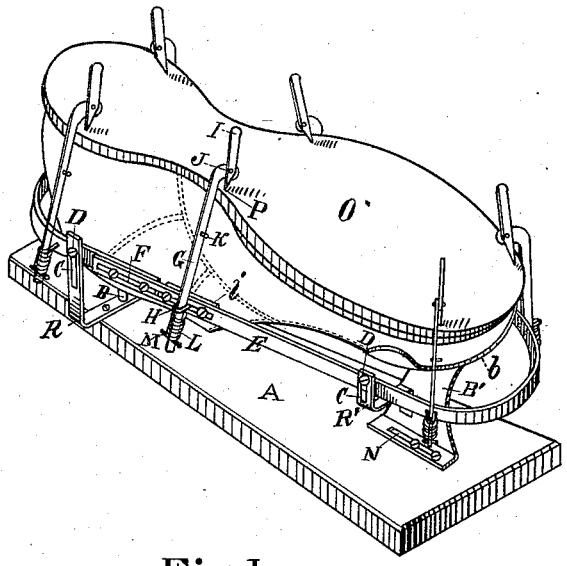


Fig. I.

Witnesses;
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# UNITED STATES PATENT OFFICE

FREDERIC GUILD, OF BROCKTON, MASSACHUSETTS.

## IMPROVEMENT IN PEGGING-JACK ATTACHMENTS.

Specification forming part of Letters Patent No. **168,896**, dated October 19, 1875; application filed April 23, 1873.

*To all whom it may concern:*

Be it known that I, FREDERIC GUILD, of Brockton, in the county of Plymouth, State of Massachusetts, have invented a certain new and useful Improvement in Attachments for Pegging-Jacks, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which my invention appertains to make and use the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is an isometrical perspective view.

My invention relates to means for securing the sole in position while being pegged or permanently fastened without tacking on; and consists in a simple and cheap device of novel construction, adapted to be used in combination with an ordinary pegging-jack, and by the use of which very desirable results are attained.

It is well known that in the manufacture of boots and shoes the outer soles are usually tacked on or secured in position for the action of the machine by temporarily pegging or tacking them to the inner sole, requiring quite an expenditure of time and labor, and very frequently defacing or injuring the appearance of the work.

My invention is designed to obviate these difficulties and objections; and to that end I employ a mechanism the nature and operation of which will be readily understood by all conversant with such matters from the following description:

In the drawing, A represents the body of the pegging-jack, to which the toe-standard or last-support B′, having the rest *b*, is secured, and on which it is rendered adjustable by means of the slot and screws N. Attached to the bed A there are two brackets or vertically-arranged arms, R R′, provided with the slots C, and projecting from the standard B′ are two corresponding arms, R′. Supported by these arms, and rendered vertically adjustable thereon by the screws D, is an oval hoop or truss, E, which may also be elongated or contracted, as occasion requires, by means of the slot and screws F. Projecting laterally from the truss at proper intervals are a series of staples or loops, H, in which the bent levers G are arranged to slide vertically, and also to have free vibratory or lateral movements. A cross-head or pin, M, is fitted in the lower end of each lever, and between these pins and the staples H are coiled springs, which act expansively against the cross-pins and staples as the levers are raised or drawn upward. Pivoted at J to the upper ends of the levers G are a series of short levers or clamping-hooks, I, provided with the short pointed arms P.

In the use of my improvement the last is secured to the jack in the usual manner, on the stud B, the toe being supported on the rest *b*. The sole O is then placed in proper position, and the levers G drawn upwardly until the points of the levers I are above the plane of the sole, when the points P are brought into contact therewith near its outer edge, and the long arms pressed inwardly until the pivot J is inside of the center of motion, or, in other words, nearer the center of the sole than the point P, the spring L at the same time acting to keep the point in contact with the sole and hold it in position on the last, in a manner which will be readily obvious without a more detailed explanation.

The pegging mechanism is now set in operation, and as the awl and driver pass around the shoe, or vice versa, a stud, (not shown,) which may be attached in any convenient manner to the machine, strikes in turn the long or uppermost arms of the levers I, causing them to be tripped, disengaging the points P from the sole, and permitting the free action of the pegging mechanism.

Having thus described my invention, what I claim is—

A lasting machine or device consisting of the combination of a series of spring-levers, G, supported in guideways or loops H, carried by an adjustable truss, E, and provided with pivoted clamping-hooks I, capable of being automatically disengaged from the sole, substantially as shown, and for the purpose set forth.

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Witnesses:

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