

(No Model.)

2 Sheets—Sheet 1.

G. T. DEMARY.
LAST AND SUPPORT.

No. 474,335.

Patented May 3, 1892.

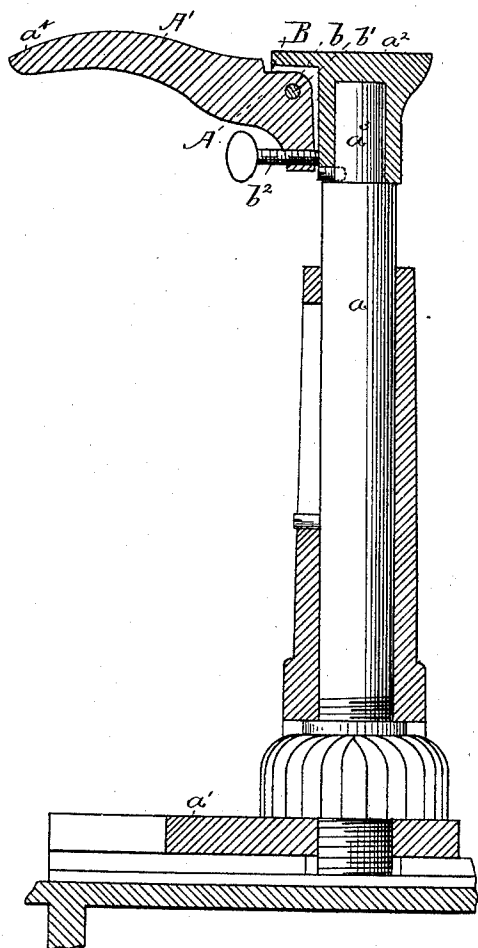


FIG. 1.

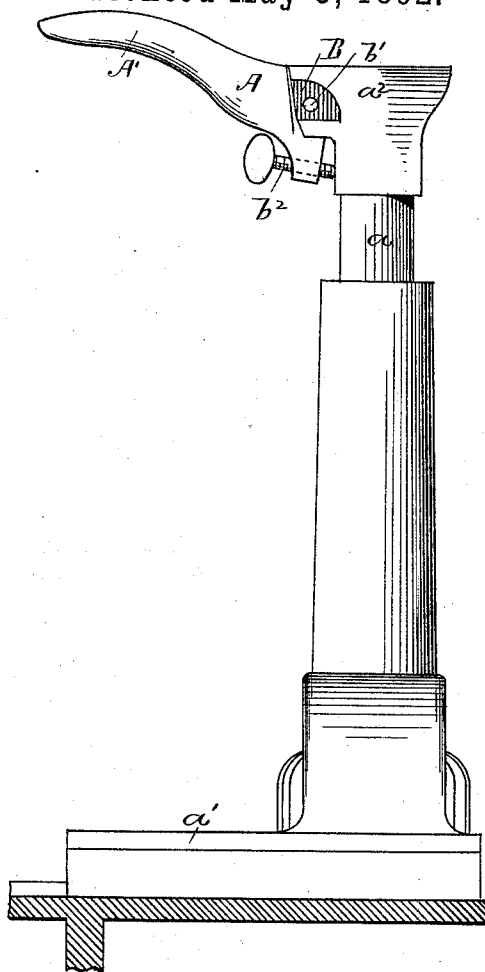


FIG. 2.

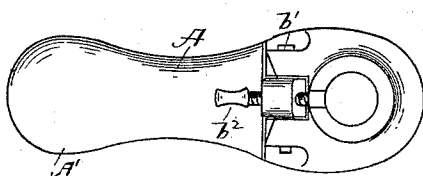


FIG. 3.

WITNESSES.

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Fred. B. Dolan

INVENTOR

G. T. Demary
by his atty
Charles A. Raymond.

(No Model.)

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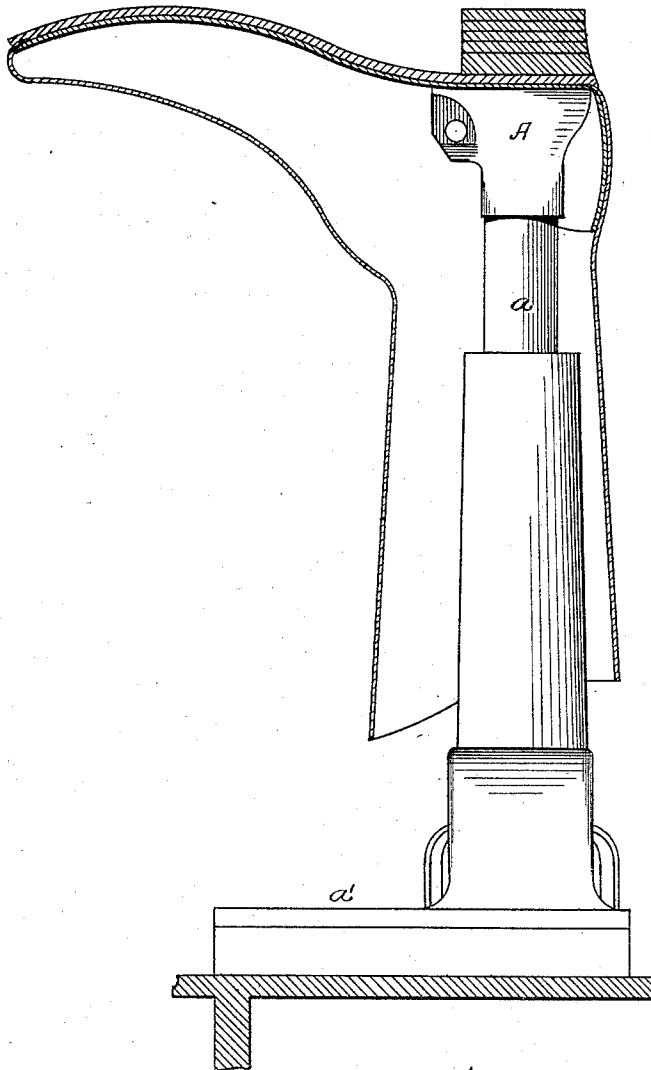


FIG. 4.

WITNESSES.

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UNITED STATES PATENT OFFICE.

GEORGE T. DEMARY, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO THE
NATIONAL HEELING MACHINE COMPANY, OF PORTLAND, MAINE.

LAST OR SUPPORT.

SPECIFICATION forming part of Letters Patent No. 474,335, dated May 3, 1892.

Application filed December 22, 1886. Serial No. 222,256. (No model.)

To all whom it may concern:

Be it known that I, GEORGE T. DEMARY, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Lasts or Supports for Heel-Nailing Machines, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification, in explaining its nature.

The object of the invention is to provide a last or heel-support having an anvil or solid-metal-heel end and a foot portion or extension which shall be hinged or pivoted thereto, so that its end shall be adjustable vertically in relation to the surface of the anvil or heel end of the support or last, and also so attached thereto as to be made easily removable.

The object of the invention is twofold: first, to provide a means whereby the level of the sole of the boot or shoe to which the heel is to be attached may be varied or changed, in order to bring the heel end of the boot or shoe in proper relation to the anvil or heel end of the last and to properly support the forward part of the boot or shoe during the nailing of the heel end, and, second, to provide means whereby long-legged boots may be easily placed upon the anvil or work-support and removed. This is accomplished by removing the front part of the last or work-support entirely from the anvil, leaving nothing but a stump or the heel end of the last. The adjustment first named is necessary generally upon shoes of a special character, and is not needed, as a rule, upon long-legged boots.

Referring to the drawings, Figure 1 is a view in vertical section of a jack containing the features of my invention. Fig. 2 is a view in side elevation thereof. Fig. 3 is a plan view thereof. Fig. 4 is a view in elevation thereof, showing its use in nailing on long-legged boots.

A represents the last or work-support, a the spindle or rod upon which it is mounted, and a' a sliding jack-plate having a hollow post for the support of the spindle. The last or work-support A is made in two parts, first, the rear or heel part a^2 , which is of solid metal, for the reception of the upper end or pin a^3 of the supporting-spindle, and its upper surface comprises the anvil, and is of any

desired form, and, preferably, is steel-surfaced. It is also provided with ears B for the reception of a lug or extension b , projecting from the fore part A' of the last or work-support. This fore part has a front extension a^4 , which forms a rest for the forward part of the boot or shoe. It also has the lug or extension b , by which the front part is secured to the heel end of the last by means of a pin or stud b' passing through it. There is also arranged below this pin or stud an adjusting-screw b^2 , which passes through the fore part A' of the last and bears against the front surface of the stump, and which serves to lift or depress the fore part of the last upon its horizontal pivot and to hold it in such elevated or depressed position.

In Fig. 2 I have represented the fore part of the last as elevated. When used for a long-legged boot, the fore part should be detached from the stump. This is easily done by removing the pivot, and the boot can then be easily placed upon the stump or work-support. If the fore part were not detached, the boot could not easily be placed upon the jack. It is therefore necessary that the fore part of the last should not only be adjustable, as above described, but that it should be removable.

Having thus fully described my invention, I claim and desire to secure by Letters Patent of the United States—

1. A last or work-support for a heel-nailing machine, having a stump or heel-support, a fore part pivoted thereto by a horizontal pivot, and the holding-screw b^2 , substantially as described.

2. The combination, in a last or support for a heel-nailing machine, of the heel-support a^2 , having at its forward end the ears B, with the fore part A, having the forward extension a^4 , and the rear lug or extension b , secured to the rear part a^2 between the ears B by means of the pin or stud b' passing through the ears and tongue, and a device for adjusting the elevation of said fore part in relation to the surface of the part a^2 , substantially as described.

GEORGE T. DEMARY.

In presence of—

F. F. RAYMOND, 2d,
J. M. DOLAN.