

H. P. CHAPLIN.
Booting-Jack.

No. 196,073.

Patented Oct. 16, 1877.

Fig. 1.

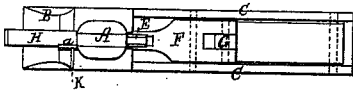


Fig. 2.

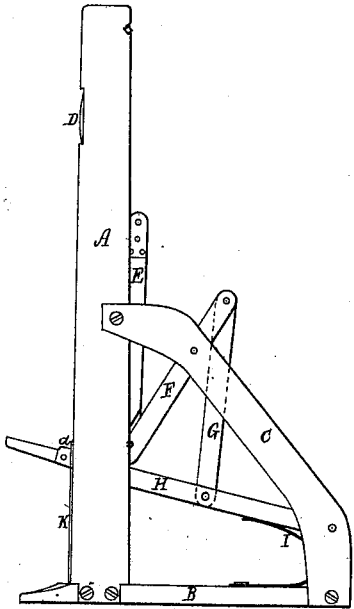
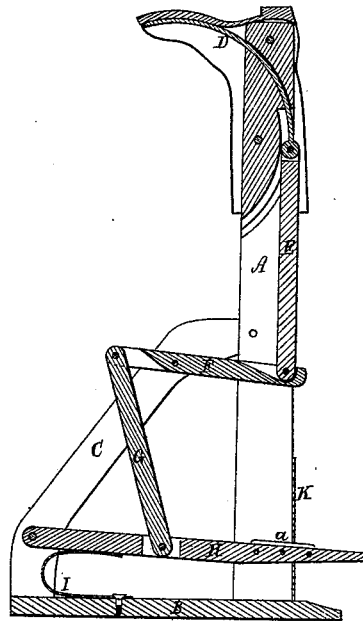


Fig. 3.



Fig. 4.



Witnesses.

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HENRY P. CHAPLIN, OF GEORGETOWN, MASSACHUSETTS.

IMPROVEMENT IN BOOTING-JACKS.

Specification forming part of Letters Patent No. **196,073**, dated October 16, 1877; application filed August 21, 1877.

To all whom it may concern:

Be it known that I, HENRY P. CHAPLIN, of Georgetown, of the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Booting-Jacks, or mechanism for supporting and holding a boot or shoe while being buffed or finished; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a side elevation, and Fig. 3 an end elevation, of my improved jack. Fig. 4 is a vertical section of it as supporting and holding a boot.

My invention consists, mainly, in the combination of a standard and a curved arm movable therein, and provided with mechanism for moving said arm and holding it in different positions, all substantially as hereinafter explained.

In such drawings, A denotes a standard, erected on a base, B, provided with two inclined struts, C C, which extend upward from it to the standard, and fixed to both. The standard, open vertically, as represented in Figs. 3 and 4, has within it a curved arm, D, which, when in its lowest position, is wholly within the standard. This arm is movable lengthwise within the standard, so as to be capable of being projected therefrom with respect to the upper end of it, (the said standard,) in manner as represented in Fig. 4. The arm moves in suitable guides or guide-grooves in the standard, and at its lower end such arm is jointed to a connection-bar, E, which is jointed to the longer arm of a lever, F, arranged between and pivoted to the struts. The other arm of the lever F is jointed to another con-

nection-bar, G, extending up from a pedal, H, that is pivoted to the struts, and goes through the standard, and rests upon or is provided with a spring, I, for forcing it upward.

Alongside of the said pedal, and projecting from the standard, is a serrated rack, K, to engage with a lip, a, extending from the pedal.

On placing a boot on the standard, in manner as shown in Fig. 4, and depressing the pedal, the curved arm D will be projected from the standard into the foot portion of the boot and against the insole, and into and against the toe, and, with the top and upper portion of the standard, will support and hold the boot firmly, while its sole and heel may be finished or buffed, or otherwise treated, provided the pedal be latched or held down by the serrated rack. On releasing the pedal-lip from the rack, the spring beneath the pedal will force the pedal upward, whereby the curved arm will be retracted or drawn wholly within the standard, the pedal bringing up against one end of the lever F. On the arm being thus drawn back the boot may be readily removed from the jack.

I claim—

1. The combination of the standard A and the curved arm D applied to it, as described, and provided with mechanism for operating it, (the said arm,) substantially as set forth.

2. The combination of the curved arm D with the spring I, pedal H, connection-bars E G, and the lever F, all being arranged and applied substantially as specified.

HENRY P. CHAPLIN.

Witnesses:

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