

No. 654,760.

Patented July 31, 1900.

J. D. PACE.
IRONING TABLE.

(Application filed Apr. 10, 1900.)

(No Model.)

Fig. 1.

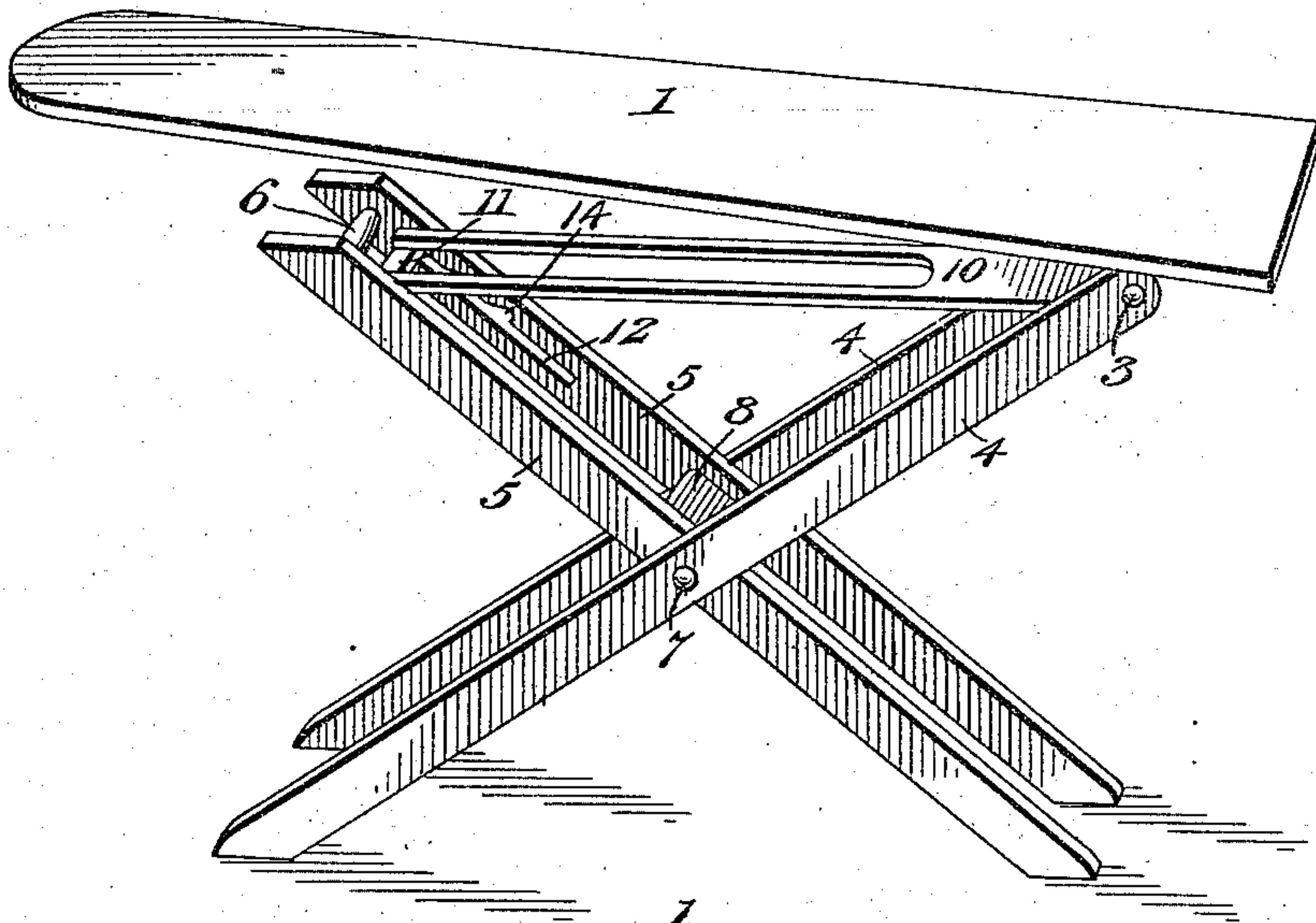


Fig. 2.

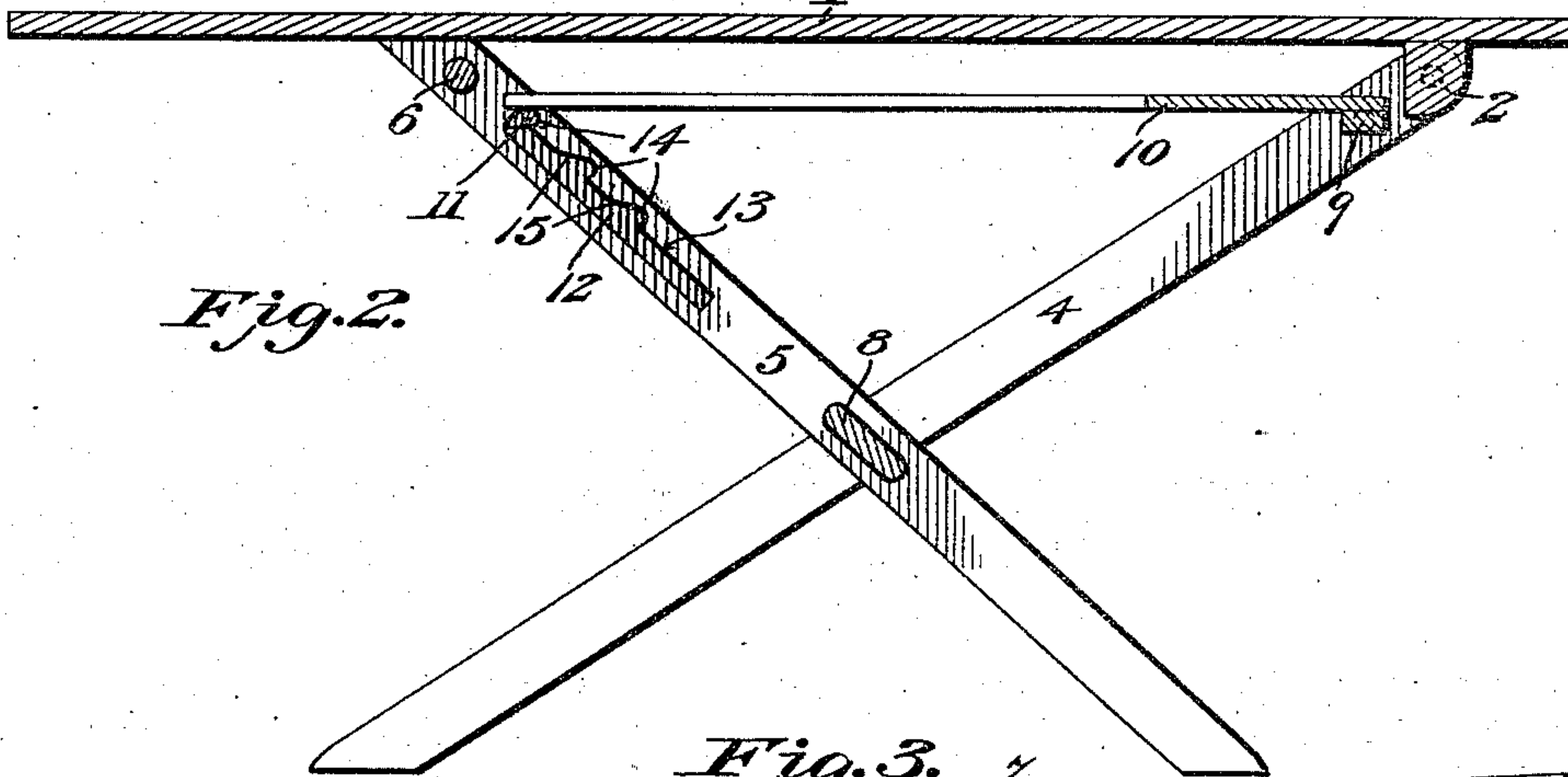
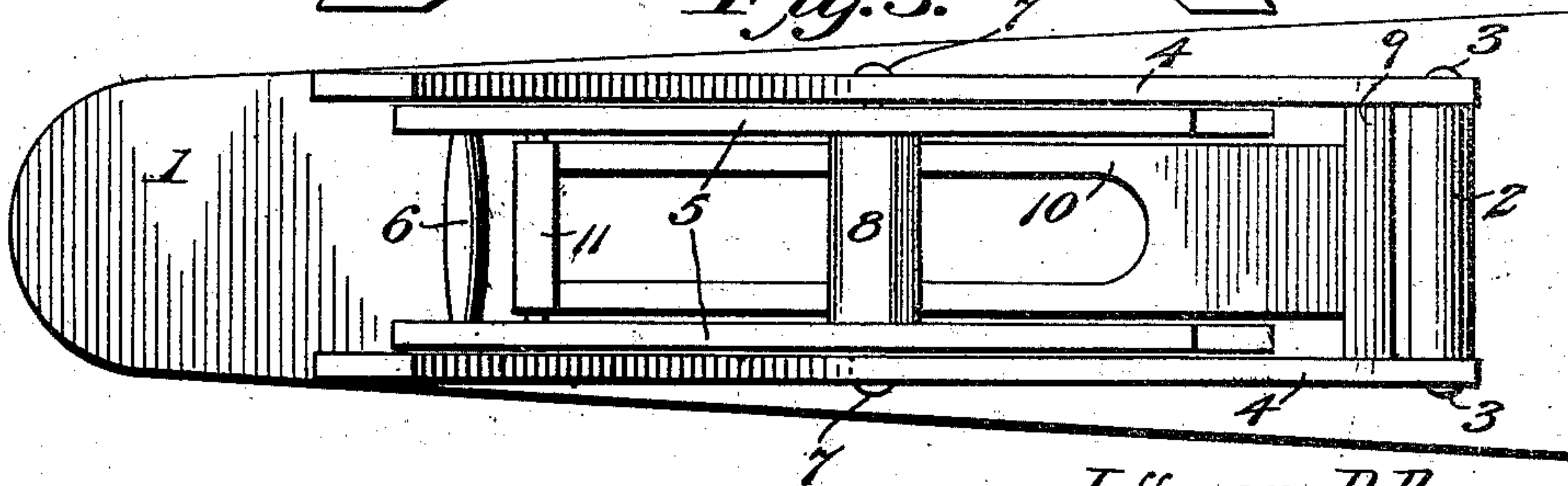


Fig. 3.



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UNITED STATES PATENT OFFICE.

JEFFERSON DAVIS PACE, OF SHREVEPORT, LOUISIANA.

IRONING-TABLE.

SPECIFICATION forming part of Letters Patent No. 654,760, dated July 31, 1900.

Application filed April 10, 1900. Serial No. 12,350. (No model.)

To all whom it may concern:

Be it known that I, JEFFERSON DAVIS PACE, a citizen of the United States, residing at Shreveport, Caddo parish, and State of Louisiana, have invented a new and useful Ironing-Table, of which the following is a specification.

This invention relates to improvements in ironing-tables of that class which comprehend relatively-pivoted pairs of legs designed by their relative adjustment to effect the elevation or depression of the ironing-board, and is designed particularly as an improvement of the structure illustrated and described in Letters Patent of the United States granted to me December 2, 1890, No. 441,966.

The object of the invention is to provide the table structure illustrated in my patent with improved adjusting mechanism which will effect the retention of the legs in their adjusted positions, this feature of adjustment being the primary object of the present invention.

To this end my invention consists in the novel construction and arrangement herein-after described, illustrated in the accompanying drawings, and embraced within the scope of the appended claim.

In the accompanying drawings, Figure 1 is a perspective view of my ironing-table complete. Fig. 2 is a sectional longitudinal section through the subject-matter of Fig. 1, and Fig. 3 is a bottom plan view thereof.

Referring to the numerals of reference employed to designate corresponding parts in the several views, 1 indicates an ironing-board of any suitable contour provided upon its under face, adjacent to its widest end, with a fixed head-block 2, to the opposite ends of which are pivotally connected, as by screws 3, the upper ends of a pair of legs 4, having their lower ends beveled, as usual, for engagement with the floor.

5 indicates a secondary pair of legs connected at their upper ends by a cross-bar 6, located below the under surface of the board 1. These secondary legs 5 pass between the legs 4 and are pivoted thereto by means of screws 7, which pass through the legs 4 and 5 and take into opposite ends of a transverse connecting-bar 8, which serves to properly space the legs at the opposite sides of the board.

The structure thus far described constitutes no part of my invention, since it comprehends merely the ironing-board and supporting-frame illustrated in my patent heretofore recited and designed by preference to be employed in connection with the novel leg-adjusting mechanism constituting the preferred embodiment of my invention, which latter I will now proceed to describe in detail.

9 indicates a rock-shaft journaled at its opposite ends in the legs 4 and upon which, between said legs, is fixed one end of a swinging brace 10, preferably bifurcated and provided at its free end with a transverse latch-bar 11, the opposite ends of which engage longitudinal recesses 12, formed in the opposed faces of the legs 5, comparatively adjacent to their upper ends. It will now be seen that as the legs are swung relatively the latch-bar of the brace will travel within the recesses 12 toward or from the upper ends of the legs 5, the mounting of the brace upon the rock-shaft accommodating this swinging movement of the brace. I am aware that adjustments have been heretofore effected in devices of this character by providing one of the legs with a swinging brace having its free end in engagement with a longitudinal slot or recess in a second relatively-movable leg; but in such devices the brace constitutes, in effect, a supplemental leg, as it is fixed at one end by its adjustment and sustains as an end thrust the weight of the board and the articles supported thereon. As heretofore premised, my object is to facilitate the retention of the legs in their adjusted positions, and this end I attain by providing the recesses 12, within which the latch-bar slides, and by providing the side walls 13 of the recesses 12, adjacent to the inner edges of the legs 5, with series of indentations or recesses 14, extending in acute-angular relation to the recesses 12 and having their upper walls or edges slightly curved or arcuate, the walls 13 of the long recesses 12 being disposed upon lines tangential to circles, of which the walls 15 are arcuate sections. By the employment of this contour the walls 15 of the lateral recesses 14 gradually merge with the walls 13 of the recesses 12 and provide the recesses 14 with enlarged openings through which the ends of the latch-bar 11 are guided by the walls 15 of

said lateral recesses. It will now appear that when the board is located at its greatest elevation the latch-bar of the members will be in engagement with the uppermost lateral recesses of the series, and any downward pressure upon the board will serve to draw the ends of the latch-bar more securely within the recess or recesses provided for them. If now it is desired to lower the board, the operator by moving the upper ends of the legs 5 toward the legs 4 effects the disengagement of the ends of the latch-bar 11 from the terminal recesses. The further separation of the legs will cause the latch-bar to travel in the recesses 12 until said latch-bar arrives at the lateral recesses into which it is to be set, at which time the separation of the legs is slightly accelerated by the operator, thereby causing the ends of the latch-bar 11 to ride 20 upon the curved walls 15 and enter the lateral recesses, where it is securely retained in the manner stated.

From the foregoing it will be observed that I have produced a simple and ingenious device by means of which the retention of the 25 legs of an ironing-board in their adjusted positions may be readily effected; but while the present embodiment of my invention appears

at this time to be preferable I desire to reserve the right to effect such structural variations as may be properly comprehended within the scope of the claim. 30

What I claim is—

In an ironing-board, the combination with pairs of pivoted legs, and an ironing-board 35 supported thereby, one of said pairs of legs being provided with opposed longitudinal recesses each having lateral extensions disposed at an acute angle with respect to the longitudinal recesses and extending in the direction 40 of the other pair of legs, a rock-shaft journaled between said last-named legs, and a brace secured to the rock-shaft and provided with a terminal latch-bar the opposite ends of which latter are movable within the longitudinal recesses and are designed to be engaged 45 within the lateral extensions of said recesses by the separation of the legs.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in 50 the presence of two witnesses.

JEFFERSON DAVIS PACE.

Witnesses:

HENRY HUNSICKER,
J. B. SLATTERY.