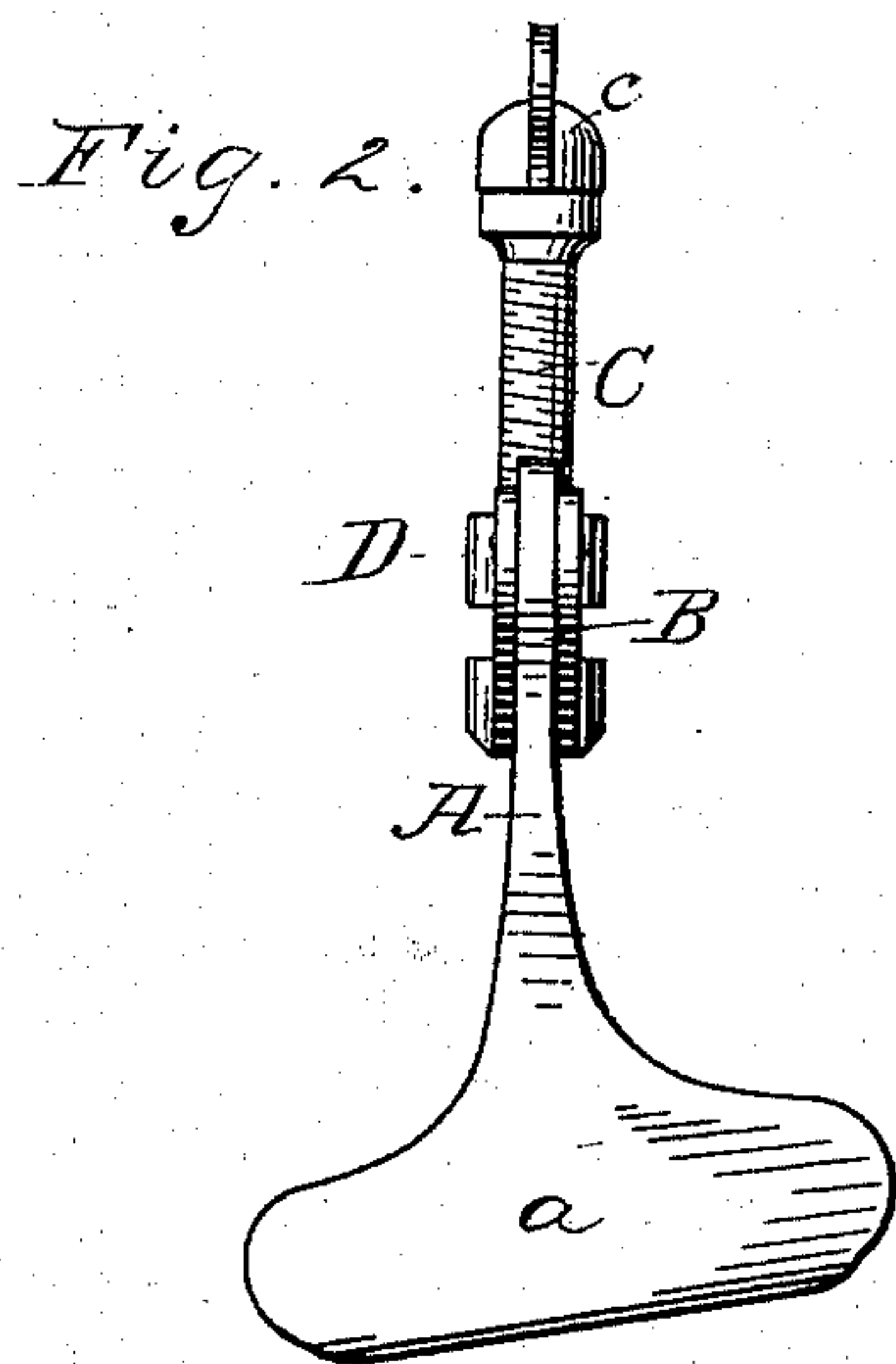
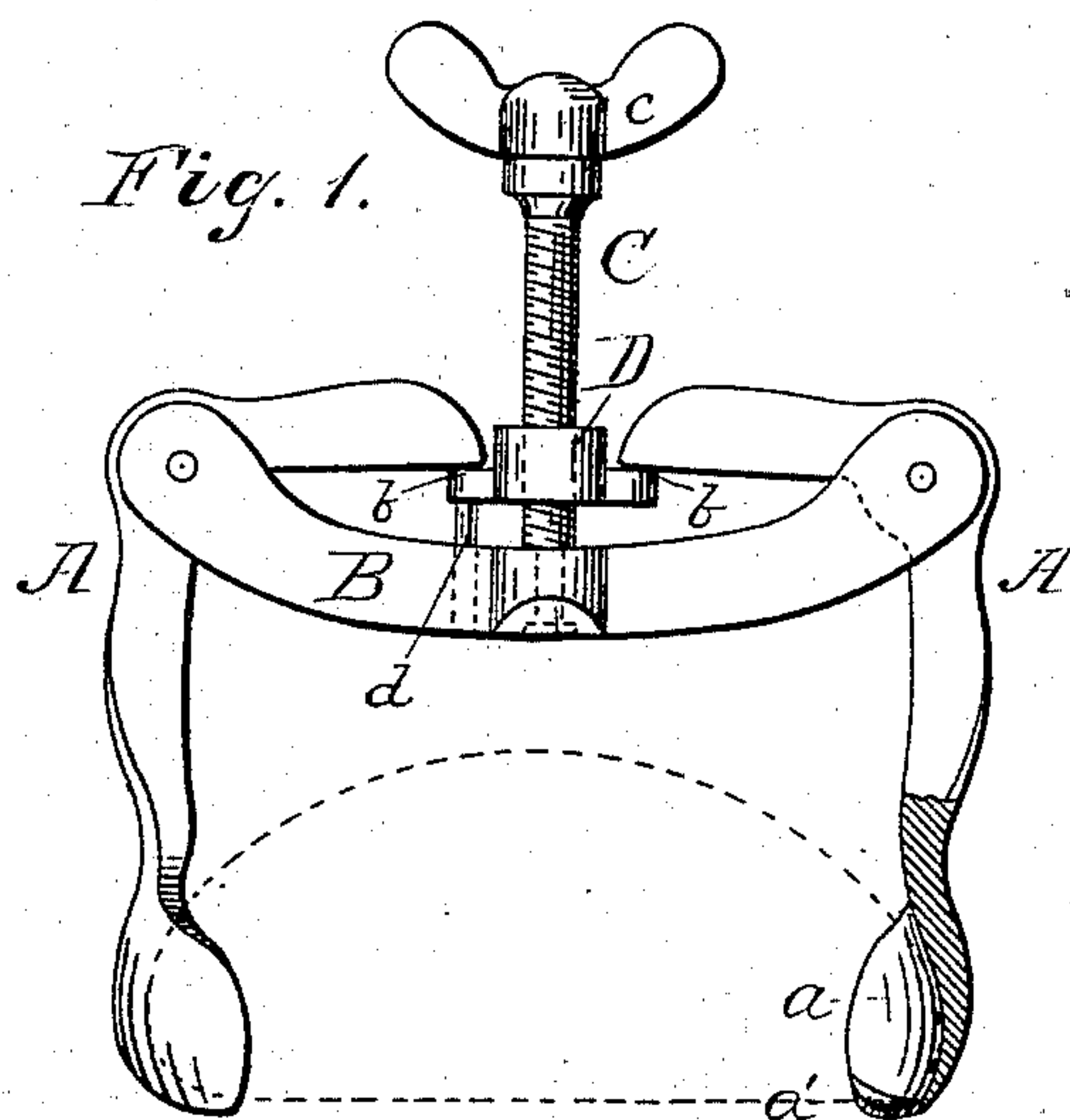


(No Model.)

O. T. X. ADAMS.  
BOOT OR SHOE CLAMP.

No. 278,385.

Patented May 29, 1883.



Witnesses:

*Frank D. Thomson*

*S. S. Schoff*

Inventor:

*Orestes J. Adams*

by *James H. Coyne*

*Att'y*



# UNITED STATES PATENT OFFICE.

ORSEMAS T. X. ADAMS, OF CHICAGO, ILLINOIS, ASSIGNOR TO ELDRIDGE S. PRATT, OF SAME PLACE.

## BOOT OR SHOE CLAMP.

SPECIFICATION forming part of Letters Patent No. 278,385, dated May 29, 1883.

Application filed October 14, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, ORSEMAS T. X. ADAMS, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Boot or Shoe Clamps; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of my invention is to furnish a simple, effective, and cheap clamping device for holding the uppers of boots or shoes on the last while the soles are being sewed there-to according to the process of E. S. Pratt, patented April 6, 1880, No. 226,193. This I accomplish by means of inverted-L-shaped levers fulcrumed at their angles at either end of a fulcrum-bar and operated by a head moving vertically on a screw, as will be hereinafter fully described, and as illustrated in the drawings, in which—

Figure 1 is a front elevation, and Fig. 2 is a side elevation, of my invention.

In the drawings, A A represent the inverted-L-shaped clamping-levers, the lower portion, *a*, or the part that grasps the last, being flared and concave on the inner side, so as to conform to the convex surface of that part of the last between the upper and the sole corresponding to the ball of the foot or arch of the same under the instep. These levers are fulcrumed at their angles in or near the ends of the fulcrum-bar B in such a manner that their upper arms pursue an inward course toward the screw C, their respective ends resting upon suitable seats, *b b*, projecting laterally in opposite directions from the head D. The head D is tapped to receive said screw, and has projecting downward from its under surface one or two guide-pins, which enter corresponding holes in the fulcrum-bar and prevent the head from oscillating or revolving as the screw C is manipulated by means of a suitable finger-grasp, *c*, affixed to the top end thereof. The thread of the screw C terminates at or immediately above the upper surface of the fulcrum-bar, and that portion of the same which passes through said bar is stepped, and is of a less diameter than the threaded part of the screw, and has on its lower end an enlarge-

ment to hold the same securely in position. The lower edges of the flared part of the levers A are provided with an inwardly-projecting flange or rim, *a'*, which is adapted to so hold that part of the upper which is placed against the insole to the last that the sole-edges of the same can be easily turned outward and the welt placed thereon and the whole sewed to the lower sole, substantially as described and shown in the aforesaid patented process of E. S. Pratt.

The invention as above described is adapted to straddle the last and clasp and hold the leather of the upper to the same in the manner shown and described, and is capable of easy adjustment to any width last by turning the screw to the right or left, according as it is desired to raise the head, thus decreasing the distance between the grasping-surfaces of the levers or lowering the head, and thus separate said grasping-surfaces.

It will be perceived that the above clamping device can be easily and speedily adjusted to the last, and that it is simpler and less complicated, therefore more efficient and less likely to need repairs, than those now in use.

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

1. A clamping device having inverted-L-shaped clamping-levers pivoted at their angles and adapted to grasp or release a last according to the vertical movement of a head provided with projecting seats upon which the ends of the upper arms of said levers rest, substantially as hereinbefore described.

2. In a boot or shoe clamp, the combination, with the inverted-L-shaped clamping-levers A A and the fulcrum-bar B, of the head D and screw C, as and for the purpose specified.

3. In a boot or shoe clamp, a head moving vertically on a screw, having one or two downwardly-projecting guide-rods which move in suitable perforations in the fulcrum-bar, in combination with the clamping-levers, as hereinbefore specified.

In testimony that I claim the foregoing as my own I hereunto affix my signature in presence of two witnesses.

ORSEMAS T. X. ADAMS.

Witnesses:

JAMES H. COYNE,

FRANK D. THOMASON.