

(No Model.)

J. M. WILKINSON.

BOOT STRAP.

No. 326,187.

Patented Sept. 15, 1885.

Fig. 1.

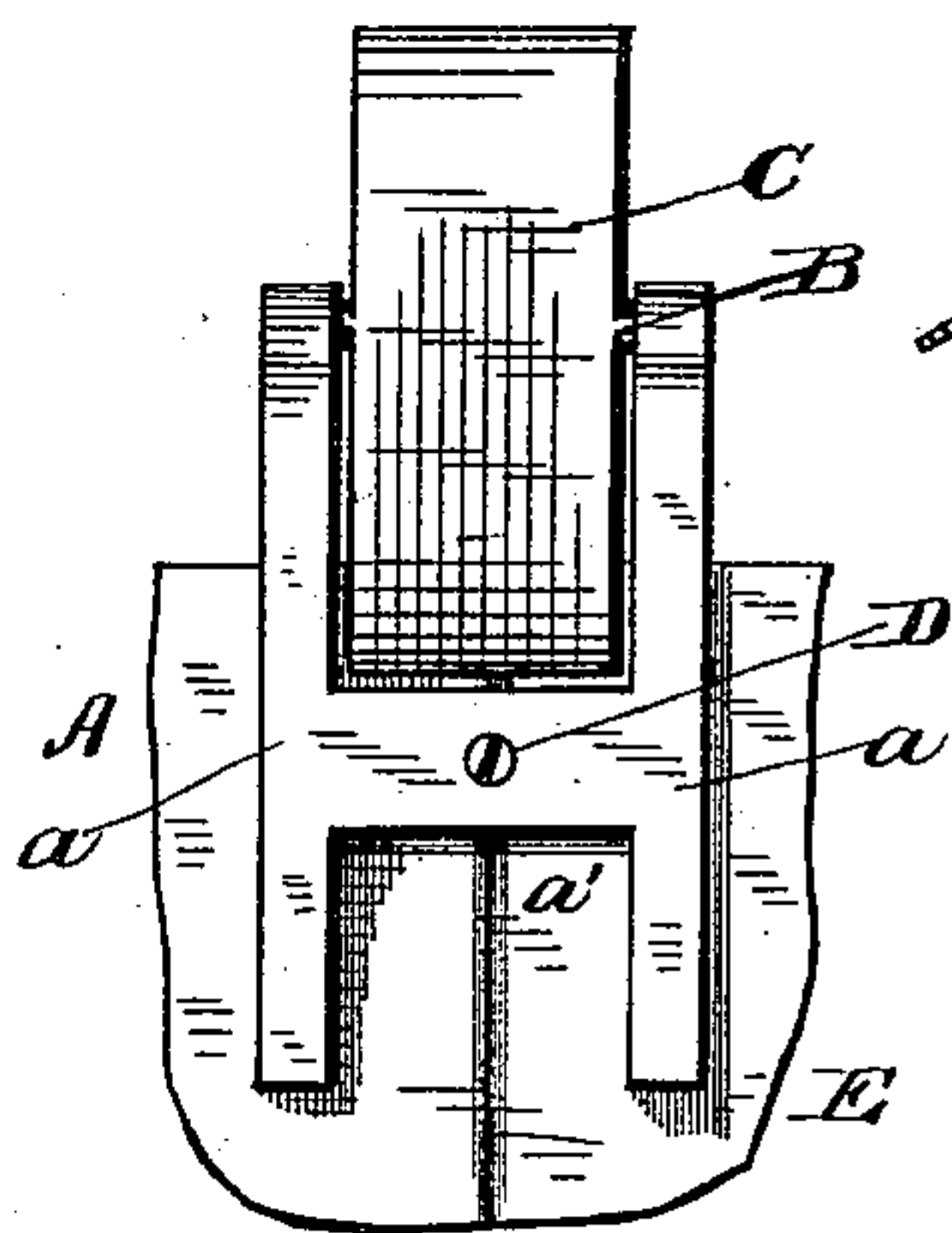


Fig. 3.

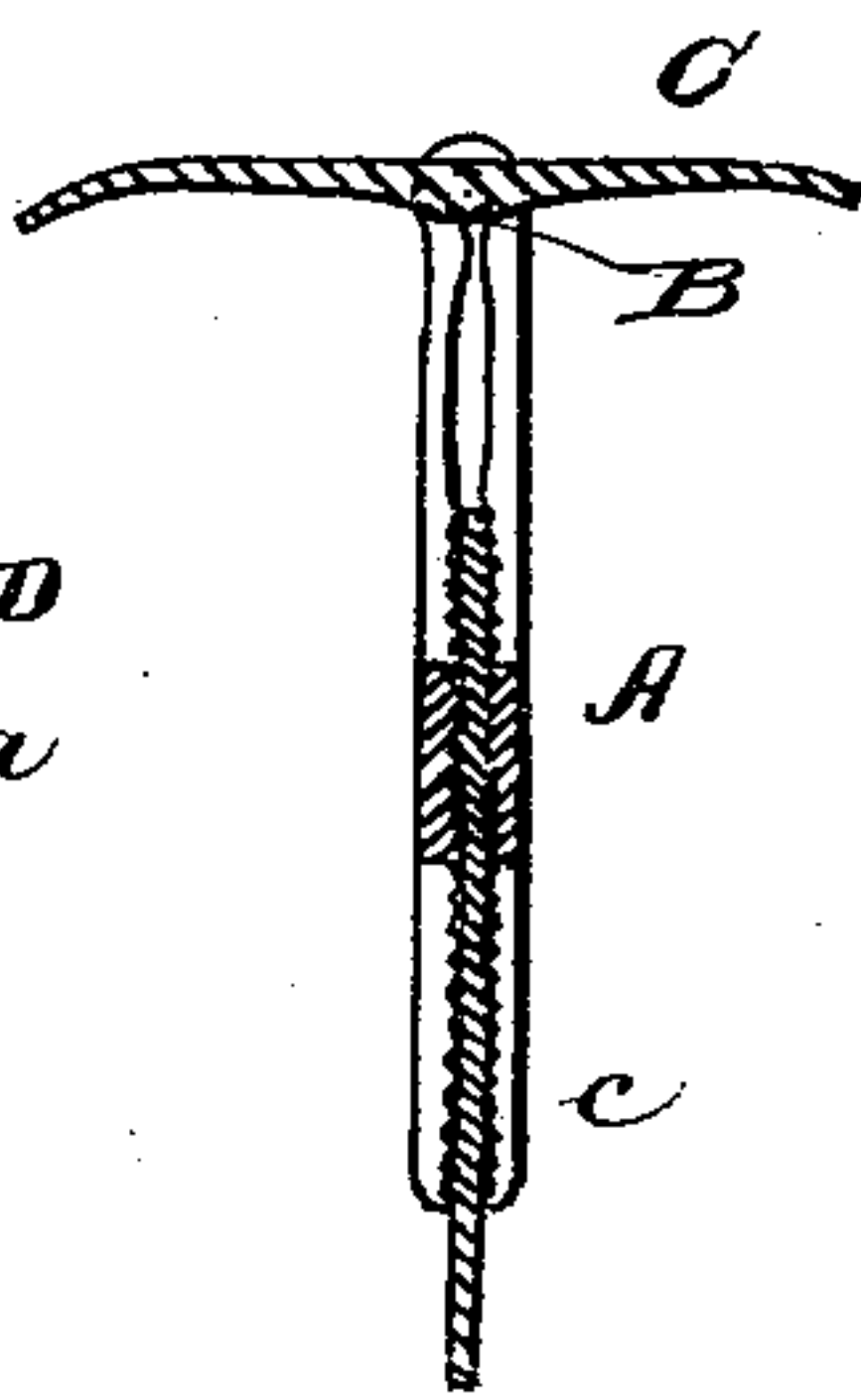


Fig. 2.

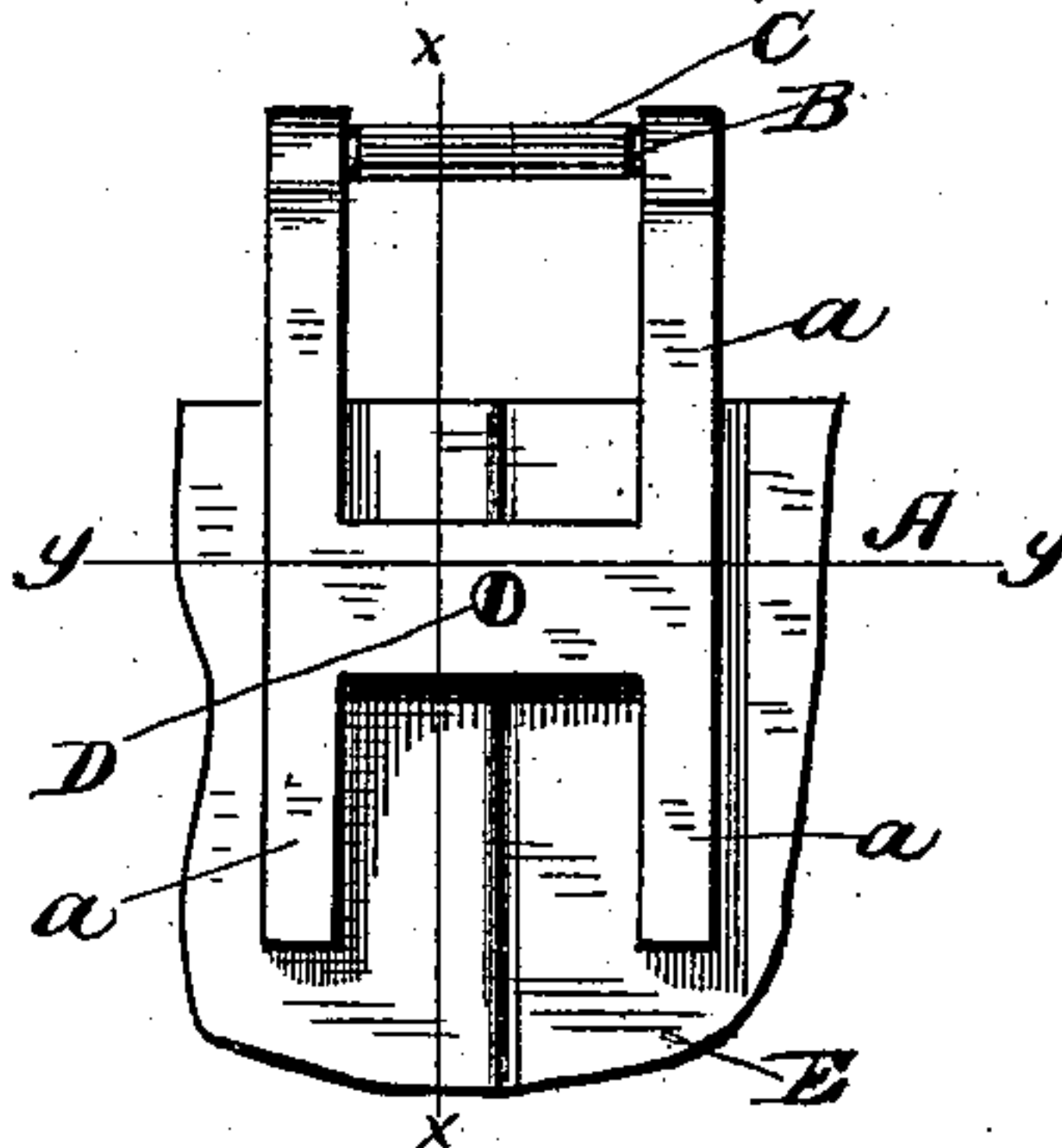
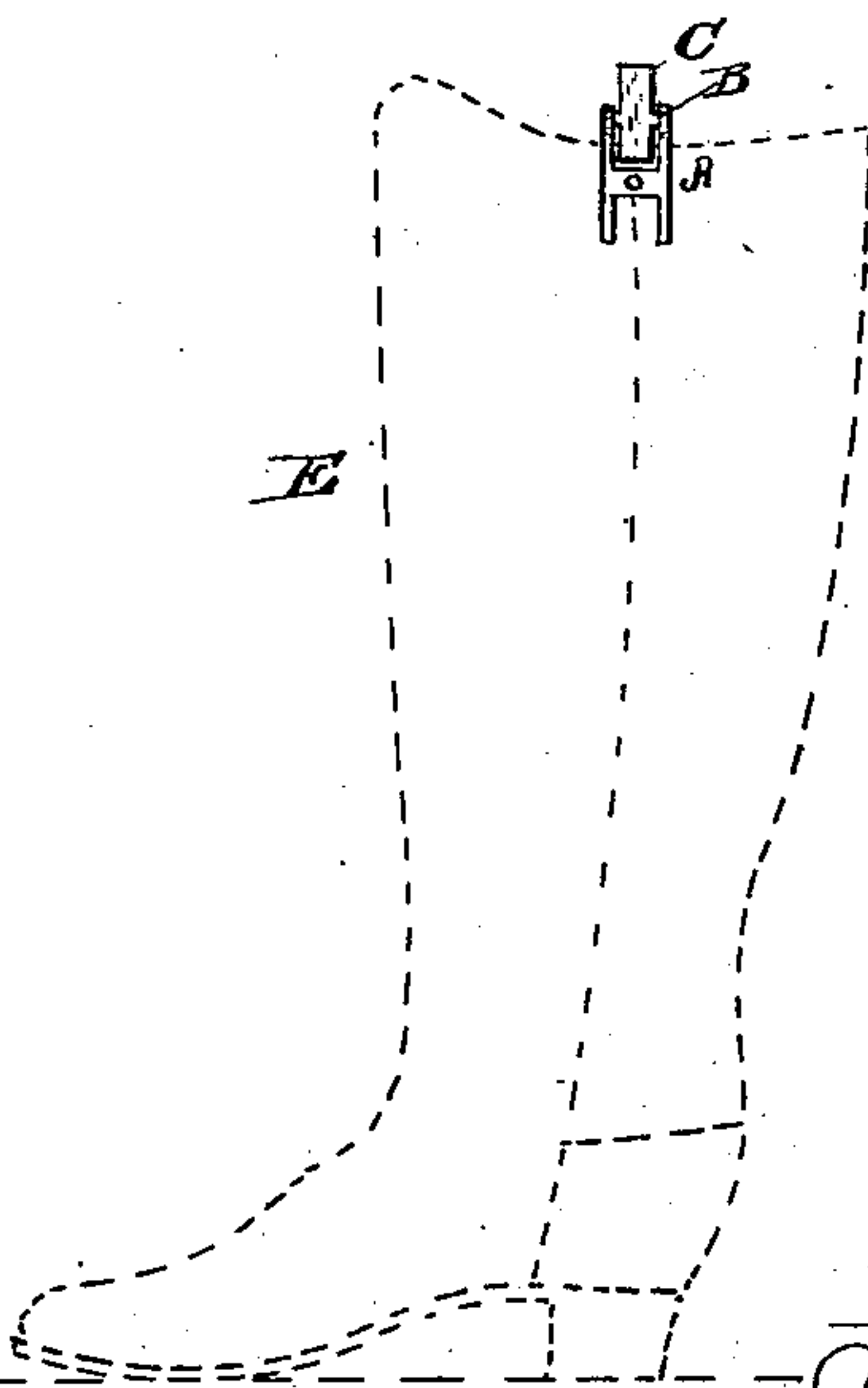


Fig. 4.



Fig. 5.



Attest
W. H. Knight;

Inventor:
J. M. Wilkinson
By his Attorneys
Edson Bros.

UNITED STATES PATENT OFFICE.

JOHN M. WILKINSON, OF IUKA, MISSISSIPPI.

BOOT-STRAP.

SPECIFICATION forming part of Letters Patent No. 326,187, dated September 15, 1885.

Application filed February 14, 1885. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. WILKINSON, a citizen of the United States, residing at Iuka, in the county of Tishomingo and State of Mississippi, have invented certain new and useful Improvements in Boot-Straps, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in boot-straps, having for its object to provide a strap which shall be simple, strong, and durable in construction, efficient in operation, cheap of manufacture, and one which can be readily and quickly detached and removed from the boot-leg, substantially as hereinafter fully set forth and claimed.

To these ends the invention consists of two plates of peculiar construction, each plate having two vertical arms connected by a horizontal plate in the form of the letter H, the arms extending upwardly from the plate, the arms being preferably connected together at the upper ends with the vertical arms, while from the inner half of the strap, in which are journaled the trunnions of a plate, which have their bearings in the vertical lines at their point of intersection or union, the inner faces of the arms are corrugated to engage opposite sides of a portion of the boot-strap, and held together by a set-screw working through the horizontal and opposite sides of the leather plates, all as hereinafter fully set forth.

In the drawings hereto annexed, which form a part of this specification, Figure 1 is a side elevation of my improved boot-strap, showing the plate on which the strain or pull is exerted in a vertical position. Fig. 2 is a similar view showing the pull-strap in a horizontal position for use. Fig. 3 is a vertical section on line *x x* of Fig. 2. Fig. 4 is a transverse sectional view taken on the line *y y* of Fig. 2. Fig. 5 is a view showing a boot in dotted or hatched lines, and my device applied thereto in full lines.

Referring to the drawings, in which like letters of reference indicate like parts in all the figures, A A designate plates, which connect two vertical arms, *a a*, preferably united at their upper ends or made in one piece, as preferred, in which, at the point of intersection or union, are formed bearings for the trunnions of the plate C, to which power is

applied on pulling on the boot. The plate C is swung to a horizontal position for use, but slants in a vertical position, with its lower end between the upwardly-projecting arms when not in use.

The frame of the pivoted plate C is preferably formed of sheet metal, and cut or stamped out in one piece, and folded upon itself, (see Fig. 3,) thus securing a strong, durable, and light clamp.

The inner faces of the vertical arms of the plates are corrugated, as at *c*, and the horizontal plates are provided with apertures, which are coincident, one of which is provided with a female screw-thread, in which is adapted to work a set-screw, D, adapted to draw the plates against the upper portion of the leg of the boot to prevent the clamp from becoming displaced. By removing the set-screw the strap can be readily detached, as is obvious.

If desired, the inner edges of the upper portion of the vertical arms may be beveled or chamfered to adapt the plate C to snugly fit therein.

The screw D passes through the apertures in the horizontal plates and the intermediate leather of the boot-leg, tightly clamping them together.

Modifications in form and proportion of parts can be made without departing from the spirit or sacrificing the advantages of my invention—as, for instance, the corrugation may be placed on the horizontal plates in lieu of and in addition to corrugations on the arms, and the horizontal plates can be extended lower down on the arms.

In lieu of the comparatively broad and flat plate C, I can use in its stead an oval or even cylindrical shaped bar, which, however, would occupy a little more space horizontally when not in use than the plate.

The operation of my invention is obvious from the foregoing description, taken in connection with the drawings, and need not be further described herein.

To permit the corrugated portions to come in contact with the leather and relieve the seam from undue strain, I cut away or spring out those portions of the horizontal plates which come directly over the seam.

What I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A metallic strap-plate adapted to be secured to a boot-leg, and provided with a pull plate or bar pivoted thereto, and adapted to be swung into a horizontal position when in use and into a vertical position when not in use, as and for the purpose specified.

2. The combination of a metallic strap adapted to be attached to a boot-leg with a pivoted pull-plate, C, arranged substantially as shown and described.

3. The combination of a metallic strap adapted to be secured to a boot-leg, having corrugated surfaces, with a pivoted pull-piece adapted to be swung into either a horizontal

or a vertical position, as and for the purpose specified.

4. The combination, with the pull-piece, of the metallic strap folded upon itself, and having bearings for the trunnions of the pull-piece and corrugated surface, as and for the purpose specified.

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

JOHN M. WILKINSON.

Witnesses:

E. S. CANDLER, Sr.,

E. S. CANDLER, Jr.