

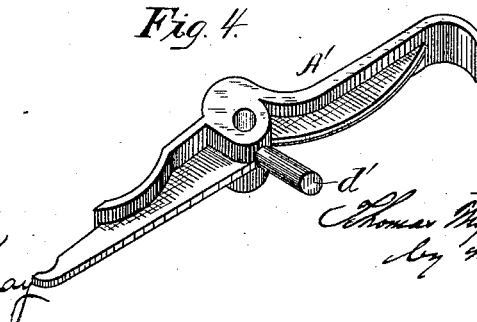
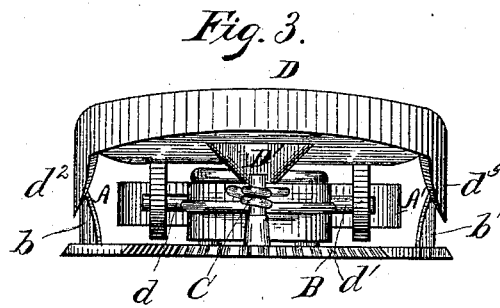
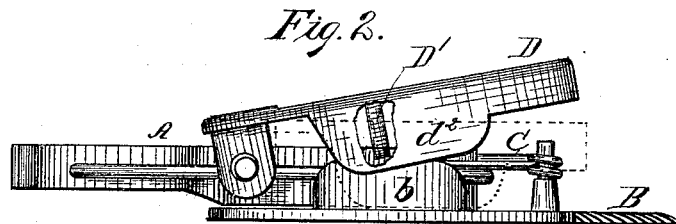
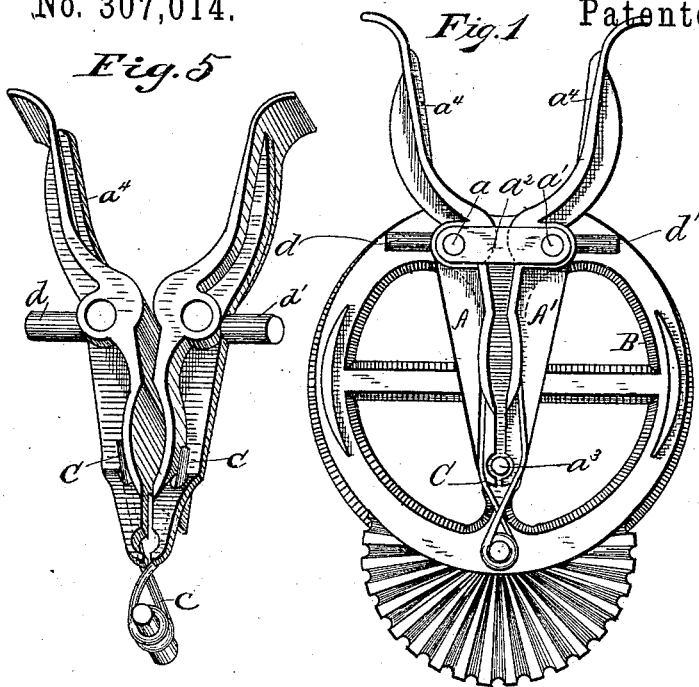
(No Model.)

T. M. CARPENTER.

BOOT JACK.

No. 307,014.

Patented Oct. 21, 1884.



Witnesses:

E. J. Walker

W. M. Harney

Inventor:

Thomas M. Carpenter

By his attorney
J. E. Eide

UNITED STATES PATENT OFFICE.

THOMAS MYRON CARPENTER, OF ROCKTON, ILLINOIS.

BOOT-JACK.

SPECIFICATION forming part of Letters Patent No. 307,014, dated October 21, 1884.

Application filed April 12, 1884. (No model.)

To all whom it may concern:

Be it known that I, T. M. CARPENTER, a citizen of the United States, residing at Rockton, in the county of Winnebago and State of Illinois, 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.

This invention relates to that class of boot-jacks the heel-clamp of which consists of a pair of levers, and which are provided with a pedal for closing said clamp on the heel.

My improvement consists in hinging the pedal at its front end and near the jaws of the heel-clamp, so that a person using the boot-jack may more conveniently and also more effectively apply his weight to the pedal for closing the heel-clamp than can be done in the use of the above-described previously-known boot-jacks in which the pedal is hinged at the rear end.

It further consists in hinging the pedal to pivot-pins formed on the heel-clamp levers, whereby the construction of the boot-jack is supplied.

Figure 1 is a plan view of my improved boot-jack minus the pedal, which was removed to show the construction of the parts underneath. Fig. 2 is a side elevation of my improved boot-jack. Fig. 3 is a rear elevation of the same. Fig. 4 is a perspective view of one of the heel-clamp levers.

The same letters of reference indicate identical parts in all the figures.

The levers A and A', the curved front ends of which constitute the jaws of the heel-clamp, are pivoted, respectively, on vertical studs *a* *a'* on the base-plate B, the upper ends of said studs being connected by a yoke, *a*², for strength. Between the rear ends of these levers a stud, *a*³, projects up from the base to limit the movement of the levers toward each other at this end. The legs of a forked spring, C, attached to the base-plate, embrace the rear ends of the heel-clamp levers, tending to hold

the jaws thereof wide open. The jaws are provided each with a dull-edged rib, *a*⁴, adapted to press on the heel of the boot. The pedal D is pivoted at its front end, and near the jaws of the heel-clamp, upon horizontally-projecting studs *d* *d'*, formed on the heel-clamp levers A A', the pivot-holes in the ears of the pedal being made large enough to allow for all required play of the pedal on said studs *d* *d'*. At its under side the pedal is provided with a wedge, D', adapted to enter between the heel-clamp levers A A' back of their pivots, to force the rear ends of said levers apart, and thus close the jaws thereof on the heel. In order to steady the pedal, it is provided with downwardly-projecting flanges *d*² *d*³, which lap upwardly-projecting flanges *b* *b'* on the base-plate.

It will be observed that in my improved boot-jack the pedal will operate most effectively on the heel-clamp levers by standing on its rear end, and that a user has much greater freedom of action and comfort than in the use of the old style of lever-clamp boot-jacks, where he must apply his weight to the forward end of the pedal, comparatively closed to the jaws of the heel-clamp, which necessarily impedes his action to some extent.

The levers A A' may be constructed and the spring C applied, as shown in Fig. 5, so as to prevent the accidental detachment of the spring.

I claim as my invention—

1. The combination, substantially as before set forth, of the heel-clamp levers, and the pedal pivoted at its front end and near the jaws of said clamp.

2. The combination, substantially as before set forth, of the heel-clamp levers, and the pedal pivoted on studs on said levers near the jaws of said clamp.

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

THOMAS MYRON CARPENTER.

Witnesses:

CHARLES NEWBURGH,
W. WILKINS.