

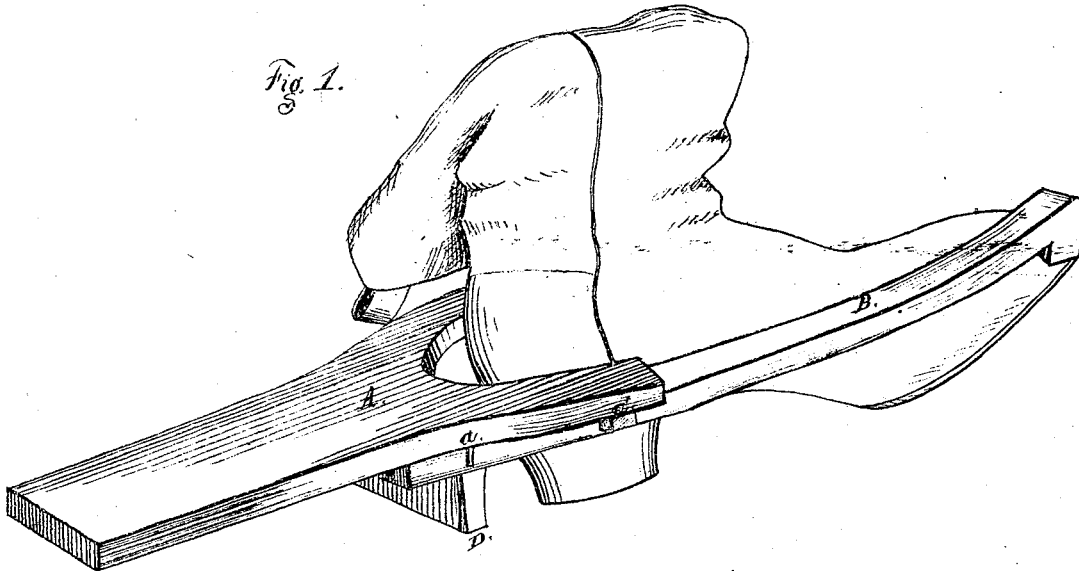
*J. Crabtree,*

*Boot Jack.*

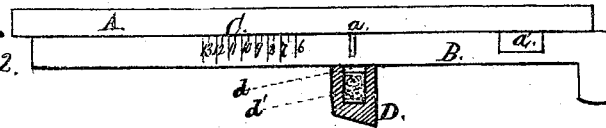
*No. 110743.*

*Patented Jan. 3 1871.*

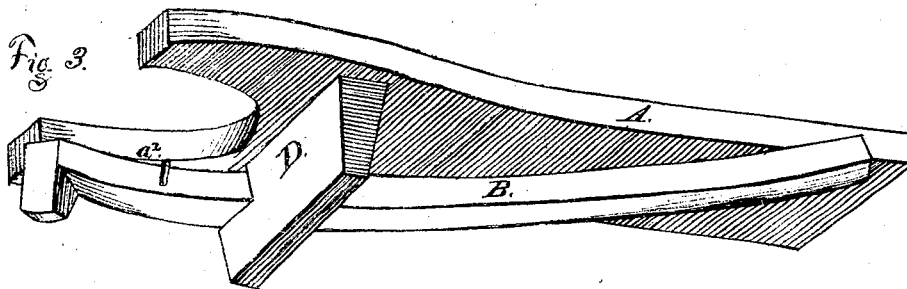
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*J. Van Kannel*  
*Chas. Rantz.* } Attest

Inventor  
*John Crabtree*

# United States Patent Office.

JOHN CRABTREE, OF CINCINNATI, OHIO.

Letters Patent No. 110,743, dated January 3, 1871.

## IMPROVEMENT IN BOOT-JACKS.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, JOHN CRABTREE, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and improved Boot-Jack; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawing making a part of this specification.

Figure 1 is a perspective view of the boot-jack in the act of drawing the boot;

Figure 2 is a side elevation; and

Figure 3 shows the arm slid back when not in use. Similar letters of reference indicate like parts.

The nature of my invention relates to a boot-jack which draws not only the heel of the boot but also the toe, and is at the same time adjustable to any size boot.

It consists of an ordinary boot-jack with the jaws slightly diverging, so as to fasten the back part of the boot, as in ordinary jacks.

Directly under the right jaw is a curved arm, extending longitudinally from the jack, and held in position by the support or foot of the jack.

In order to hold the arm at any desired position a small rubber plug presses a metallic washer against the arm.

In order that the arm may be correctly set without the trouble of measuring the boot, I provide the arm with a scale and figures, denoting the number of the boot to be drawn.

The arm is bent horizontally, and its end is bent downward, so as to reach over the toe of the boot without pressing the toes of the foot.

In construction my invention is as follows:

A is the main body of the jack, constructed and operating in the usual manner.

Into one of the jaws is inserted a small wire, *a*; and a similar wire, *a*<sup>2</sup>, is inserted beyond the arm B, as seen in fig. 3.

A projection, *a*<sup>1</sup>, is left near the arm B, on the jaw of the jack.

The foot D of the jack has cut into its upper corner a recess, so as to admit the arm B.

A scale is stamped on the side of the arm B, as seen at C.

D is the foot of the jack.

*a*<sup>1</sup>, a rubber plug let into the part D; and

*a*<sup>2</sup>, a metallic washer to save the rubber from too rapid wear.

The operation of my invention becomes obvious.

When the jack is put into use the arm B is slipped out until the proper figure on scale C comes opposite wire *a*; the heel of the boot is then placed between the jaws and the toe under the end of the arm B.

This will prevent all possibility of the boot slipping, and makes the operation of pulling off boots and gaiters an easy one.

When the jack is out of use, in being shipped, the arm is slid back out of the way, where it will take up no more room than the ordinary jack.

The elastic plug *a*<sup>1</sup> serves to hold the arm in any desired position.

The fastenings of the arm, consisting of the notch in the foot D, the projection *a*<sup>1</sup>, wires *a* and *a*<sup>2</sup>, are sufficiently clear and need no further description.

The advantages of my improvement over other known devices for this purpose are in its simplicity, durability, convenience, and efficiency.

Having thus described the construction and operation of my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. The sliding arm B, held in place by projection *a*<sup>1</sup> and wires *a* and *a*<sup>2</sup>, when used as and for the purpose specified.

2. Providing a sliding arm of a boot-jack with a scale and figures for the purpose of setting said arm, as herein set forth.

3. The rubber plug *a*<sup>1</sup> and washer *a*<sup>2</sup>, in combination with the sliding arm B of a boot-jack, when arranged in the foot D, to operate substantially as herein described and shown.

JOHN CRABTREE.

Witnesses:

T. VAN KANNEL,  
CHAS. KENTZ.