

D. MESSER.  
IRONING BOARD.  
APPLICATION FILED AUG. 22, 1904.

FIG. 1.

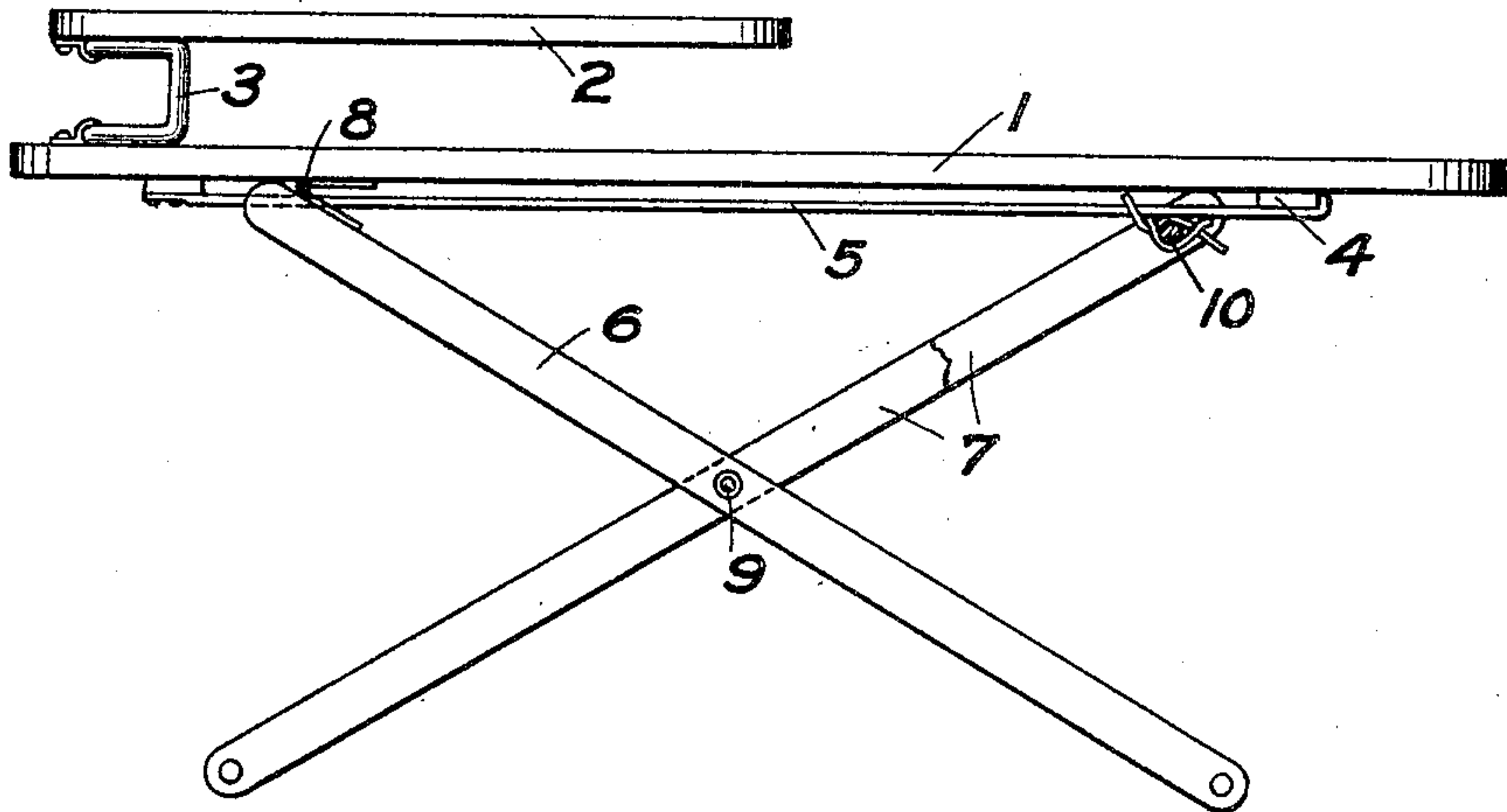


FIG. 2.

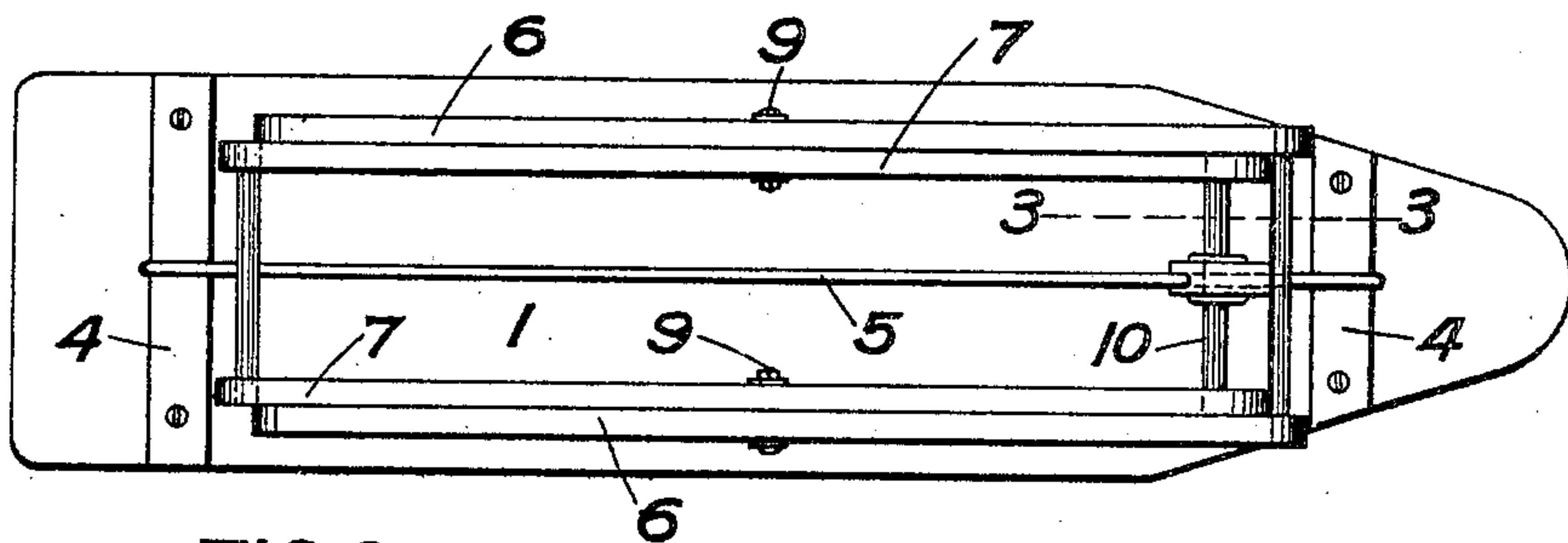


FIG. 3.

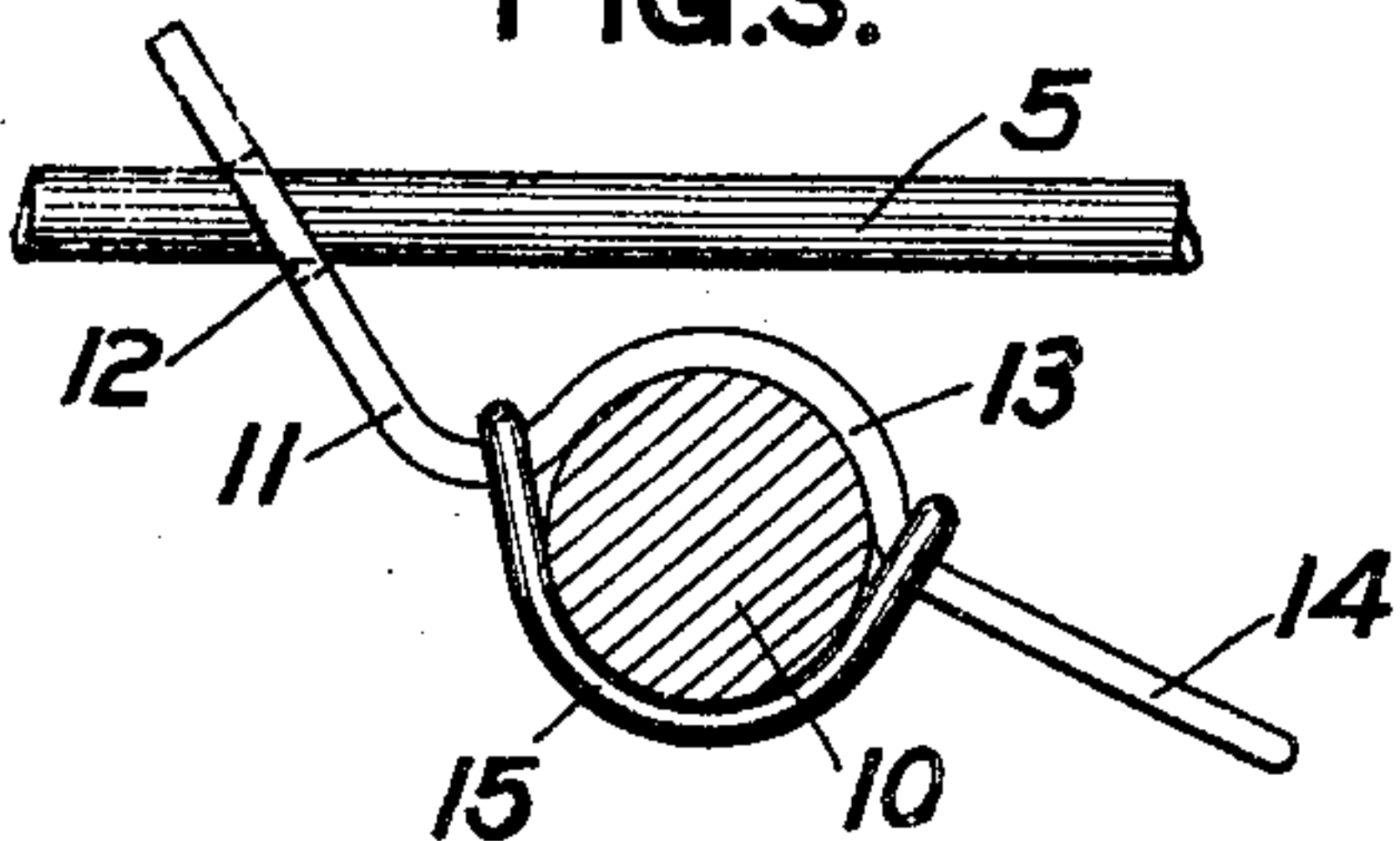


FIG. 4.

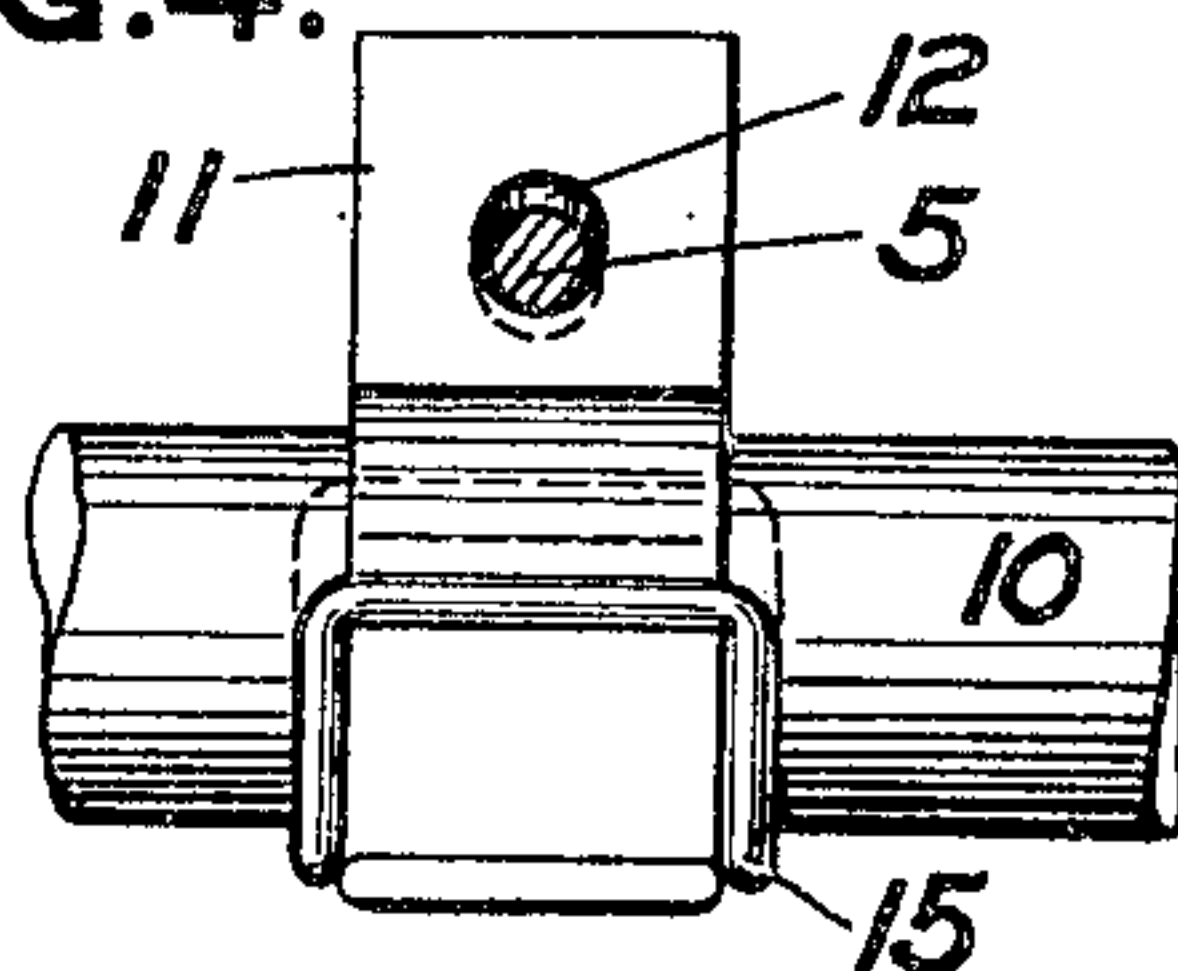
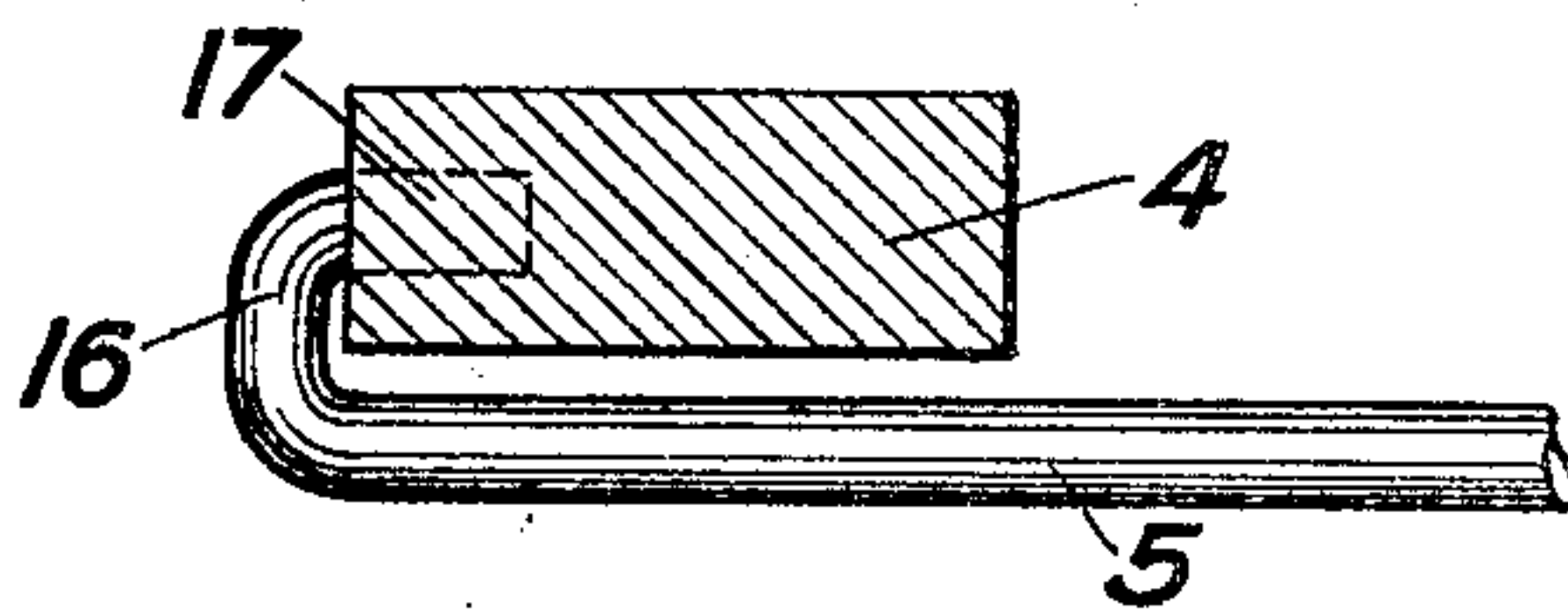


FIG. 5.



## WITNESSES:

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Clarence W. Carroll.

## INVENTOR:

Samuel Messer  
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# UNITED STATES PATENT OFFICE.

DANIEL MESSER, OF ROCHESTER, NEW YORK, ASSIGNOR OF ONE-HALF  
TO GEORGE MCKINSTRY, OF ROCHESTER, NEW YORK.

## IRONING-BOARD.

No. 804,244.

Specification of Letters Patent.

Patented Nov. 14, 1905.

Application filed August 22, 1904. Serial No. 221,752.

*To all whom it may concern:*

Be it known that I, DANIEL MESSER, a citizen of the United States, and a resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Ironing-Boards, of which the following is a specification.

This invention relates to ironing-boards; and it consists in an apparatus for setting the board at different heights from the floor and at the same time maintaining its level.

In the drawings, Figure 1 is a side view of an ironing-board embodying this invention, a part being broken away to exhibit construction. Fig. 2 is a bottom plan view of the same device. Fig. 3 is a cross-section on the line 3 3 of Fig. 2. Fig. 4 is an end view of the cramping device shown in Fig. 3; and Fig. 5 is a cross-section of a support for the rod or track on the cramping-plate, showing the manner of connection of the track with the cleat attached to the ironing-board.

In the drawings, 1 is the ironing-board, which may have a sleeve or bosom board 2 attached to it by means of a hinge device 3. The under side of the board 1 is provided with two cleats 4 4, which are used to prevent the warping of said board and also act as supports for the longitudinal rod 5. The rod 5 may be held to the board 1 and at a suitable distance from its under surface by any other suitable supports.

The board 1 stands upon two pairs of legs 6 6 and 7 7. The legs 6 6 are fastened at their upper ends to the under surface of the board in any suitable manner—such as by the hinge 8, Fig. 1—and the pairs of legs at their crossing-points are pivoted together by means of the bolts 9 9. The upper ends of the legs 7 7 are connected by means of the cross-bar 10, which carries a cramping-plate 11, having a perforation 12, in which runs the rod 5. When the cramping-plate 11 is tilted to a suitable angle, the upper and lower edges of the perforation 12 cramp upon the rod 5 and hold it firmly in place at any point on said rod, and thus by setting the cramping-plate at different points on the rod 5 the board 1 will be raised or lowered to any desired degree.

A cheap and convenient mode of manufacturing the cramping-plate is shown in Figs.

3 and 4, and said board consists in a piece of sheet metal having a perforation 12, fitting loosely on the rod 5, and a curved portion 13, fitting on the cross-bar 10 and a tail 14. On depressing the tail 14 the cramping-plate will be disconnected from the rod 5. The cramping-plate may be held upon the round cross-bar 10 by means of a wire 15, fitting under said cross-bar and over the cramping-plate at two points.

A convenient mode of fastening the rod 5 in place is shown in Fig. 5. Each end of the rod 5 is bent back upon itself to form a hook 16, the end of which may be set in a socket 17 in one of the cleats or supports 4, and the other end of the rod being similarly hooked may be fastened in the other cleat 4, thus holding both ends of the rod firmly in place. The socket 17 may be bored out or may be made by driving the end of the hook 16 into the cleat. The rod 5 constitutes a track, on the upper and lower sides of which the cramping device engages, as shown in Figs. 3 and 4. The cramping device engages the track automatically, because of the pull exerted by the weight of the apparatus on the feet of the crossed legs and the consequent spreading thereof.

What I claim is—

1. The combination of an ironing-board, a leg hinged to the bottom of said board, a second leg pivoted to the first leg, a track fastened to the bottom of the ironing-board, and a cramping device attached to the upper end of thesecond-mentioned leg and adapted to cramp automatically at any point on the upper and lower sides of said track.

2. The combination of an ironing-board, a pair of legs hinged to the bottom of said board, a second pair of legs pivoted to and crossing the first-mentioned pair of legs, a round cross-bar at the top of the second-mentioned pair of legs, a rod fastened longitudinally under said ironing-board, and a cramping-plate fitting loosely upon said rod and part way around said cross-bar, and adapted to cramp automatically at any point on said rod, and means for holding said cramping-plate loosely upon said cross-bar.

3. The combination of an ironing-board, a pair of legs hinged to the bottom of said board,



a second pair of legs pivoted to and crossing the first pair of legs, a rod fastened to supports on the bottom of said ironing-board and having hooked ends set in sockets on the opposite outer sides of said supports, and a cramping-plate fitting loosely around said rod and carried by the upper end of the second-

mentioned pair of legs and adapted to cramp automatically at any point on said rod.

DANIEL MESSER.

Witnesses:

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