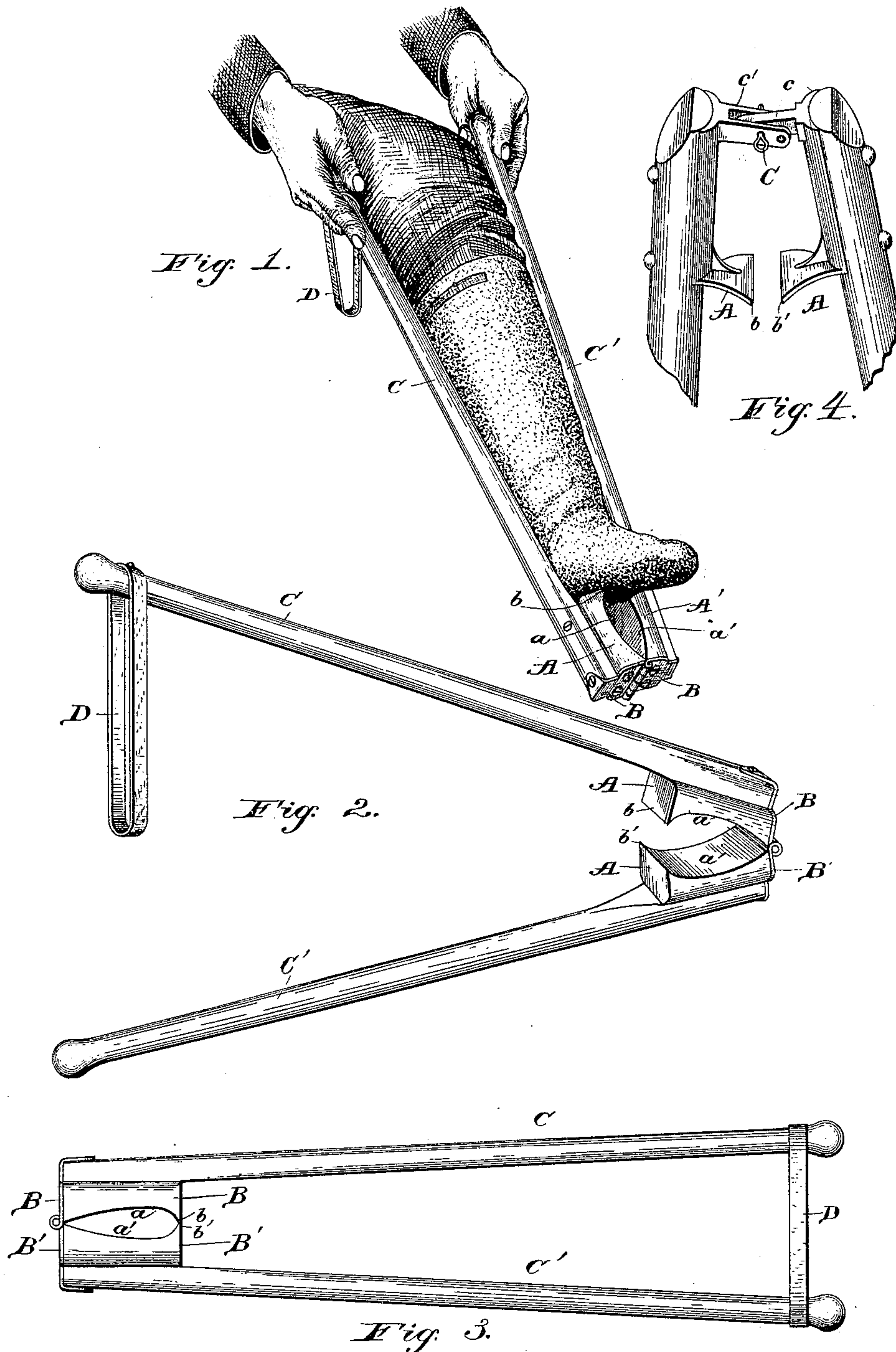


(No Model.)

G. H. HACKETT  
BOOT JACK.

No. 403,585.

Patented May 21, 1889.



WITNESSES,

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# UNITED STATES PATENT OFFICE.

GEORGE H. HACKETT, OF SOUTH ROYALTON, VERMONT.

## BOOT-JACK.

SPECIFICATION forming part of Letters Patent No. 403,585, dated May 21, 1889.

Application filed October 11, 1888. Serial No. 287,833. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE H. HACKETT, of South Royalton, in the county of Windsor and State of Vermont, have invented certain new and useful Improvements in Boot-Jacks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

10 This invention relates to improvements in jacks for pulling off boots, moccasins, &c.

The object of the invention is to enable a person to conveniently apply the jaws of the jack at the point of greatest resistance to the removal of the boot, shoe, or moccasin, as the case may be, to avoid the injury and annoyances which exist in the use of the old well-known form of jack.

In the drawings, Figure 1 is a perspective view of a jack embodying my invention in position to be used for the removal of a moccasin. Fig. 2 is a perspective view showing the jaws open and the securing-strap released from one of the handles. Fig. 3 is a plan view showing the jaws closed. Fig. 4 is a detail view of a modified construction, showing the jaws adjustably hinged together.

Referring to the accompanying drawings, which form part of this specification, and in which like letters of reference refer to like parts in all of the figures, A A' represent jaws which are secured to plates B B', which plates are hinged together on the dividing line of said jaws. Said plates are secured to the jaws and the handles, hereinafter described, by means of screws, or in any other suitable manner.

C C' refer to the handles, which are of such length as will enable the operator to reach them conveniently, and are secured to the jaws by means of screws or bolts. A strap or cord, D, of sufficient length to reach around the free ends of the handles, is secured to one of the handles, as shown in Fig. 2. This strap serves to hold the jaws and handles together, as shown in Fig. 3, when the jack is not in use. The jaws are preferably made with concave faces or recesses *a a'* to form biting-lips *b b'*. In applying the jack the operator is

enabled to pinch the jaws upon the boot or moccasin, &c., at such point as his sense of feeling tells him will best serve his purpose.

By means of the handles the operator is enabled to hold the jack firmly in position and apply it in such manner as will best serve the purpose of removing the shoe, moccasin, &c.; also, to conveniently use the jack while in a sitting position.

While my device serves the purpose of an ordinary boot-jack, it is especially useful in removing such articles as moccasins.

In Fig. 4 of the drawings I have shown a modified form of my invention, in which the two jaws are adjustably hinged together. In this instance each jaw is cast in a single piece of metal, which is made of a flat plate, or of other desired shape, to closely fit the handle, and at its inner end each casting has a biting-lip, *b* or *b'*, while at its outer end is formed a right-angled arm, *c* and *c'*. The arm *c'* of the jaw A' is bifurcated, as at *c''*, and between the bifurcated portions of said arm is fitted the other arm, *c*, of the jaw A, both of these arms having a series of two or more transverse perforations. These arms are adjusted so that two of the perforations therein register or coincide, and a split pin, C, is then passed through said arms to detachably connect them together, and thus form a hinge-joint. It is obvious that the jaws can be adjusted laterally to vary the extent to which they can be effectively adapted for service, and thus accommodate the boot-jack to shoes, boots, &c., of different sizes.

I do not confine myself to the exact form and construction of parts herein shown and described as one embodiment of my invention, as I am aware that modifications in construction can be made without departing from the principle or sacrificing the advantages thereof—as, for example, the jaws and handles may, if desired, be made in two pieces instead of four, as herein shown and described.

Having thus described my invention, what I claim is—

1. The boot-jack herein described, consisting of the hinged jaws and the handles, substantially as shown and described.

2. The hinged jaws having biting-lips, in combination with the handles, as and for the purpose set forth.

3. A boot-jack consisting, essentially, of the handles and the jaws fixed to the handles and adjustably hinged together, substantially as described.

4. A boot-jack consisting, essentially, of a pair of handles, the jaws fixed to the handles and having the perforated arms, and a split

pin passing through said arms to detachably and adjustably hinge the jaws together, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE H. HACKETT.

Witnesses:

J. D. DENISON,

A. C. BAILEY.