

C. E. GRAY.
 HOLDER FOR CLOTH COVERINGS OF IRONING BOARDS.
 APPLICATION FILED MAR. 13, 1909.

1,007,001.

Patented Oct. 24, 1911.

2 SHEETS—SHEET 1.

Fig. 1.

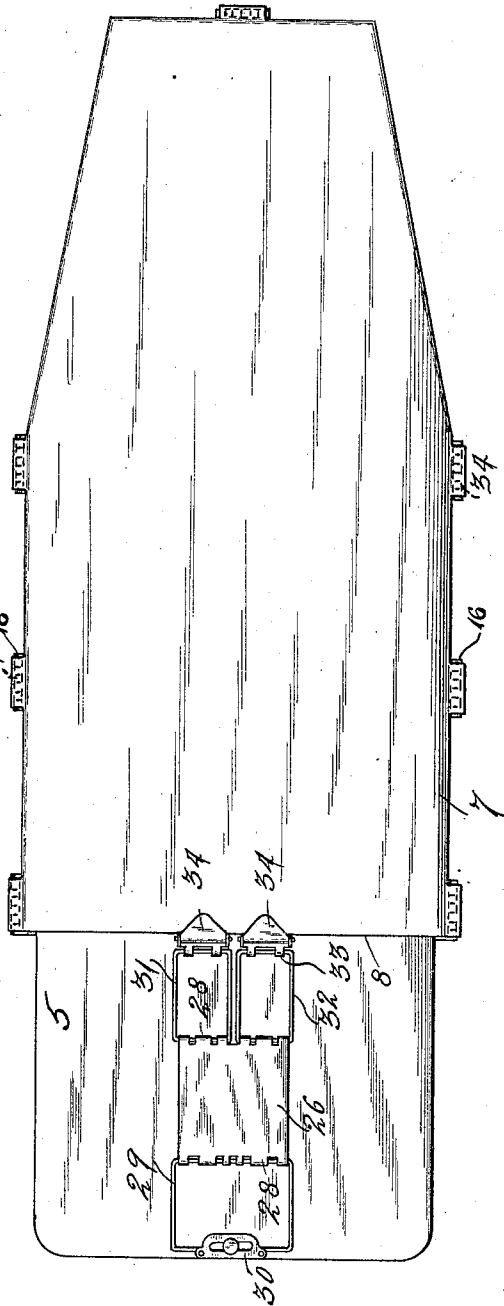
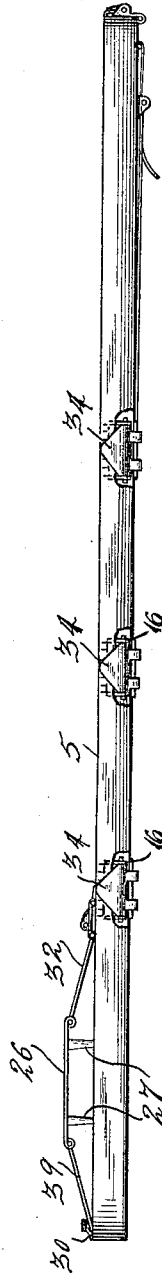


Fig. 2.



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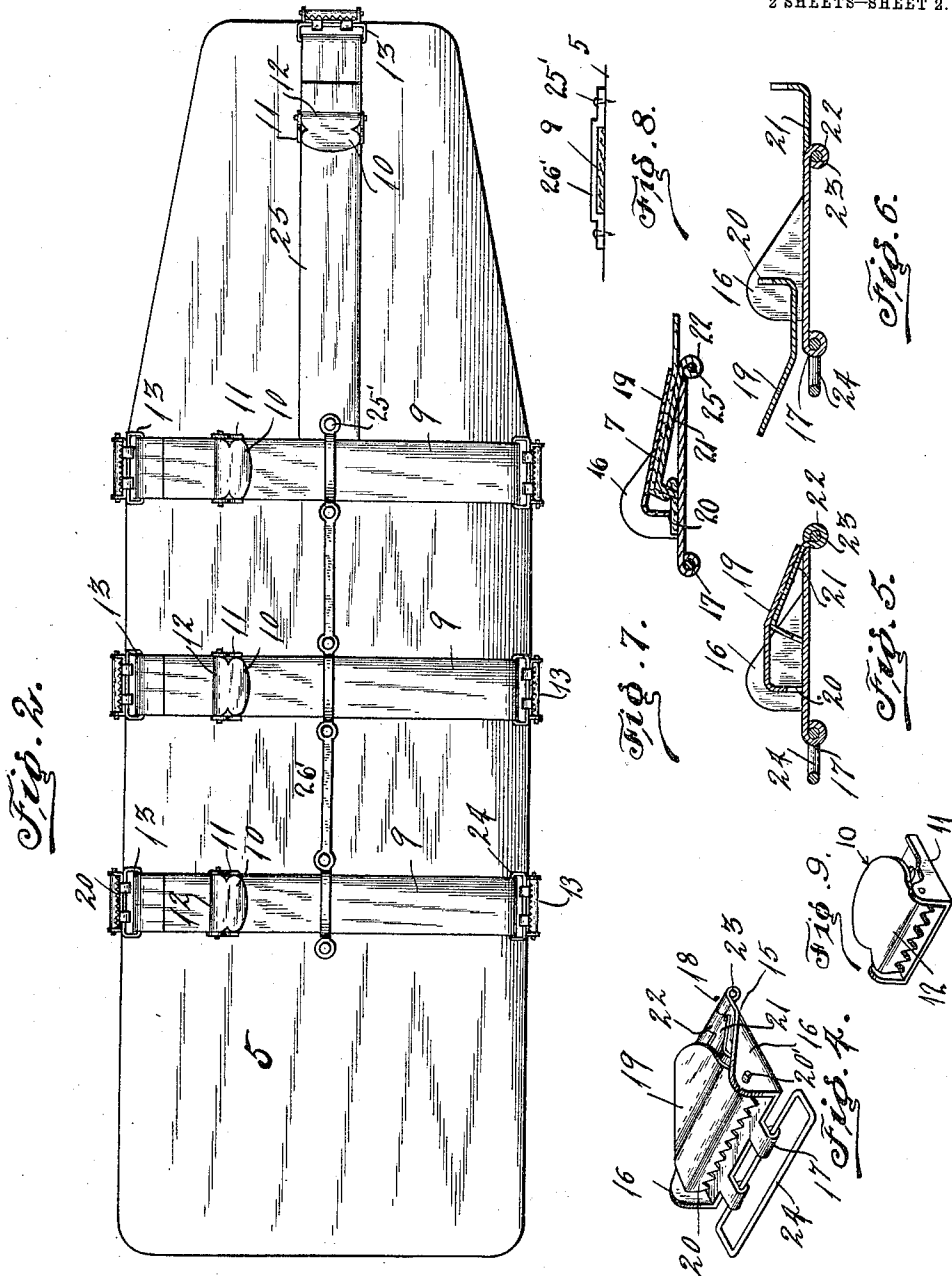
Attorney

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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

CORA ELLEN GRAY, OF BATTLE CREEK, MICHIGAN.

HOLDER FOR CLOTH COVERINGS OF IRONING-BOARDS.

1,007,001.

Specification of Letters Patent.

Patented Oct. 24, 1911.

Application filed March 13, 1909. Serial No. 483,320.

To all whom it may concern:

Be it known that I, CORA ELLEN GRAY, a citizen of the United States, residing at Battle Creek, in the county of Calhoun, State of Michigan, have invented certain new and useful Improvements in Holders for the Cloth Covering of Ironing-Boards; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in ironing boards and more particularly to the cloth covers and means for holding the same on the board.

It has for its particular object the provision of a cover, the edges of which extend to the edges of the board and from which it may be detached in any expeditious manner whenever desired.

Another object is the provision of a harness which is applied to the lower face of the board, the said harness consisting of a plurality of straps having clasps at their free ends to engage the edges of the cover and hold the same in position on the board.

A further object is the provision of a means for engaging the rear edges of the cover, the said means consisting of a pair of clasps having connection with a suitable flat-iron stand.

A further object is to make the holding members adjustable so that they may be applied to any size board.

With these and other objects in view as will more fully hereinafter appear, the present invention consists in certain novel details of construction and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings and more particularly pointed out in the appended claims. It being understood that various changes in the form, proportion, size and minor details of the device may be made without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings forming part of the specification:—Figure 1 is a top plan view of an ironing board provided with my invention. Fig. 2 is a bottom plan view of the same.

Fig. 3 is a side elevation. Fig. 4 is a detailed perspective of one of the clasps for holding the side edges of the cover. Fig. 5 is a longitudinal section of the same with the parts closed. Fig. 6 is a similar view with the parts open. Fig. 7 is a longitudinal sectional view through one of the clasps in operative position. Fig. 8 is a cross sectional view through one of the cover holding straps in secured position. Fig. 9 is a perspective view of a buckle.

Similar numerals of reference are employed to designate corresponding parts throughout.

The board is indicated by the numeral 5 and is shown to be of ordinary shape having a narrow front end.

The cover is indicated by the numeral 7 and may be of any suitable material of a length sufficient to extend from the front end of the board to a point adjacent the rear end, as shown at 8. The width of the cover is approximately the same as that of the board and conforms to the shape of the latter. A suitable number of straps are provided, the free ends of which are equipped with buckles that engage the edges of the cover, and which may be detached in an easy manner whenever desired. The straps are indicated by the numeral 9 and are preferably of elastic webbing. A suitable adjusting buckle 10 is disposed adjacent the intermediate portion of each strap and consists of a body portion 11 having up-turned perforated ears at its sides in which an angular keeper 12 is pivoted at its elbow. The body portion 11 is provided with a longitudinal slot through which is inserted one end of the strap, the same end then being inserted into the opening between the serrated edge of the keeper and upper face of the body, it being understood that the keeper is in open position when the end is inserted. When the keeper is closed the serrated edge will embed itself into the body of the strap and hold the free end against movement.

By referring now to Fig. 2 it will be seen that one of the free ends of each of the straps is provided with a clasp 13 and the loop at the opposite end of the strap is provided with a similar clasp 13, these clasps are

identical in structure so a description of one will suffice for both. The body portion 15 is preferably of metal and rectangular in contour having at either end an up-turned perforated lug 16, and on its opposite sides two or more spaced pintle knuckles 17 and 18. A keeper 19 provided on one side with a down-turned serrated edge 20 is of a size to fit between the lugs and is provided on either side adjacent the down-turned serrated edge, with a pivot 20', adapted to enter the openings of the lugs. The keeper 19 extends from the pivot openings to the remote knuckles 18 and the depth of the down-turned serrated portion is approximately the same as the distance between the pivots 20' and upper face of the body portion. This construction enables the keeper to depress the body portion during its downward movement and the keeper will not spring back to open position after the serrated edge becomes perpendicular to the body portion of the clasp. An auxiliary keeper 21 of considerably less width than the keeper 19 is provided on one of its longitudinal sides with a pair of spaced knuckles 22 which fit between the knuckles 18 of the body portion 15, in this position the parts are joined by a suitable pintle 23. As before stated the auxiliary keeper is of considerably less width than that of the keeper 19 and has that side opposite the knuckles 22 turned downwardly and serrated the same as the keeper 19. A link 24 preferably formed of a single piece of wire and rectangular in contour has one of its long sides engaged by the knuckles 17 at the opposite side of the body portion 15.

By referring now to Fig. 2 it will be seen that the links 24 are engaged by the terminals of the straps 9 and when the latter are stretched sufficiently a portion of the edge of the cover is doubled upon itself and inserted through the space between the down-turned serrated portion of the auxiliary keeper and upper face of the body portion 15 with a portion extending directly beneath the main keeper 19. The auxiliary keeper is then turned downwardly until the teeth are embedded into the cover the main keeper is then turned to bring its teeth into engagement with the cover, and after the teeth have become perpendicular to the body as before explained and reached the limit of their movement the main keeper will bear upon the auxiliary keeper and prevent the latter from springing back. When the parts are in this position it can be seen that the edges of the cover will be firmly held against displacement. A longitudinally disposed strap 25 has one end secured to the under side of the board at 25, and is looped upon itself remote from its secured end, this looped portion of the strap being provided

with an adjusting clasp similar to the clasp 10 with which the straps 9 are equipped. The looped portion of the strap 25 is secured to the cover of the board by a clasp similar to the clasps 13 carried by the straps as shown.

For preventing the displacement of the straps 9 from their normal position a strap 26' is arranged to engage the exposed faces of the straps 9, and is tacked or otherwise secured adjacent the side edges of each strap whereby to form loops that maintain the straps in their normal positions.

By referring now to Fig. 1 it will be seen that the cover 7 does not extend to the rear edge of the board but to a point sufficiently remote therefrom to permit of the said iron holder, about to be described, to be placed in operative position. The holder in the present instance is shown to consist of an iron stand 26 preferably of sheet metal, rectangular in contour and supported above the face of the board by means of four legs 27 placed adjacent the corners of the holder. The opposite ends of the holder are provided with a plurality of spaced knuckles 28, the rearmost of which are in engagement with one side of a wire frame 29, the opposite side of said frame being secured adjacent the rear edge of the board by means of a suitable keeper 30. This keeper is formed from a plate-like length of metal having openings through which brads or the like may be passed for securing the keeper to the ironing board and further having a transverse slot through which a pin or the like may be passed into the ironing board as shown to secure the wire frame 29. A pair of oblong wire frames 31 and 32 have their free ends engaged by the knuckles 28 at the front side of the plate 26 and opposite ends of the said frames engage the knuckles 33 of a pair of clasps 13 similar to the clasps 10 above described. The rear edge of the cover is inserted through these clasps in the same manner that the side edges are inserted through the side clasps.

Thus it can be seen that I have provided a device which may be applied to most forms of ironing boards now in use.

What is claimed, is:—

1. In combination, an ironing board having a cover of less length than the board, fastening members to engage one end and the opposite sides of the cover, a stand arranged on the uncovered portion of the board, and connected with the adjacent end of the latter and a member having one end pivoted to one end of the stand and provided at its opposite end with a means to engage the adjacent end of the cover.

2. In combination, an ironing board having a cover of less length than the board, fastening members to engage one end and

the opposite sides of the cover, a stand on
the uncovered portion of the board having
one end pivotally connected with the ad-
jacent end of the board, and a member hav-
5 ing one end pivoted to the stand and pro-
vided at its opposite end with a means to
engage the adjacent end of the cover.

In testimony whereof, I affix my signa-
ture, in presence of two witnesses.

CORA ELLEN GRAY.

Witnesses:

C. G. SPERRY,
B. D. FRENCH.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."