

No. 612,764.

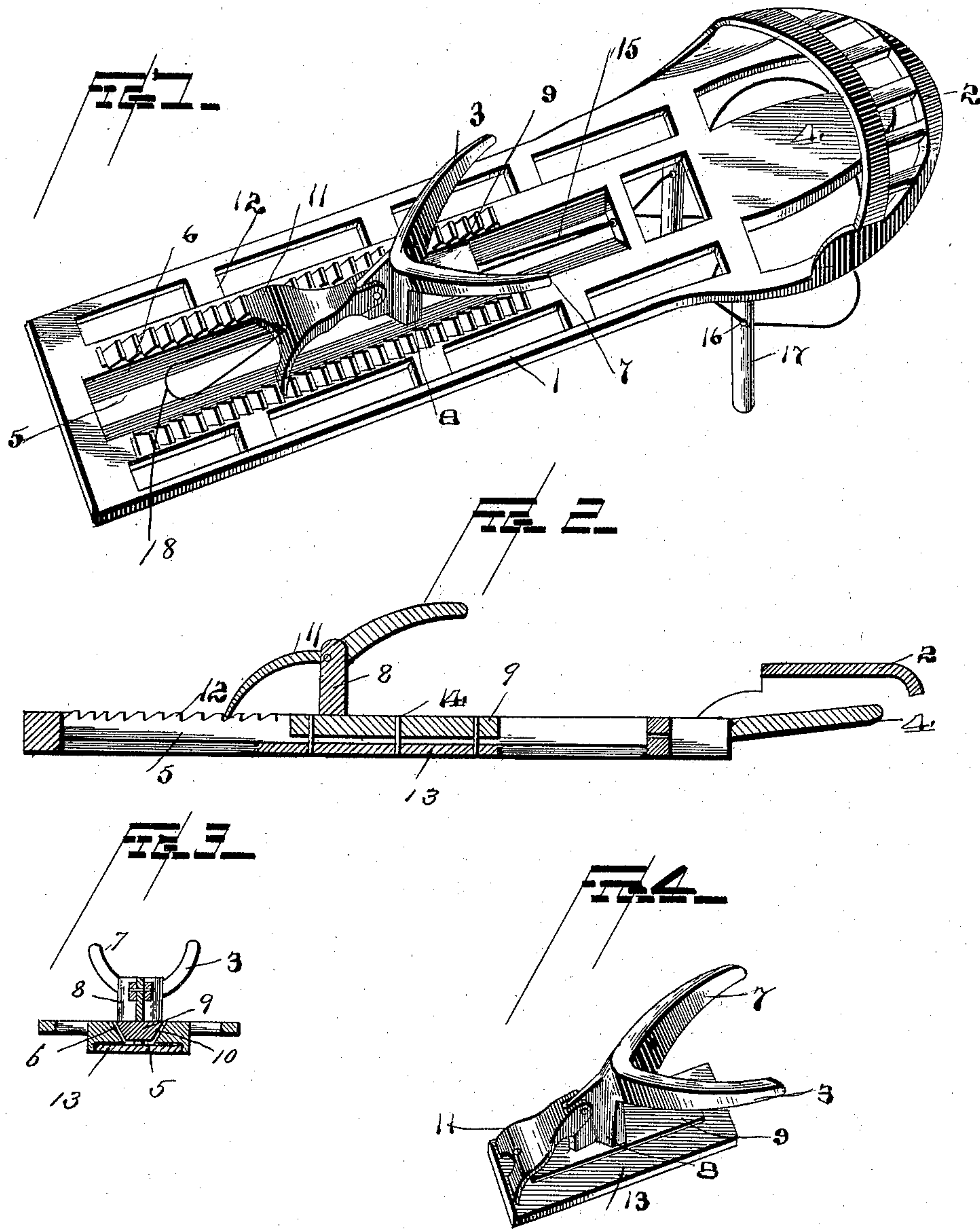
Patented Oct. 18, 1898.

J. ANDERSON.

BOOTJACK.

(Application filed Sept. 20, 1897.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN ANDERSON, OF OPECHEE, MICHIGAN.

BOOTJACK.

SPECIFICATION forming part of Letters Patent No. 612,764, dated October 18, 1898.

Application filed September 20, 1897. Serial No. 652,350. (No model.)

To all whom it may concern:

Be it known that I, JOHN ANDERSON, a citizen of the United States, residing at Opechee, in the county of Houghton and State of Michigan, have invented certain new and useful Improvements in Bootjacks; 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 improvements in bootjacks; and it consists of certain novel constructions which will be hereinafter more particularly set forth and claimed.

In the accompanying drawings, forming part of this specification, Figure 1 represents a perspective view of the jack embodying my invention. Fig. 2 represents a central vertical longitudinal section through the same. Fig. 3 represents a central vertical transverse section, and Fig. 4 represents an enlarged detail perspective view of the adjustable heel-bits.

1 in the drawings represents the base portion, 2 the toe portion, and 3 the adjustable heel portion. Said base portion 1 may be constructed of any desired material and shape, but is preferably made, as shown in the drawings, out of cast metal with a plurality of fancy openings, as is usual in metallic foot-rests. The forward portion of said base is provided with a spring-tongue 4, over which the toe-piece 2 projects. By this means the foot may be forced into or under said toe-piece and held firmly in position by said spring 4, which yields downward to permit such entrance of the toe. Said base portion 1 is further provided with an elongated slot 5, the side walls of which are beveled upon the top to form guide-flanges 6 6. Said heel-piece 3 comprises a yoke 7, a vertical standard 8, supporting the same, and a slide-block 9, connected to the lower end of said standard and having beveled side walls 10, adapted to rest upon the inclined guides 6 6. Said heel portion 3 is further provided with a downwardly-projecting pivoted pawl 11, adapted to engage rack-teeth 12 12, formed upon the respective opposite sides of the slot 5. A flat plate 13 is adapted to slide upon the under side of the

guide 6 and is connected by a stud 14 to the under side of the slide 9. The forward portion of the plate 13 is connected to a cord or chain 15, which passes forward through suitable apertures formed in the frame and apertures 16, formed in supporting-legs 17, which are secured to the forward portion of said base. The opposite ends of said cord 15 pass up upon the opposite sides of the base 1 and are connected together above the same, whereby they may be readily grasped and pulled to draw the heel-piece forward against the heel. In order to disengage the pawl 11 from the rack 12 12 and permit the heel-piece 3 to slide backward when it is desired to disengage the foot from the jack, I secure a cord or chain 18 to said pawl, which may be grasped and operated by the hand.

It will be observed from the foregoing description that after the foot is forced under the toe-piece and the heel-clamp drawn forward the boot is secured both at the toe and heel and may readily be removed without any liability of the same slipping from the grip. Said boot may be instantly disengaged from the jack after being removed from the foot by raising the pawl 11 by means of its cord or chain.

The construction and operation of this device are very simple, but the locking action is very positive, as the boot is held in position after the heel-clamp has been advanced against any possible displacement until said heel portion is again released.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a bootjack, the combination with a suitable base, of a yielding toe-piece extension of said base, and a movable heel-clamp also mounted on said base, substantially as described.

2. In a bootjack, the combination with a suitable base having a toe-clamp, of a movable heel-clamp mounted on said base, and a pawl pivotally mounted on said heel-clamp and adapted to engage suitable projections mounted on the base, substantially as described.

3. In a bootjack, the combination with a

suitable base, of a spring toe-clamp mounted thereon, and a heel-clamp also mounted on said base, substantially as described.

4. In a bootjack, the combination with a
5 suitable base, of a spring-tongue mounted on the forward end of the same, a toe portion mounted over said tongue, and a heel-clamp also mounted on said base, substantially as described.

10 5. In a bootjack, the combination with a suitable base, a toe-clamp mounted thereon, a slide mounted on said base, a heel-clamp mounted on said slide, and a locking-pawl for securing said slide in its adjusted positions,
15 substantially as described.

6. In a bootjack, the combination with a suitable base, a toe-clamp mounted thereon, a slide mounted on said base, a heel-clamp

mounted on said slide, and a chain or cord connected to said slide for moving the same 20 forward, substantially as described.

7. In a bootjack, the combination with a suitable base, of a toe-clamp mounted thereon, a slide mounted on said base, a heel-clamp mounted on said slide, a pivoted pawl also 25 mounted on said slide and adapted to engage suitable projections upon the base, and a cord or chain for moving said slide forward, substantially as described.

In testimony whereof I have signed this 30 specification in the presence of two subscribing witnesses.

JOHN ANDERSON.

Witnesses:

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HENRY ADAMSON.