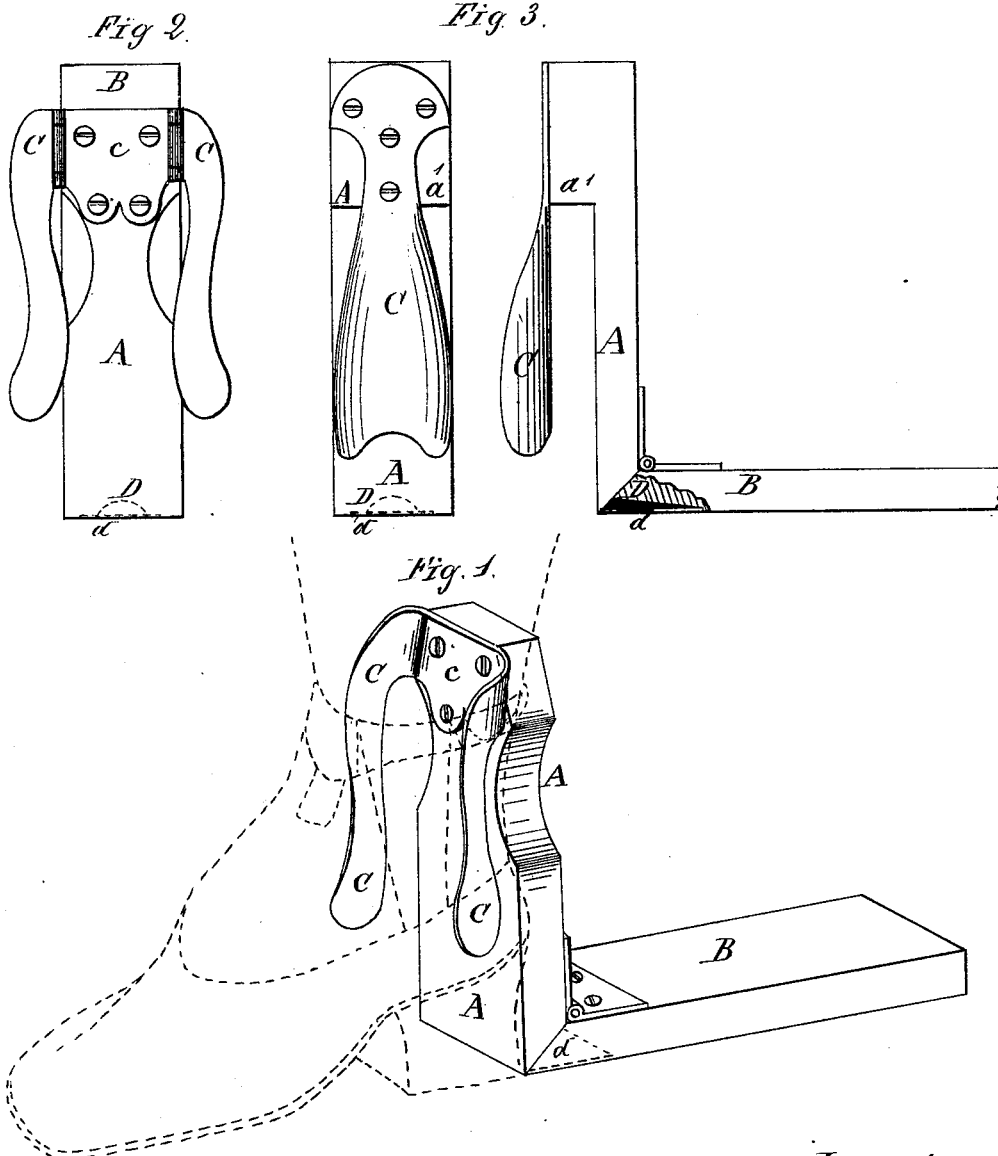


J. F. R. DOISY & H. L. E. SARRAZIN.

BOOT-JACK.

No. 189,708.

Patented April 17, 1877.



Witnesses  
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# UNITED STATES PATENT OFFICE

JEAN F. R. DOISY AND HENRI L. E. SARRAZIN, OF PARIS, FRANCE.

## IMPROVEMENT IN BOOT-JACKS.

Specification forming part of Letters Patent No. **189,708**, dated April 17, 1877; application filed October 30, 1876.

### *To all whom it may concern:*

Be it known that we, JEAN FRANÇOIS REGIS DOISY and HENRI LOUIS ETIENNE SARRAZIN, both of Paris, in the Department of the Seine and Republic of France, merchants, have invented certain new and useful Improvements in an Improved Boot-Jack, of which the following is a specification:

Our invention has for its object a novel style of boot-jack so constructed as to be inserted within the shoe, gaiter, or bootee, to withdraw the same from the foot without being obliged to hold such shoe, gaiter, or bootee with the hand for its withdrawal.

In the accompanying drawings, Figure 1 is a perspective view of our improved boot-jack, showing its manner of operation. Fig. 2 is a front elevation of the same with the leaves or arms hinged; and Fig. 3 is a front and side elevation, respectively, showing a boot-jack with a plate or leaf in the ordinary form of a shoeing-horn.

A B are two boards or leaves hinged together at *d*, so as to form an obtuse angle—that is to say, the upright board A leans slightly forward, in order that the hooks C may be more easily introduced into the gaiter, shoe, or bootee.

We prefer to hinge the two boards together, so as to be folded into a small compass, though the two boards A B may be rigidly fixed to each other, as will be readily understood.

C C are two hooks or arms, having, to some extent, the configuration of the heel portion of the foot as near as possible. These hooks are of sufficient length to reach to the insole of the shoe upon which it has its bearing-point. The hooks C are formed on a plate, *c*, secured in any convenient or preferred manner to the upper outer face of plate or board A, so as to project downward, as shown; or the hooks C may be hinged to the plate *c*, so as to adapt them to be folded together, as shown by Fig. 2.

The hooks may also be replaced by a single plate, having the form or configuration of the ordinary and well-known shoeing-horn, as shown by Fig. 3, and in this case the plate is affixed to a projection, *a'*, formed on the up-

per part of plate, to give sufficient room for the plate to be inserted into the boot or shoe.

Any suitable or desired configuration may be given to the hinged boards to render them light and compact and give them a certain degree of ornamentation, as this class of boot-jacks is especially designed for use by ladies and children, and, to that effect, they are made of various sizes to suit the purpose.

Any suitable or preferred material may also be employed, such as wood, metal, horn, rubber, &c.

The operation of the device is as follows: The hooks on the single plate are inserted within the gaiter, shoe, or bootee, at the heel end, so that the extremities of such hooks or the extremity of the plate rest or bear on the insole or inner part of the heel; the foot is then placed on the floor, when the plate B will readily fall over; the other foot is then placed on board B, when the shoe, gaiter, or bootee will readily come off the foot by withdrawing the same, as the end of the hooks or the plate has its bearing-point on the insole, and the outer face of the heel on the plate A, the tendency being to pull from the plate B, thus affording great leverage and facilitating the withdrawal of the gaiter, shoe, or bootee.

The plate B is made longer than the plate, not only to give sufficient room to place the foot thereon, but also to give sufficient bearing-surface upon the floor.

D is a notch cut in the edge of the plate B, at its hinged end, and is covered with a metallic plate, *d*, and serves as a means to hang the boot-jack to a hook.

Having described our invention, what we claim is—

A boot-jack, consisting, essentially, of the plates A B and the hooks or horns C, arranged and operating substantially as described, for the purpose specified.

In testimony that we claim the foregoing we have hereunto set our hands this 23d day of December, 1875.

J. F. R. DOISY.

H. L. E. SARRAZIN.

Witnesses:

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