

No. 864,617.

PATENTED AUG. 27, 1907.

J. C. CULBERTSON.  
FOLDING IRONING BOARD.  
APPLICATION FILED NOV. 29, 1905.

2 SHEETS—SHEET 1.

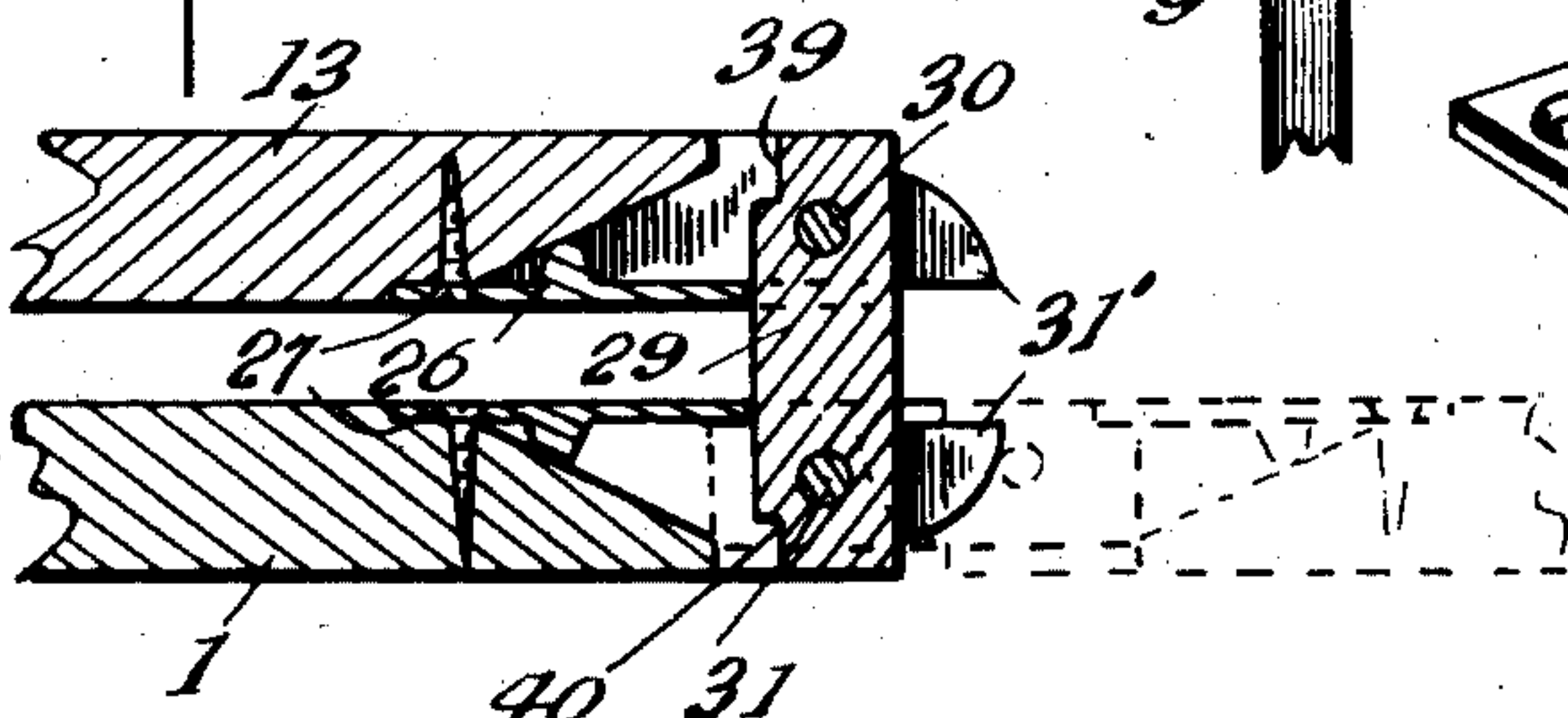
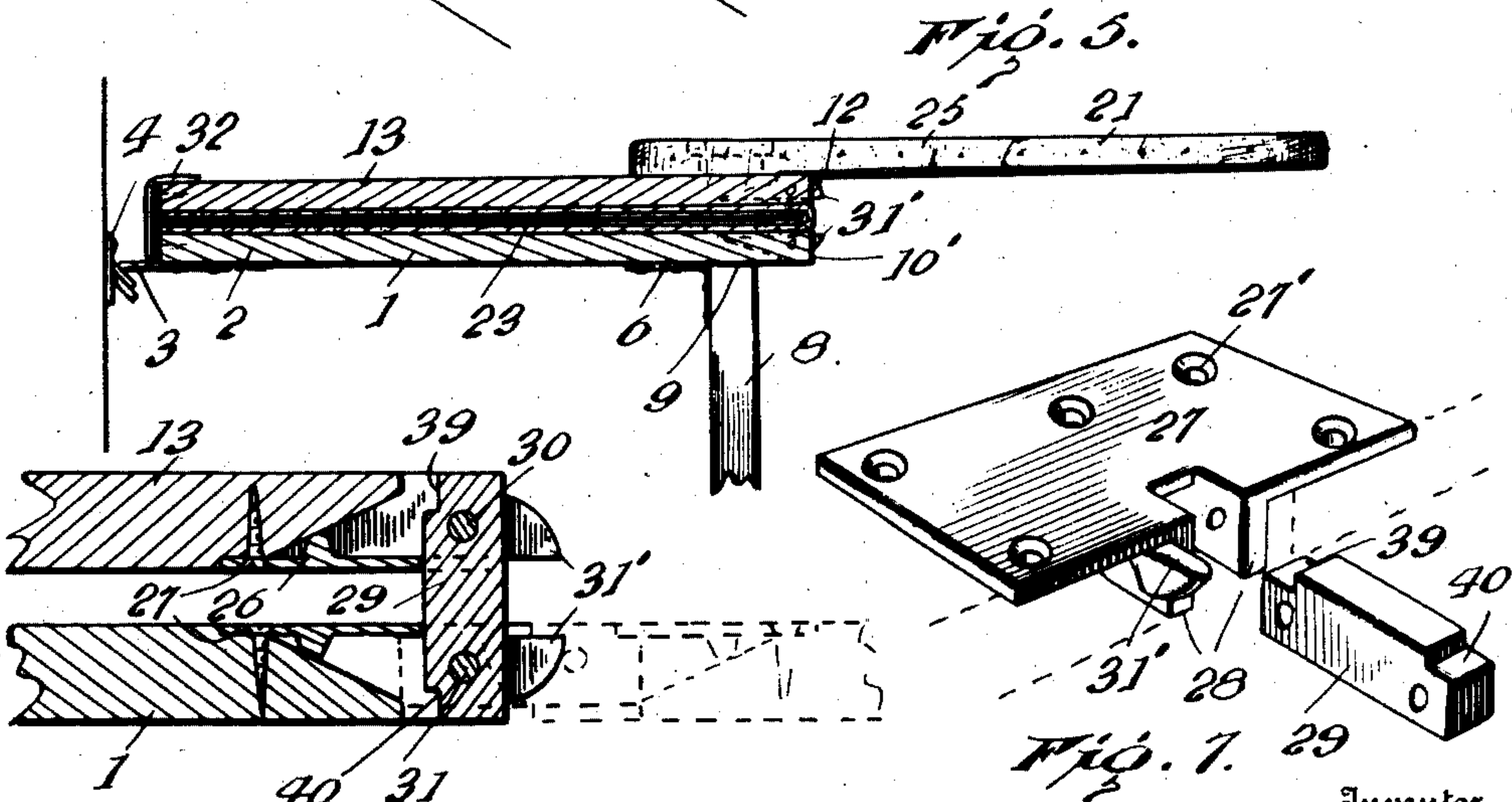
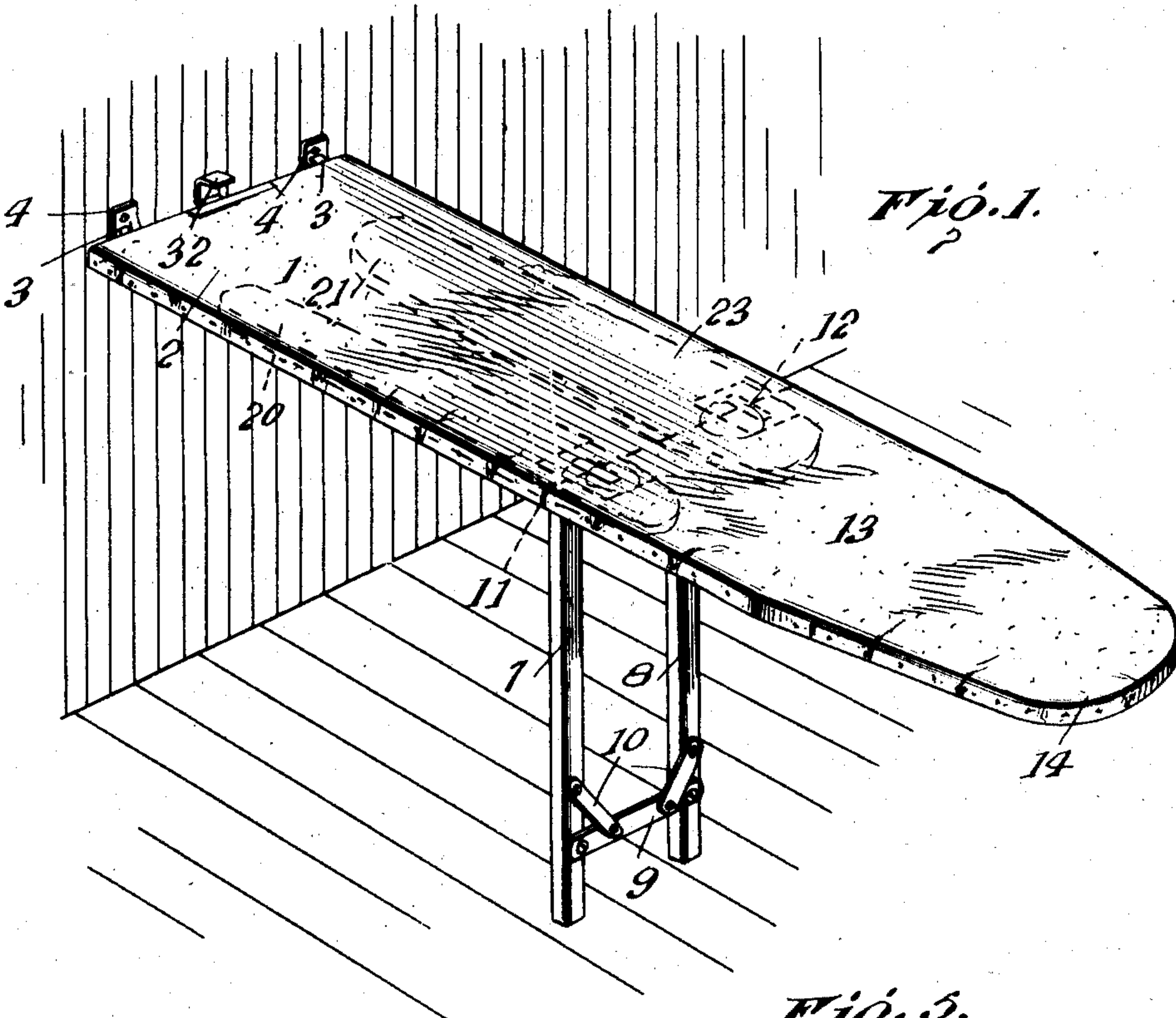


Fig. 7.

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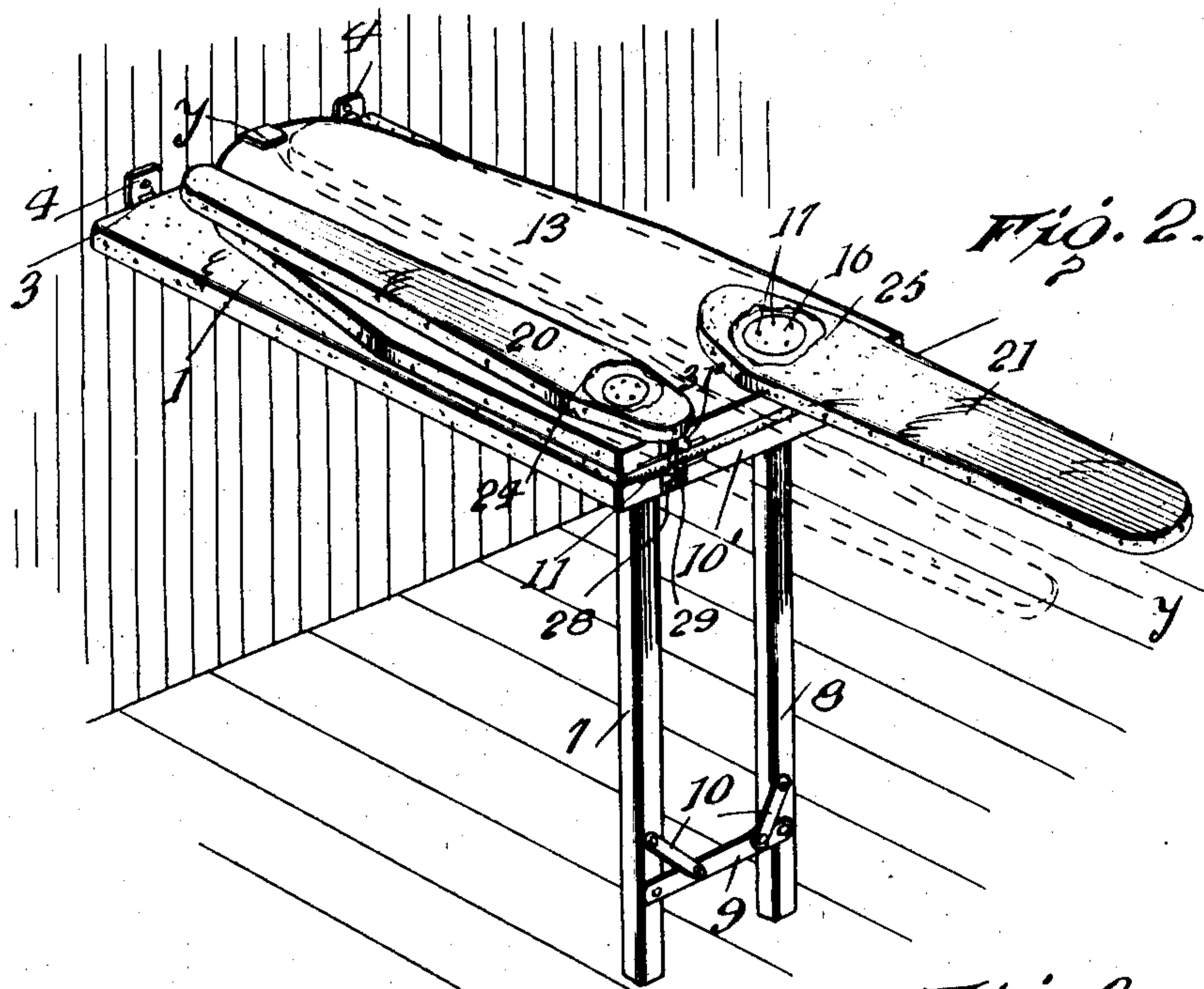
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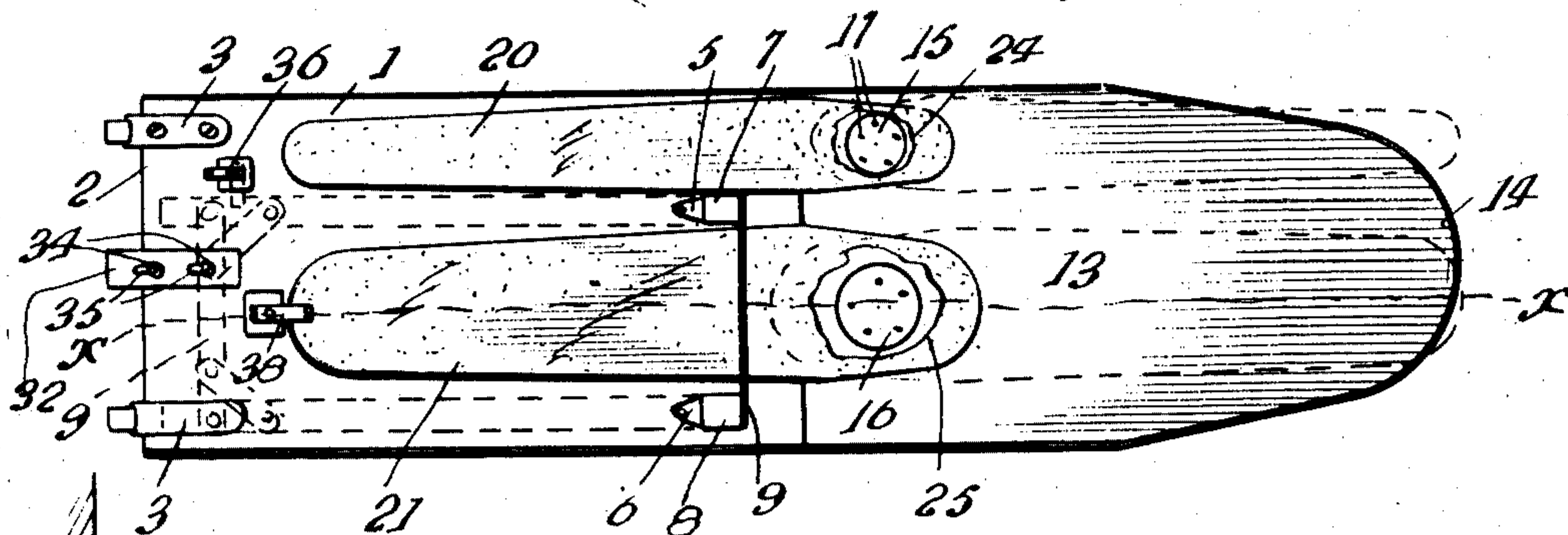
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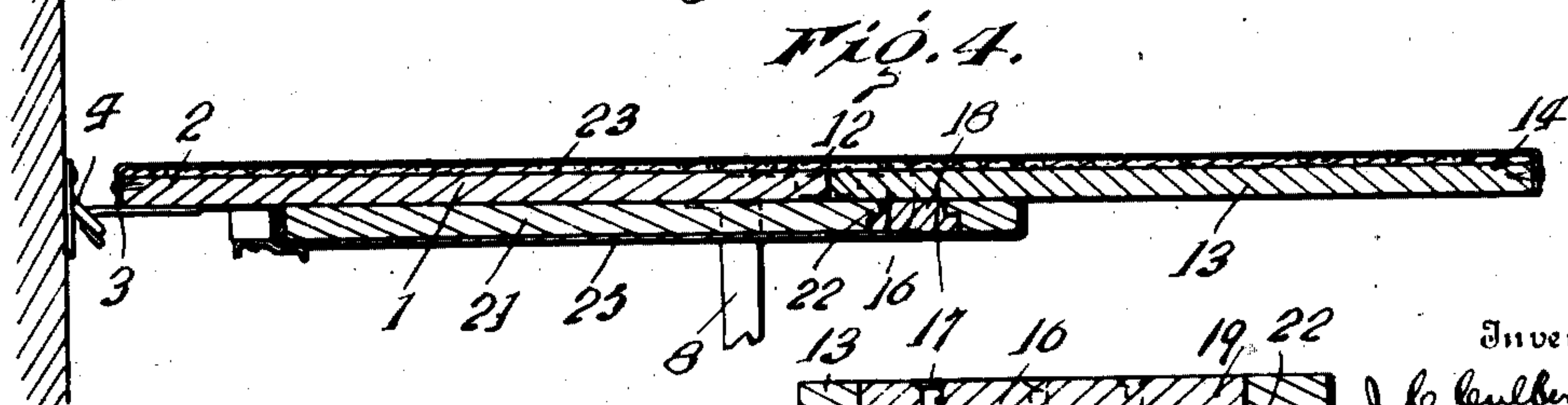
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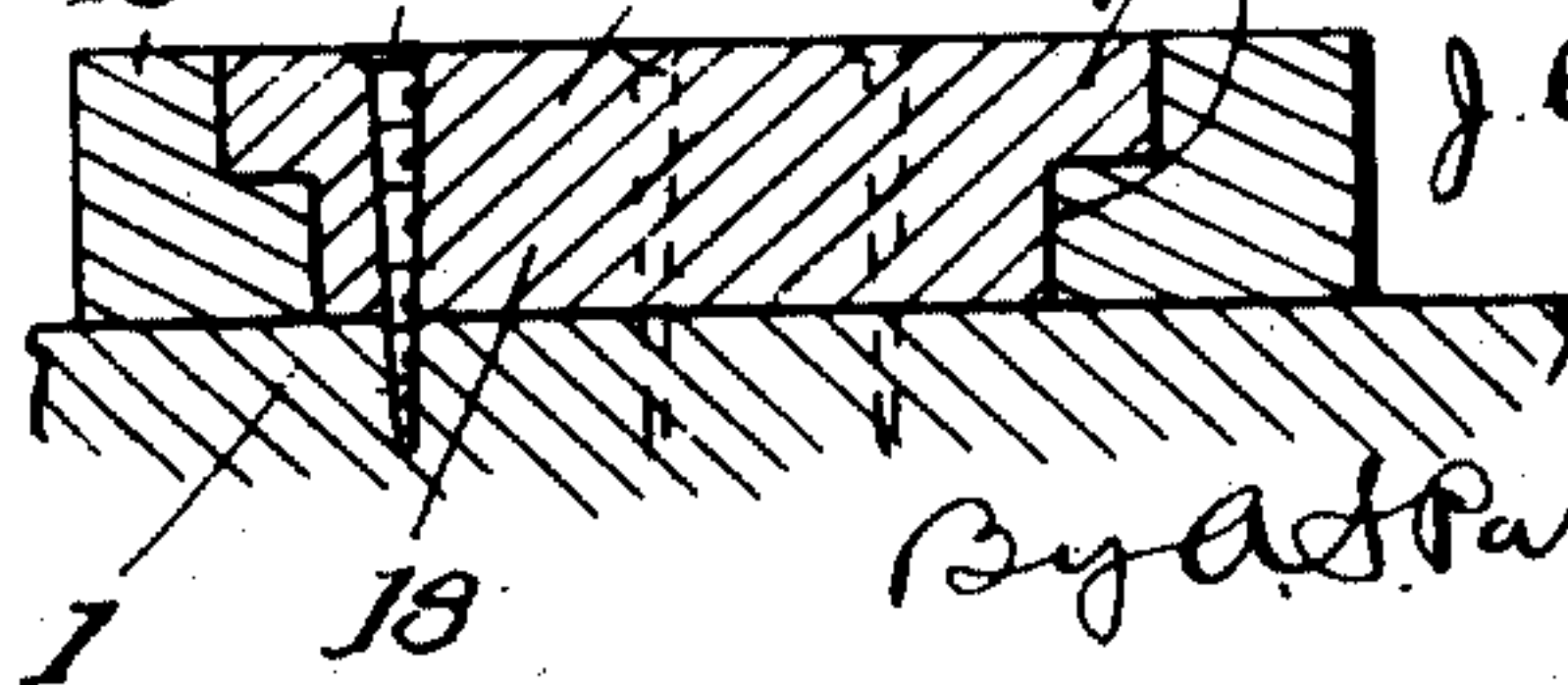
*Fig. 3.*



*Fig. 4.*



*Fig. 8.*



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# UNITED STATES PATENT OFFICE.

JAMES C. CULBERTSON, OF NEW BETHLEHEM, PENNSYLVANIA.

## FOLDING IRONING-BOARD.

No. 864,617.

Specification of Letters Patent.

Patented Aug. 27, 1907.

Application filed November 29, 1905. Serial No. 285,598.

*To all whom it may concern:*

Be it known that I, JAMES C. CULBERTSON, a citizen of the United States, residing at New Bethlehem, in the county of Clarion and State of Pennsylvania, have  
5 invented certain new and useful Improvements in Folding Ironing-Boards, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to improvements in ironing  
10 boards, and pertains more particularly to folding boards.

The object of my invention is to provide an ironing board of this character which is made in two sections, and hinged together in such a manner that the padding carried by the upper face thereof is not injured  
15 when the two sections are folded together. The inner squared end of the inner section of the board is provided with hooks which are adapted to catch in loops carried by the wall, while the opposite end of said section is provided with pivoted supporting legs adapted  
20 to support the board in a horizontal position.

Another object of my invention is to provide the outer hinged section with pivoted smaller boards which are carried by the bottom thereof, and adapted to swing out and serve to iron smaller articles which  
25 will not receive the other portion of the board.

A still further object of my invention is to provide a more, simple, cheap and durable device in many details, as will be hereinafter more fully described.

In the accompanying drawings, Figure 1, is a perspective view of my improved ironing board set up.  
30 Fig. 2, is a perspective view showing the hinged section folded over and one of the pivoted ironing smaller boards swung outwardly. Fig. 3, is a bottom plan view of Fig. 1. Fig. 4, is a longitudinal vertical sectional view taken on the line  $x-x$  of Fig. 3, showing  
35 the hinged connections between the sections. Fig. 5, is a longitudinal vertical sectional view on the line  $y-y$  of Fig. 2. Fig. 6, is an enlarged sectional view taken through one of the hinges and showing the position of the two boards when folded upon each other.  
40 Fig. 7, is an enlarged perspective of one leaf of the hinge showing the link disconnected. Fig. 8, is an enlarged sectional view showing the means by which the pivoted boards are secured to the outer section.

Referring now to the drawings, 1 represents one section of my improved folding ironing board which is of the usual width, and of a length about half that of the ordinary ironing board, and is provided at its inner edge 2 on its lower face with the hooks 3 which are  
50 adapted to be hooked into eyes 4 carried by the wall at the proper height and distances apart. The said hooks, as shown, are of such a character in combination with the eyes, that the section 1 is interlocked therewith in either a horizontal or vertical position,  
55 and when the board is folded, as hereinafter described, it is supported by said hooks, or may be removed

therefrom and stored in another place, as desired. The said section 1 adjacent the outer end, has its lower face provided with two hinges 5 and 6, which have one leaf thereof attached to the legs 7 and 8 which have  
60 their lower ends connected together by a bar 9 provided with the braces 10, thus forming a rigid leg frame adapted to support the section 1 in a horizontal position. The legs 7 and 8 have their upper ends squared at 9, so that they will engage the lower face of  
65 the section 1 of the board and limit the movement of the legs outwardly beyond a vertical line, as will be readily understood.

The outer end 10' of the section 1 is provided with two hinges 11 and 12 which are secured to the inner end  
70 of the folding section 13. The said section is of the same width as the section 1, but has its outer end tapered and rounded at 14, as is the usual case in all ironing boards. The hinges 11 and 12 are of such a structure that the outer section 13 is supported in a horizontal  
75 position in a plane with the section 1, but will not move below such a plane, but can be swung around upon the section 1, as will be hereinafter more fully described.

Secured to the lower face of the section 13 adjacent the inner end, are two blocks 15 and 16 which, as shown,  
80 are secured thereto by means of screws 17. The said blocks are of the form shown in Figs. 3 and 8—that is, of a circular form having a smaller inner end 18, and the larger outer end 19 which form pivots for the two smaller boards 20 and 21 mounted thereon. The said boards, as  
85 shown, are provided with openings 22 therein to correspond with the shape of the blocks and thus the said smaller boards are securely supported by the section 13, yet they are free to oscillate so that they may be swung outward, so that they may be used as separate boards, as  
90 hereinafter more fully described. The said boards as shown, are pivoted to the section 13 at such a position that their inner ends extend over the lower face of the section 1, and form a brace for relieving the hinges of  
95 some of the pressure as applied to the section 13 as shown in Figs. 3 and 4. In use, these boards 20 and 21 are swung around from over the section 13 after the same has been swung over upon the section 1, as shown in Fig. 2, but if desired the said boards may be swung  
100 outward at right angles to the section 13 when the same is in its extended position, one from each side, and as shown, these boards are of different sizes for different characterized garments, as is readily understood.

In boards of this character, it is understood that the upper face thereof is provided with a heavy padding 23,  
105 and in order to allow for said padding in the folding of the sections without injury thereto, I have provided a specially constructed hinge which allows for said padding, and allows the two sections to be firmly folded together in a flat position without injury to the padding.  
110 The boards 20 and 21 are also provided on their lower faces with padding 24 and 25 which becomes the upper



face of the board when the section 13 is swung over in the position shown in Fig. 2. The said hinges consist of two flat plates 26 and 27 which are embedded in the upper faces of the two sections 1 and 13, and said plates are provided each with the downwardly-extending ears 28 which are formed as a part of the plates, and resting between the ears of the two oppositely arranged plates is a link 29 which has its outer ends pivoted by pivots 30 and 31 between the ears, and said links are of such a length that when the section 13 is swung over upon the section 1 there is a space between the same to allow for the padding, and thus the same is continuous throughout the entire board and is not injured when folding the board, and allows the two sections to be perfectly parallel when folded.

One ear of each hinge section is provided with an outwardly-extending lug 31' which engages the lower face of the plate of the opposite hinge section, and thus the section 13 is prevented from swinging downward beyond a horizontal position, and said section is securely supported in said horizontal position.

The end of the section 1 carrying the hooks by means of which it is secured to the wall, is also provided with a sliding U-shaped hook 32 which is secured to the under side thereof by screws 34 passing through elongated slots 35, thus allowing the opposite end to be pushed down over the upper face of the section 13 when the same is folded upon the section 1, and locking the two together.

It will be seen that the legs 7 and 8 of the section are readily folded down upon the bottom of the section 1 and secured thereto by a hook 36, and thus the board is formed into a compact package and may be readily detached from the wall and stored.

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

1. An ironing board, comprising a body portion, a section hinged to said body portion, and pivoted smaller boards carried by the lower face of the hinged section and adapted to prevent the same from passing down beyond a plane with the body portion.

2. An ironing board, comprising a body portion, a section adjacent thereto, plates carried by the abutting edges of the body portion and the section, links having their ends pivotally mounted within said plates, and lugs carried by the lower face of the plates of the section for engaging the lower face of the plates carried by the body portion.

3. An ironing board, comprising a body portion, hooks carried by one end for attaching the same to the wall, pivoted legs carried by the opposite end, a section hinged to the end and adapted to be folded upwardly thereon, means carried by the hinge connection for supporting the section in a horizontal extended position in a plane with the body portion, and pivoted boards carried by the lower

face of the section and serving as means for supporting the section when extended, and as ironing boards when the section is folded upon the body portion.

4. An ironing board, comprising a body portion, means carried by each end for supporting the same, a section having a link connection with the body portion and adapted to be folded upwardly thereon, lugs carried by the link connection and engaging the body portion and the section and holding the section in a plane with the body portion, pivoted boards carried by the lower face of the section and serving as means for supporting the section when extended and as ironing boards when the section is folded upon the body portion.

5. An ironing board comprising a body portion, hooks carried by one end for attaching it to the wall, pivoted legs carried by the opposite end, a section adjacent the body portion, link hinge connections between said body portion and section, means carried by the link hinge connection for supporting the section, in its extended position in a plane with the body portion, a sliding member carried by the body portion for holding the section in its folded position upon the body portion, and pivoted ironing boards carried by the lower face of the section adjacent the hinge connection with the body portion, and when not extended engaging the under side of the body portion and serving as an additional support for the section.

6. An ironing board, comprising a body portion, hooks carried by one end for attaching it to the wall, pivoted legs carried by the opposite end, a section adjacent the body portion, a link hinge connection between said body portion and the section, lugs carried by the link hinge connection for supporting the section in its extended position in a plane with the body portion, and pivoted ironing boards carried by the lower face of the section adjacent the hinge connection with the body portion and when not extended they engage the under side of the body portion and serving as an additional means for preventing the section from passing beyond a point in a plane with the body portion.

7. An ironing board, comprising a body portion, means carried by one end for securing it to the wall, pivoted legs carried by the opposite end of the body portion, a section hinged to the free end of the body portion, circular blocks secured to the under side of said hinged section and having smaller inner ends, and the board having openings to correspond with the blocks and in which said blocks extend, whereby the boards are pivotally mounted upon the hinged section.

8. An ironing board, comprising a body portion, means carried by one end, for securing it to the wall, supporting legs carried by the opposite end of the body portion, a section hinged to the free end of the body portion, circular blocks permanently secured to the under side of said hinged section and having reduced circular inner ends, and ironing boards of a thickness equal to that of the blocks and having openings corresponding with the blocks and around which the boards are pivotally mounted, and the upper faces of the blocks and boards being flush to form the board with smooth upper faces.

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

JAMES C. CULBERTSON.

Witnesses:

F. L. BUSH,  
I. E. LOWER.