

No. 734,941.

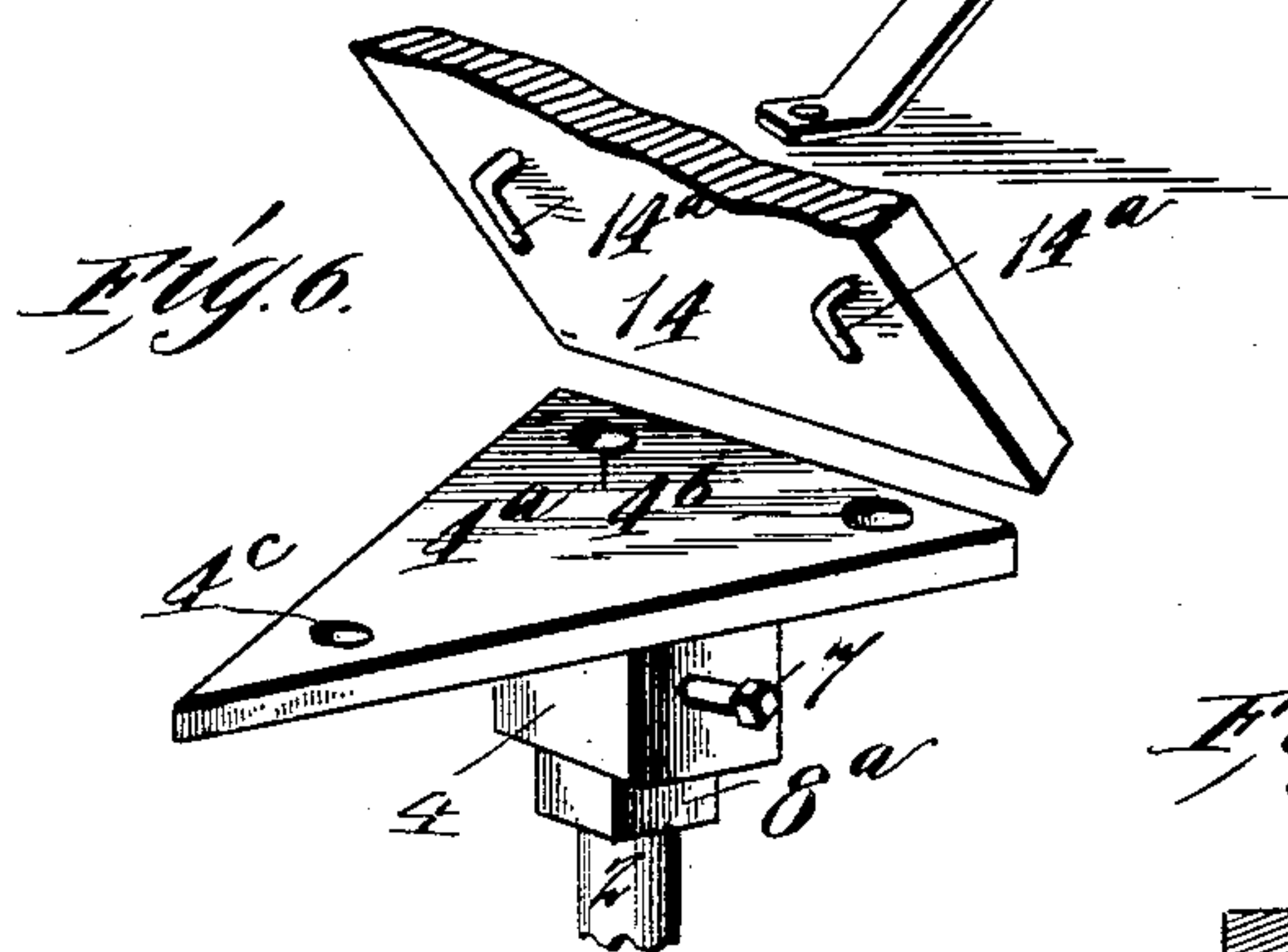
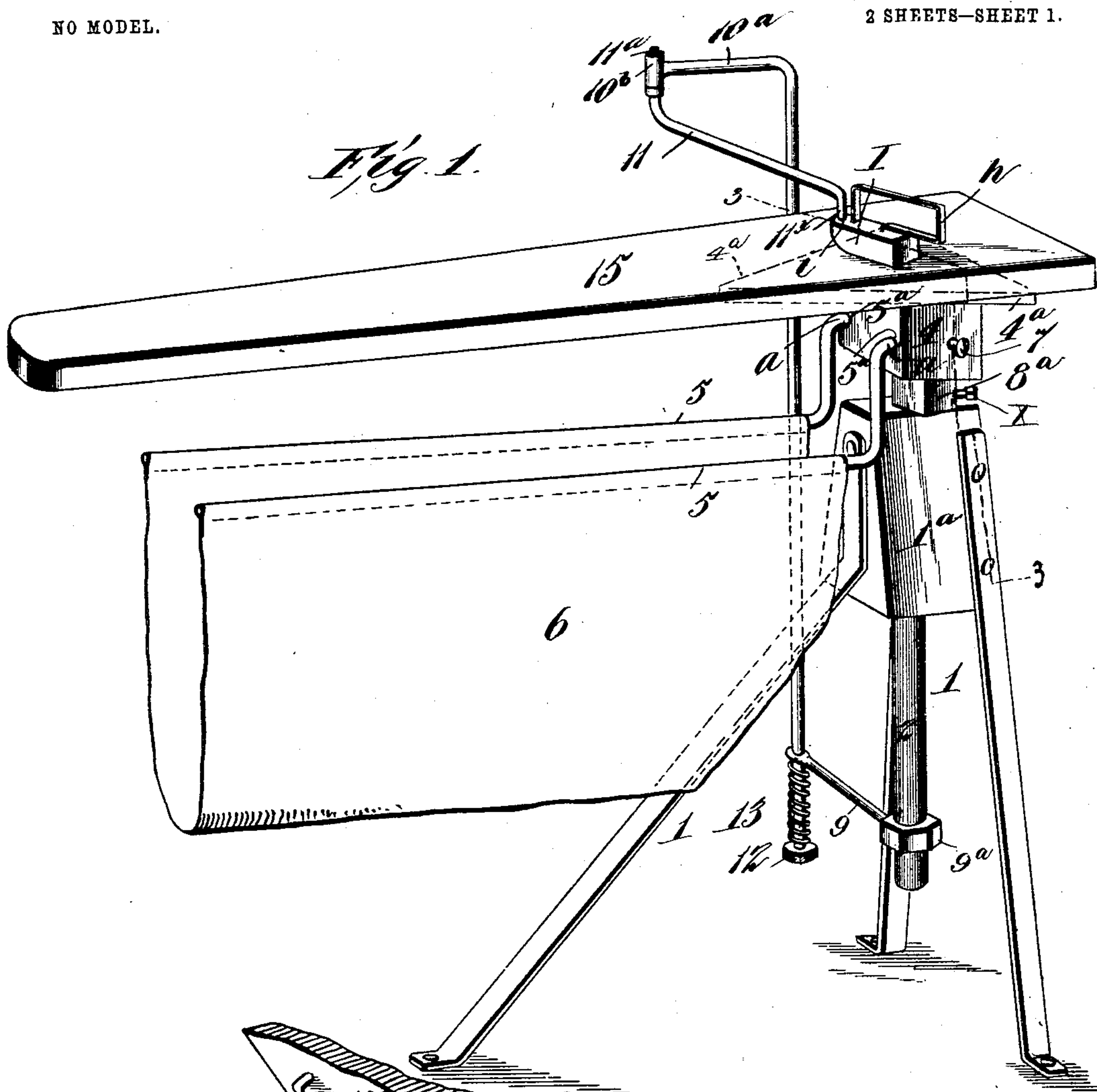
PATENTED JULY 28, 1903.

J. A. PIERCE.  
IRONING BOARD.

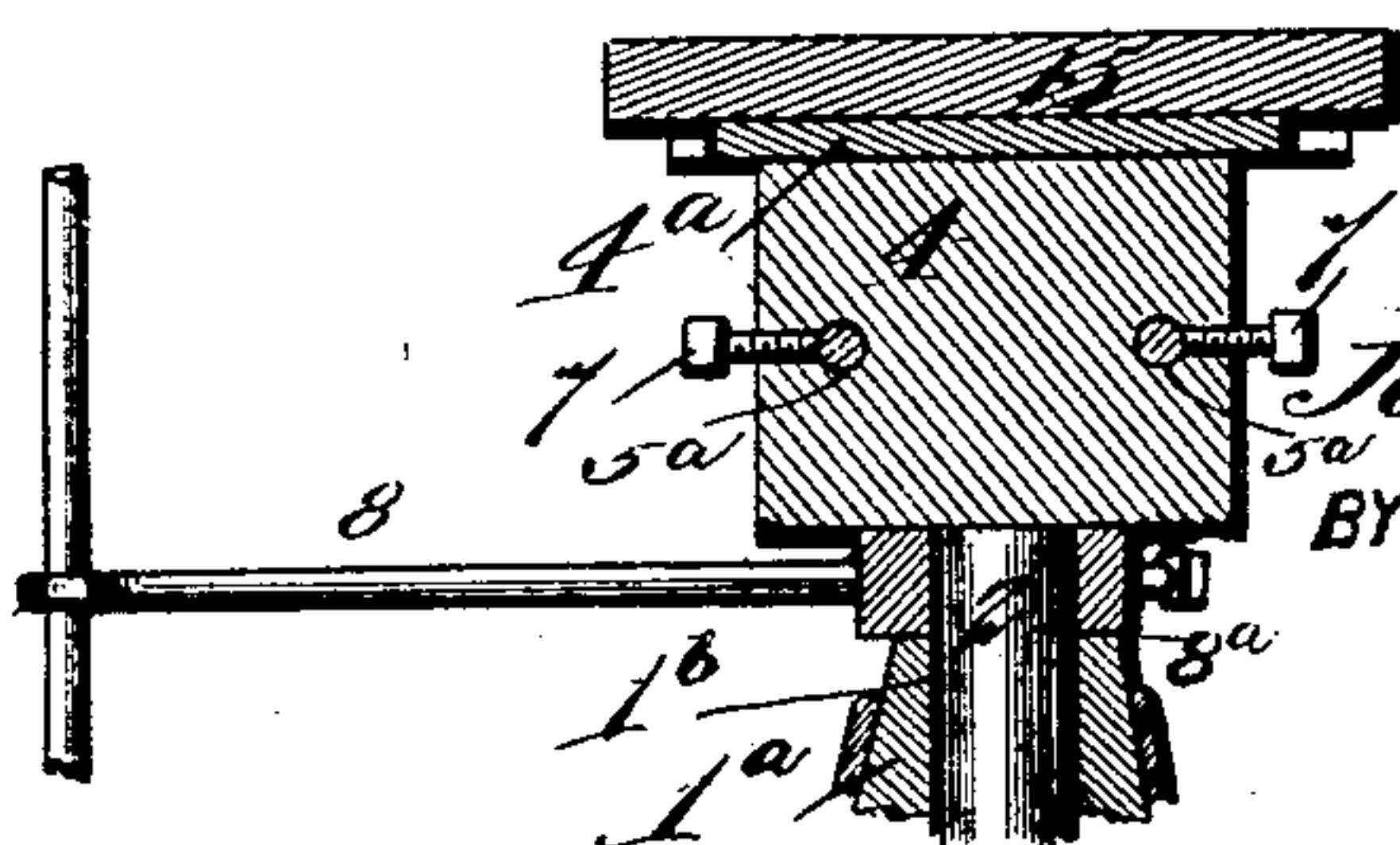
APPLICATION FILED NOV. 7, 1902.

NO MODEL.

2 SHEETS—SHEET 1.



*Fig. 3.*



WITNESSES:

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No. 734,941.

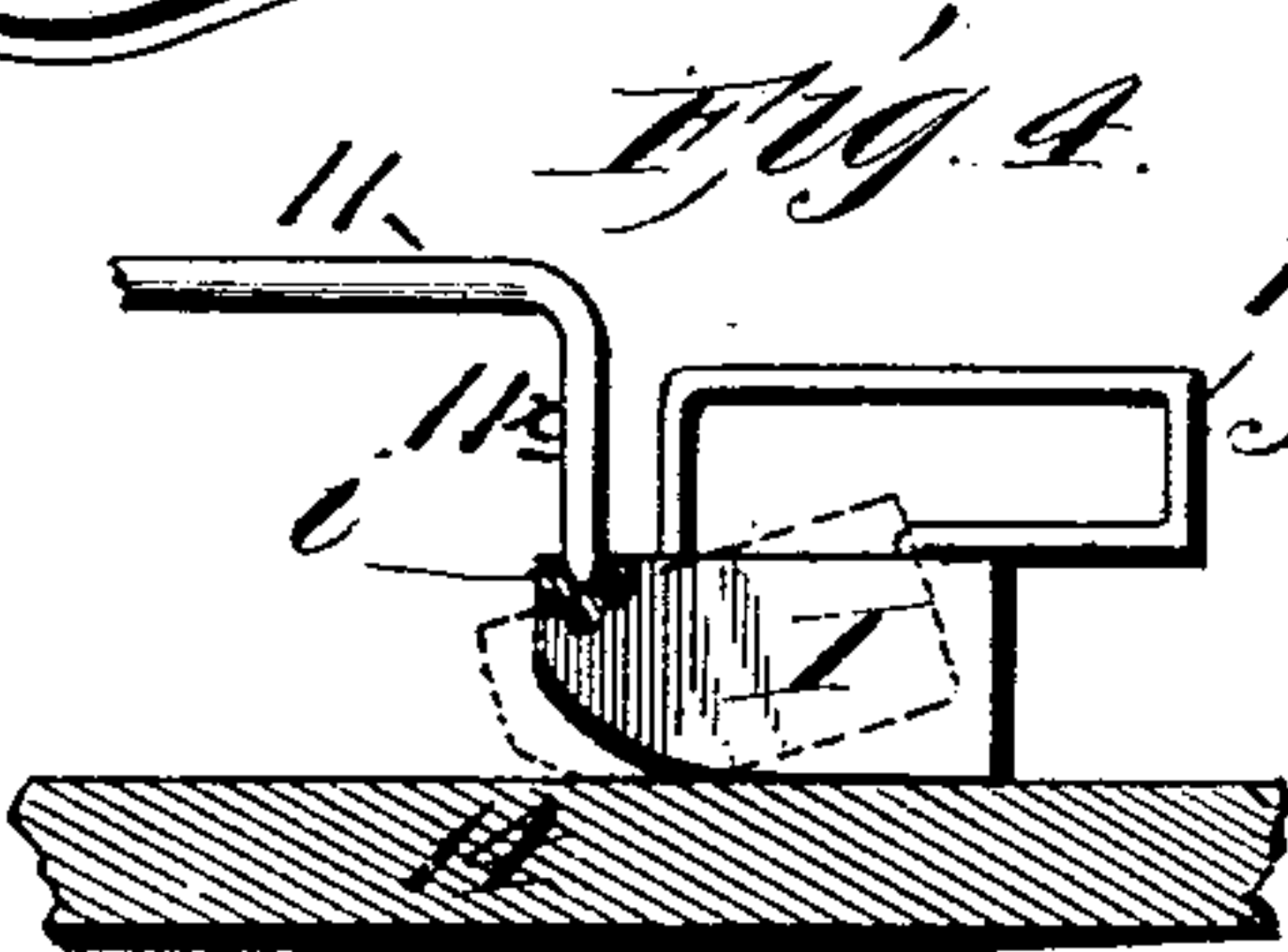
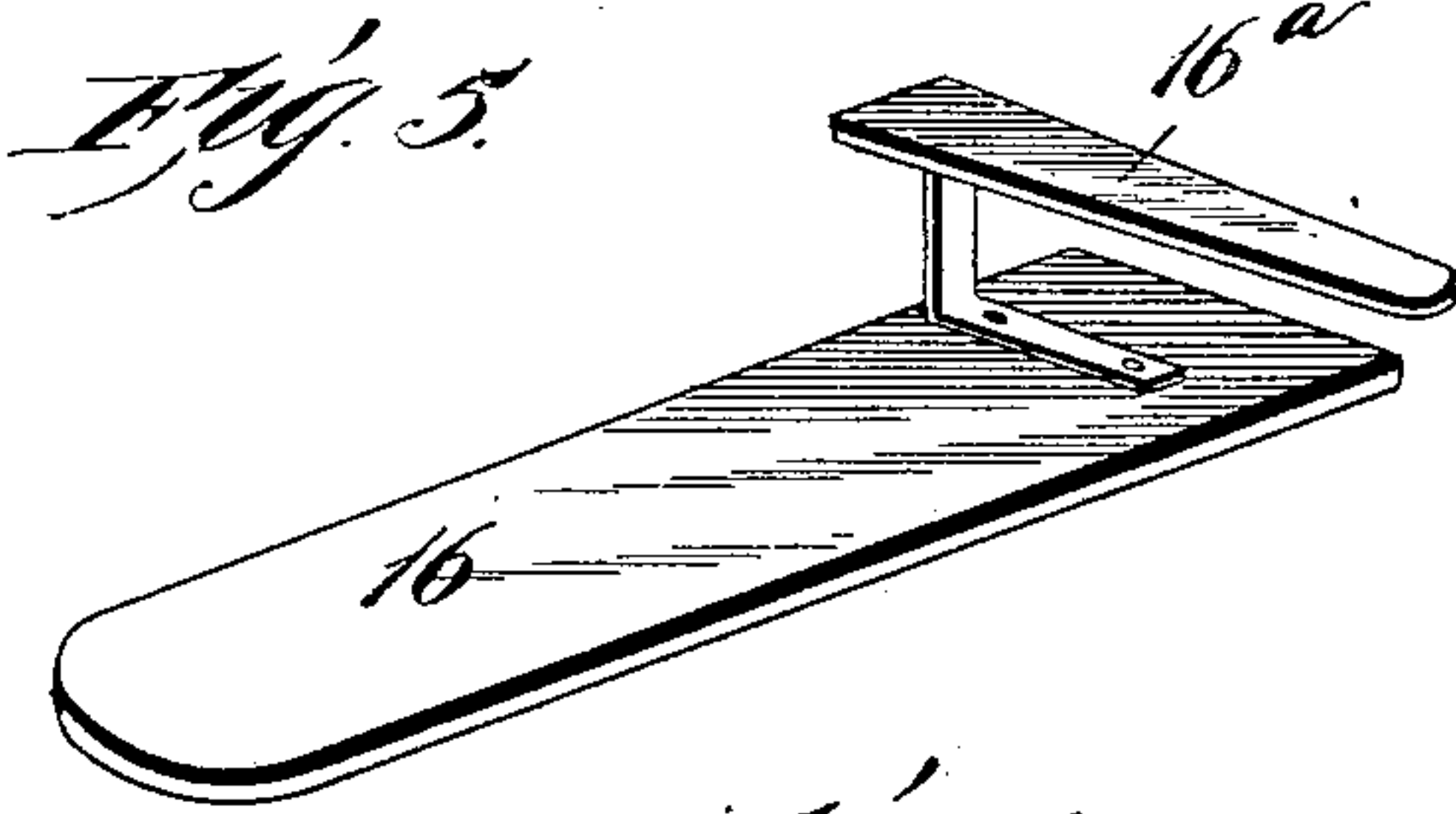
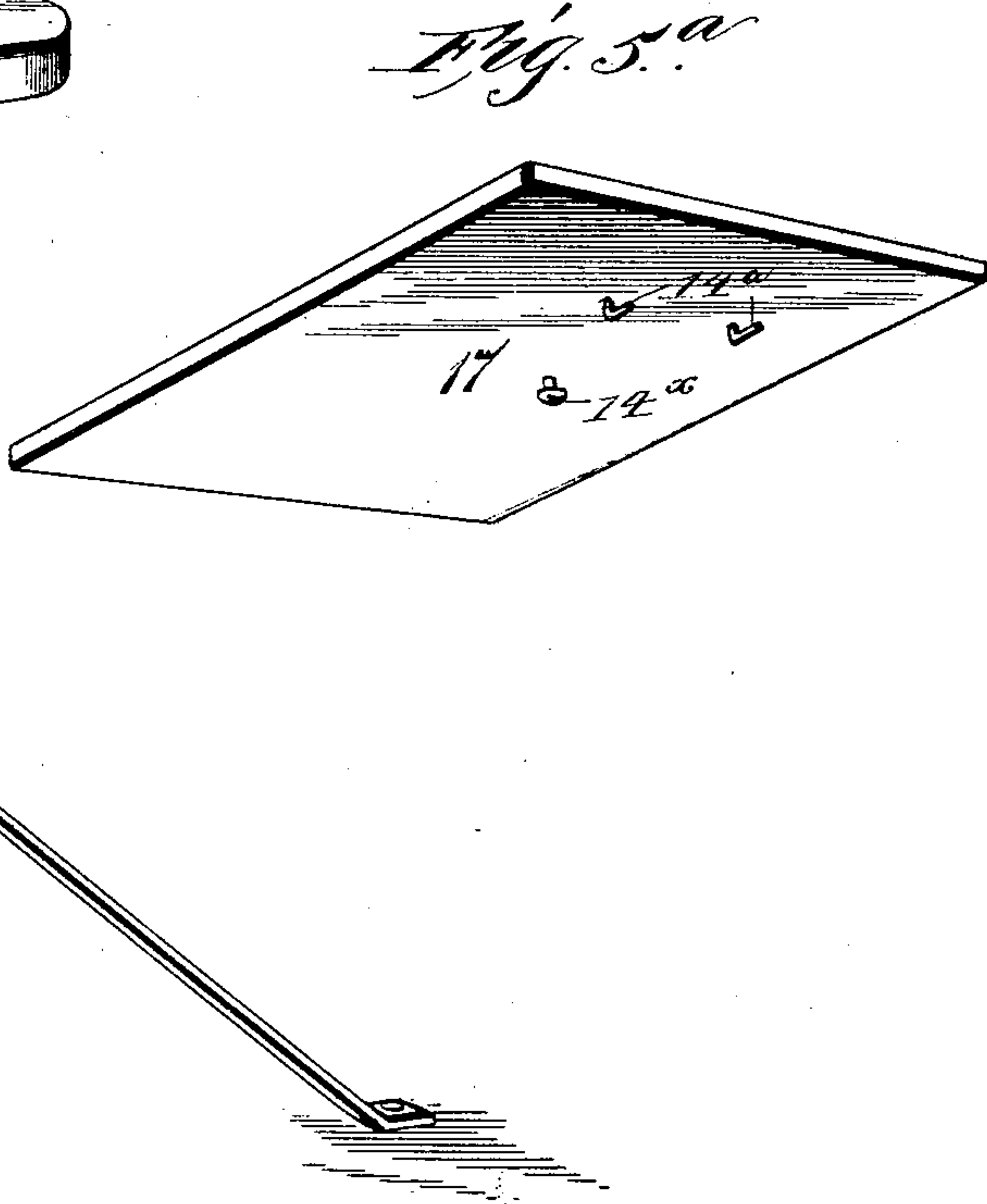
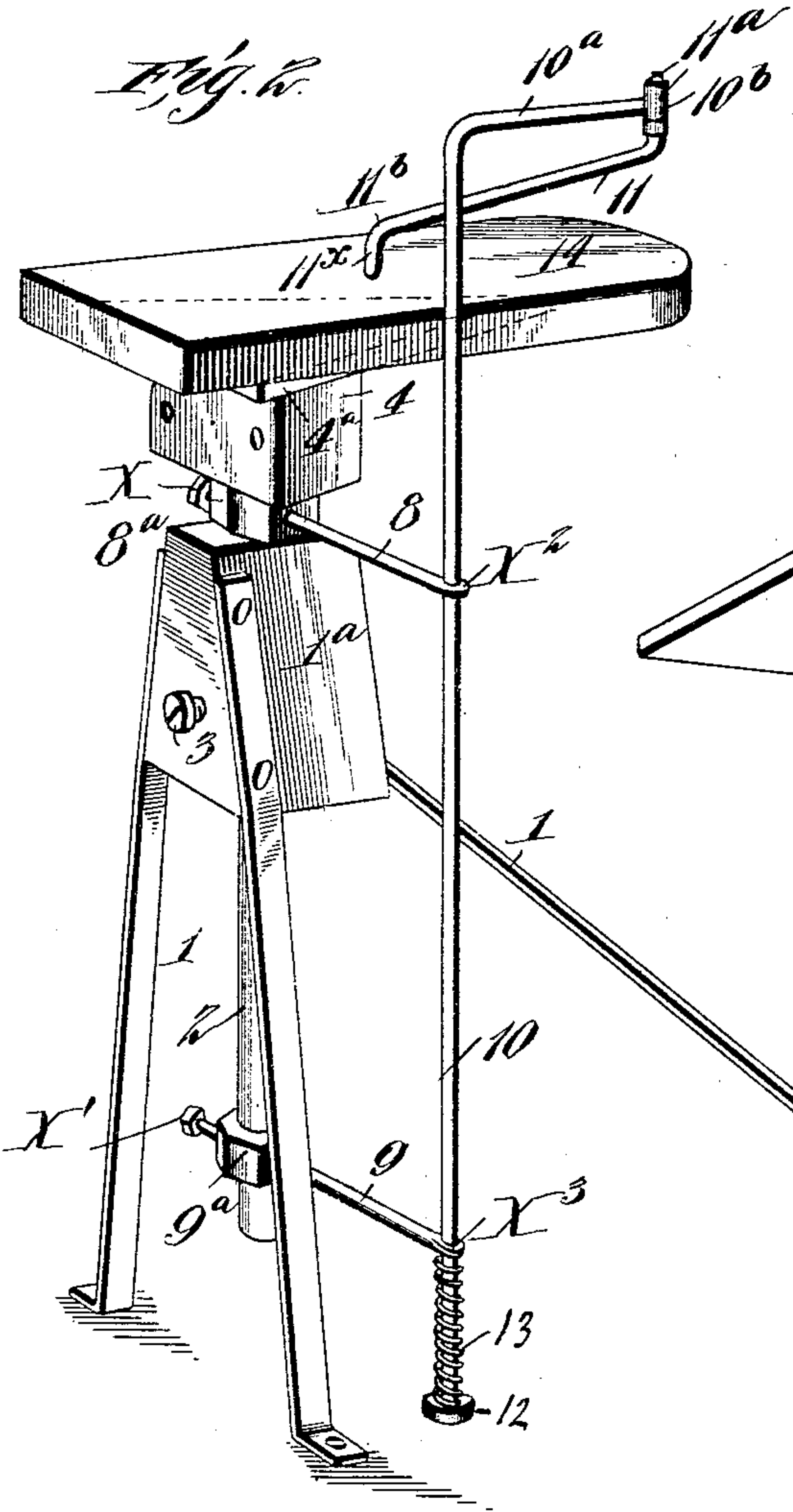
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2 SHEETS—SHEET 2.





# UNITED STATES PATENT OFFICE.

JOHN A. PIERCE, OF MIAMI, INDIAN TERRITORY.

## IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 734,941, dated July 28, 1903.

Application filed November 7, 1902. Serial No. 130,410. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN A. PIERCE, residing at Miami, Ottawa Nation, Indian Territory, have invented a new and Improved Ironing-Board, of which the following is a specification.

This invention relates to improvements in that type of ironing-boards in which is included a tension device for bearing the iron on the article being pressed and a vertically-adjustable stand adapted to support interchangeable presser-boards, and the said invention primarily seeks to provide an ironing-board of the character stated of a simple and economical construction in which the several parts are arranged to be conveniently manipulated and set to the different desired adjustments.

My invention comprehends, among other features, a peculiarly constructed stand, a board-carrying frame vertically adjustable on said stand, a guard or apron holding means attachable to and movable with the board-carrying frame, a tension mechanism for exerting the pressure on the iron, also joined to and vertically movable with the adjustable board-holding frame, and in its more subordinate features my invention embodies certain combinations and novel arrangement of parts, hereinafter fully explained, and specifically pointed out in the appended claims, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved ironing-board, the pants-presser board and the protecting-apron being shown in an operative position. Fig. 2 is a similar view, the board-holder supporting a shirt, collar, and cuff polishing board, the apron and the supports therefor being omitted. Fig. 3 is a transverse section of the parts as shown in Fig. 1, taken substantially on the line 3-3 of Fig. 1. Fig. 4 is a detail view, partly in section, illustrating the manner in which the polishing-iron is held under spring tension against the board. Fig. 5 illustrates the skirt-board, and Fig. 5<sup>a</sup> a table-section having means for connecting with the board-support. Fig. 6 is a detail perspective view of the head-block, a portion of the ironing-board being shown above.

In its practical construction my improved

ironing-board comprises, essentially, a supporting-tripod, a head-block mounted on a shank vertically adjustable on the tripod, a tension device for the pressing-iron, detachable apron-supports, and detachable and interchangeable ironing or presser board sections.

The tripod 1 comprises three legs joined at the upper end by cast member 1<sup>a</sup>, which is centrally apertured, as at 1<sup>b</sup>, and in which is held for vertical adjustment a shaft or stem 2, held to any of its adjustments by the set-screw 3. At the upper end the shaft or stem 2 has fixedly secured thereto or integrally formed therewith a head-block 4, provided with a triangular-shaped horizontal plate 4<sup>a</sup>, having a plurality of apertures 4<sup>b</sup> in its wide or base end and a single aperture 4<sup>c</sup> in its front or apex end, the reason for which will presently appear. The head-block 4 is also provided with a pair of parallel sockets 5<sup>a</sup> 5<sup>a</sup> to receive the ends *a a* of a pair of rods 5 5, which when fitted in the sockets 5<sup>a</sup> 5<sup>a</sup> project downwardly and horizontally forward from the front face of the head-block and in a plane below the board-holding plate 4<sup>a</sup> and parallel therewith to receive an apron 6, which hangs from the rods 5 5 to form a U-shaped pocket (see Fig. 1) to provide a guard for holding articles being pressed from dragging on the floor, said rods being adjustable toward and away from each other.

The rods 5 5 are held fast by set-screws 7 7, and when certain forms of ironing-boards are used—for example, as shown in Fig. 2—the rods 5 5 and the apron are preferably disconnected from the appliance and not used.

8 and 9 designate, respectively, upper and lower horizontal bracket-arms, both of which have apertured heads 8<sup>a</sup> 9<sup>a</sup> for slidably engaging with the shank 2, to which they are made fast by the set-screws *x x'*, and the bracket members 8 and 9 project laterally from the shank 2 in the same vertical plane and have their outer ends terminate in bearings *x<sup>2</sup> x<sup>3</sup>*, which register to form guides for a vertically-slidable tension-rod 10, the upper end of which in practice is held some distance above the iron-board plate as conditions may make desirable, and is bent at right angles to form a horizontal member 10<sup>a</sup>, whose outer end has a vertical bearing 10<sup>b</sup> for the stub-



axle 11<sup>a</sup> of a horizontally-swingable presser-bar 11, the outer end 11<sup>b</sup> of which is bent downward at right angles and terminates in a finger 11<sup>x</sup>, adapted to engage with the  
 5 socket *i* in the front end of the polishing-iron I, which may be of any ordinary construction; but in view of the peculiar coöperative arrangement of the iron-board-holding head-block and the tension device the iron is preferably a polishing-iron, such as is shown  
 10 in Fig. 1, from which it will be seen the presser-iron has the usual convex polishing-base, and it also has a handle provided with a rearwardly-extending portion *h*, which can  
 15 be utilized as a lever to conveniently increase or diminish the pressure on the polishing-iron to change its point of fulcrum or bearing at will by pressing down or elevating the handle *h*, the bearing or pressing member  
 20 11<sup>x</sup> being in the nature of a fixed fulcrum for the horizontal motion of the iron I relatively to the member 11, it being understood that in addition to the horizontal movement of the iron, independent of the member 11, it  
 25 also has movement with the said member as it (the member 11) swings laterally on its fulcrum.

The tension of the rod 10 is created by the coil-spring 13, which is disposed about the  
 30 lower end of the rod 10 between the lower bracket-arm 9 and the tension-collar 12, clamped on the rod 10.

14 designates the shirt, the collar, and cuff polishing board, which has a pair of angle-hooks 14<sup>a</sup> on its inner or straight end to interlock with the two apertures 4<sup>b</sup> in the base  
 35 end of the triangular-shaped board-holder 4<sup>a</sup> and the screw 14<sup>x</sup> to interlock with the aperture 4<sup>c</sup>. (See Figs. 5<sup>a</sup> and 6.)

40 15 designates the pressing-board, 16 the skirt and flat board, which also has a sleeve-board piece 16<sup>a</sup> attached to it, and 17 designates an ordinary table-section, which, as also the members 15 and 16, has angle-hooks  
 45 and a screw to interengage with the triangular member 4<sup>a</sup>, the several boards being interchangeably used.

From the foregoing, taken in connection with the accompanying drawings, it is thought  
 50 the manner in which my improved ironing-board can be conveniently used and its advantages will be readily apparent.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—  
 55

1. An ironing apparatus of the character described, comprising a stand, a board-support vertically adjustable on the stand, a tension device secured to and movable with the support for pressing the iron against the  
 60 board, said device including an arm mounted to swing in a horizontal plane over the board as set forth.

2. An ironing apparatus of the character described, comprising a stand, a support vertically adjustable on the stand and having  
 65 means for detachably supporting an ironing-board, a tension device secured to and movable with the support for pressing the iron against the board, said device including an  
 70 arm mounted to swing in a horizontal plane over the board, said arm having an articulated member adapted to sweep over the board independent of the movement of the main body portion of the arm, as set forth.

3. In an ironing apparatus of the character described; the combination with the stand, of a shaft vertically adjustable in said stand carrying a head-block adapted to detachably  
 80 support a presser-board, a tension device comprising supports mounted on the vertically-movable shaft, a vertically-disposed rod rotatably mounted in said supports and spring-pressed in a downward direction, said arm  
 85 having a horizontal portion adapted to project over the presser-board, a member pivotally supported on the horizontal portion provided with a downwardly-projecting end adapted to engage the pressing-iron, substantially as shown and for the purposes described.

4. In an ironing-board of the character stated; the combination with a stand, a vertically-adjustable shaft and the head-block on the upper end thereof, said block having  
 95 means for detachably supporting the board, and a pair of rods adapted to be detachably connected to the head-block and project downwardly and horizontally from the front  
 100 face of the head-block, said horizontal portion of the rods being adapted to lie in a plane parallel with the ironing-board, and adapted to be adjusted toward and away from each other, and an apron connected to the said  
 105 rods, substantially as shown and for the purposes described.

JOHN A. PIERCE.

Witnesses:

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