

A. DILLEY & J. L. LARRISON.

HEEL EVENERS FOR BOOTS AND SHOES.

No. 182,648.

Patented Sept. 26, 1876.

Fig. 1.

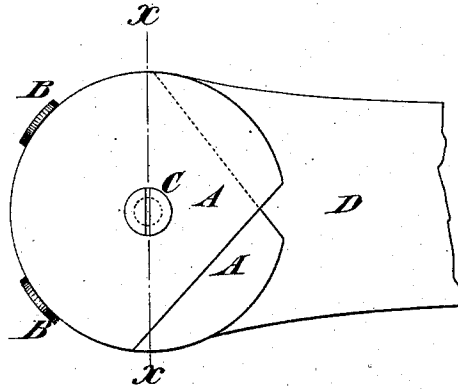


Fig. 2.

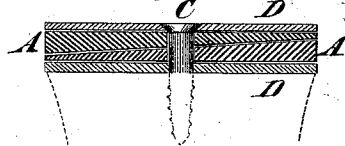
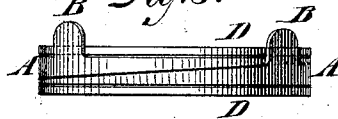


Fig. 3.



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UNITED STATES PATENT OFFICE.

ABRAM DILLEY, OF DRAKESTOWN, AND JOHN L. LARRISON, OF SCHOOLEY'S MOUNTAIN, NEW JERSEY; SAID LARRISON ASSIGNOR TO SAID DILLEY.

IMPROVEMENT IN HEEL-EVENERS FOR BOOTS AND SHOES.

Specification forming part of Letters Patent No. **182,618**, dated September 26, 1876; application filed May 22, 1876.

To all whom it may concern:

Be it known that we, ABRAM DILLEY, of Drakestown, county of Morris, and State of New Jersey, and JOHN L. LARRISON, of Schooley's Mountain, county of Morris, and State of New Jersey, have invented a new and Improved Heel-Elevator, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a top view of our improved heel-elevator, with covering-piece detached; Fig. 2 is a vertical transverse section, on line X X, Fig. 1; and Fig. 3 is an end view of the same.

Similar letters of reference indicate corresponding parts.

The object of our invention is to provide an improved heel-elevator for shoes and boots, that may be readily set to keep the heel level for any tread of the foot. The elevator assists the walking, as it gives a spring to the heel or instep, and fits the shoe or boot in a more comfortable and perfectly square manner to the foot.

Our invention consists of two wedge-shaped rubber plates, that are applied by a center pivot to the insole and heel, and adjusted by upward-projecting side lugs at the thickest part of the swinging plates.

In the drawing, A represents two rubber plates, that are made of the contour of the heel, and of wedge shape, tapering from one end to the other. They are centrally pivoted by means of a tack or pin, C, that is screwed into or otherwise fastened to the insole and heel of the shoe or boot, to admit the ready turning of rubber plates thereon. The rubber plates are adjusted by side lugs B, that project upward from the thickest parts, serving to move the plates in suitable position to

keep the heel level, and to indicate also the thickest parts of the plates, so that they may be readily adjusted as required. The rubber plates are covered by a top and bottom leather strip, D, of which the lower strip may be omitted, and the insole be used instead. The elevator is attached, half an inch from the back part of the heel, at the inside of the boot or shoe, so that the ball of the heel of foot will rest on the center of the plates. The elevator may be attached permanently to the boot, or be made detachable, and thus applied to another pair. The lugs or flanges B are molded with the plates, and stand upright against the inside of the boot, close to the sides, to be adjusted in any position therein without interfering with or hurting the foot. They are elastic, and give at each step, so as to form a neat and comfortable device for evening the heels, and avoiding the annoying and unsightly treading down of the same.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. A heel-elevator adapted to be applied on the inside of the boot or shoe, and made of adjustable wedge-shaped rubber plates, pivoted by a fastening center pin, substantially as herein shown and described.

2. The pivoted rubber plates, having upward-projecting side lugs at the thickest part, to adjust the plates, substantially as herein shown and described.

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Witnesses:

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