

D. H. MATHER.
IRONING BOARD.
APPLICATION FILED AUG. 24, 1908.

932,040.

Patented Aug. 24, 1909.
2 SHEETS—SHEET 1.

Fig-1.

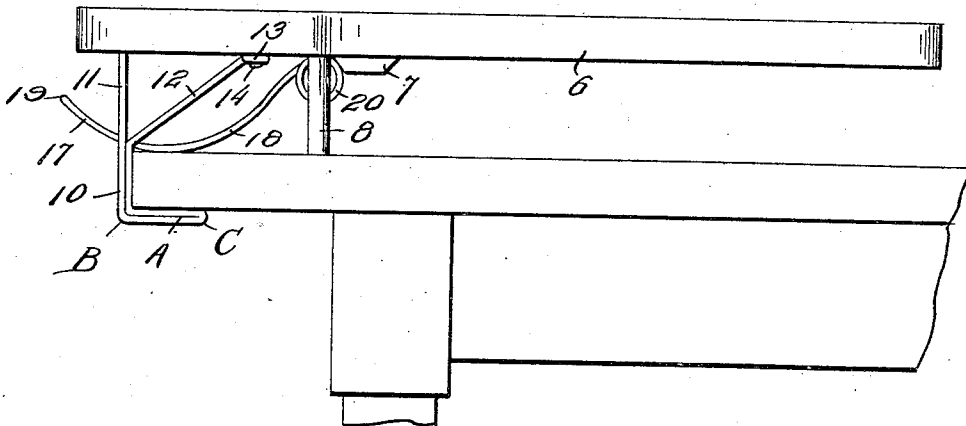
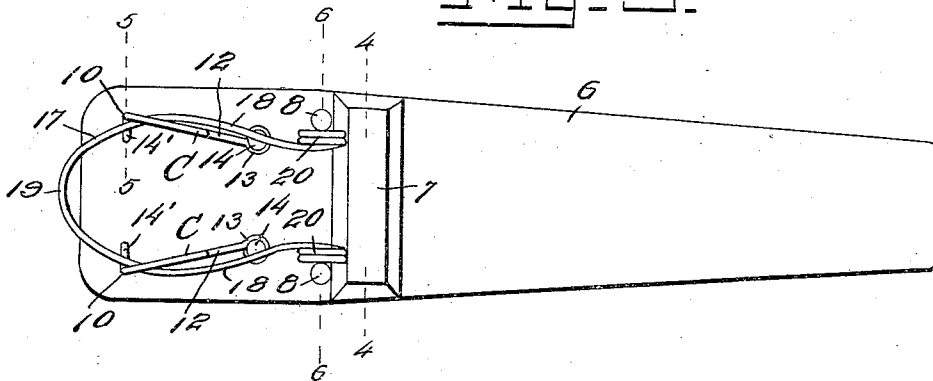


Fig-2.



Witnesses
E. L. Chandler
E. L. Chandler

Inventor
D. H. Mather,

By *Woodward Chandler*
Attorneys

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2 SHEETS—SHEET 2.

Fig. 2.

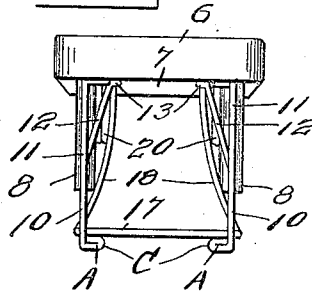


Fig. 4.

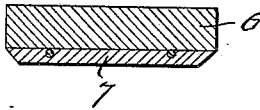


Fig. 6.

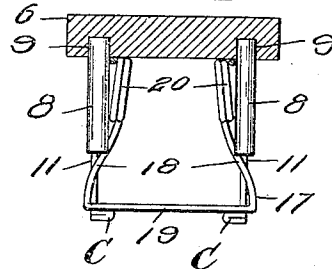
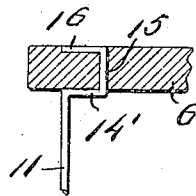


Fig. 5.



Witnesses
A. E. Cunningham
E. R. Chandler

Inventor
D. H. Mather,

By *Woodward & Chandler*

Attorneys

UNITED STATES PATENT OFFICE.

DAVID H. MATHER, OF LADYSMITH, WISCONSIN, ASSIGNOR OF ONE-THIRD TO JAMES F. MITCHELL
AND ONE-THIRD TO CHARLES KARST, BOTH OF LADYSMITH, WISCONSIN.

IRONING-BOARD.

932,040.

Specification of Letters Patent.

Patented Aug. 24, 1909.

Application filed August 24, 1908. Serial No. 449,953.

To all whom it may concern:

Be it known that I, DAVID H. MATHER, a citizen of the United States, residing at Ladysmith, in the county of Rusk and State of Wisconsin, have invented certain new and useful Improvements in Ironing-Boards, of which the following is a specification.

This invention relates to ironing boards, and has for its object to provide an ironing board which may be easily and quickly attached to a table or other similar support, to lie in spaced relation thereto, thus facilitating the ironing of garments thereupon.

Another object is to provide a structure which may be embodied in a sleeve board for attachment to ironing boards of the usual type.

Another object is to provide a device of this kind which will be extremely simple, and in which the attaching mechanism may be manufactured from wire at a low figure.

Other objects and advantages will be apparent from the following description, and it will be understood that changes in the specific structure shown and described may be made within the scope of the claims without departing from the spirit of the invention.

In the drawings forming a portion of this specification, and in which like characters of reference indicate similar parts in the several views, Figure 1 is a side elevation of the present invention attached to a table, Fig. 2 is a rear end view, Fig. 3 is a bottom plan, Fig. 4 is a transverse section through the strengthening batten on line 4—4 of Fig. 3, Fig. 5 is a section on line 5—5 of Fig. 3, showing the method of fastening the forward ends of the brackets. Fig. 6 is a section on line 6—6 of Fig. 3, taken through the legs and transversely of the board.

Referring now to the drawings, there is shown an ironing board 6 of the usual form, having a transverse batten 7 secured against its under face in spaced relation to the rearward end of the board, at approximately the beginning of the swell of the board, it being understood that by the term "swell" is meant the enlarged rearward end of the ironing board. Rearwardly of the batten 7, there are a pair of transversely spaced depending legs 8, which have their upper ends engaged in recesses 9 formed in the under face of the ironing board, these legs being located adjacent to the sides of the ironing

board as shown. Rearwardly of the legs 8, a pair of depending brackets 10 are secured to the under face of the board, and are spaced from each other transversely of the board. Each of these brackets is formed from a single piece of suitably stiff wire, and includes the vertical rearward portion, indicated at 11, and a forward brace portion, indicated at 12. These brackets are formed by bending the single piece of wire of which each is composed upon itself, thus producing a doubled portion indicated at A. The lower end of the doubled portion is bent at right angles, as shown at B, and thus forms a foot for engagement beneath a table top or other support with which the board is engaged. Above this foot, a slight distance therefrom, the two portions of the wire are separated, the forward portion being bent forwardly and diagonally, to produce the brace 12. The extremity of this portion is bent into an eye 13, which receives an attaching device 14, engaged in the under face of the board. The other portion of the wire, indicated at 11, extends vertically, and has its upper portion offset laterally as shown at 14', and engaged through an opening 15 formed in the ironing board, the extremity being bent laterally above the ironing board and inserted therein, as shown at 16.

A tension device is shown in the drawings at 17, and is formed of a single piece of spring wire bent upon itself to form spaced legs 18 and a connecting bight 19. The bight is disposed between the two brackets 10, curving outwardly above the feet C and resting normally thereagainst. Two legs 18 extend to points between the legs 8 mentioned in the foregoing, where each of the legs 18 is bent to produce a plurality of helices 20, beyond which, the extremities of the legs extend beneath the batten 7, which thus holds the tension device to the board.

As will be seen in the drawings, the feet B of the brackets 10 lie considerably below the ends of the legs 8, so that when these are engaged beneath a table top, the lower ends of the legs 8 rest upon the top of the table, and thus support the ironing board. The tension device 17 pressing upon the upper face of the table prevents accidental disengagement of the board therefrom.

As shown in Fig. 3, the braces 12 of the brackets 10 are directed slightly toward the center of the board.

What is claimed is:

1. The combination with an ironing board, of depending legs carried thereby, depending brackets carried by the board, and having laterally turned feet lying below the lower ends of the legs, and a tension device carried by the board said tension device and the feet of the bracket being arranged to receive a body therebetween.
2. The combination with an ironing board, of a depending bracket carried by the board, said bracket having a portion arranged for engagement beneath a table top, and a tension device carried by the board and lying normally in engagement with the upper face of the said portion of the bracket said tension device being movable away from the said portion of the bracket for engagement of a body between said tension device and said portion of the bracket.
3. The combination with an ironing board of depending brackets carried thereby, said brackets including portions arranged for engagement beneath a table top, depending legs carried by the board and arranged for engagement of their lower ends with the upper surface of a table top, a tension device carried by the board and arranged for engagement of the upper face of a table top with which the brackets and legs are in engagement, and a batten secured to the under face of the board, and extending across portions of the tension device, to hold the latter in position.
4. An ironing board for attachment to table tops comprising a board portion, depending brackets carried by the rearward end of the board portion each of said brackets comprising a piece of wire bent upon itself to produce front and rear portions, said rear portions being engaged in the ironing board, said front portions having their upper part bent diagonally and forwardly and secured to the under face of the board, said brackets having their lower extremities turned at right angles and forwardly, depending legs carried by the board forwardly of the bracket, and terminating short of the forwardly turned portions of the brackets, a tension device comprising a length of spring wire bent to form spaced legs and a connecting bight, said legs being disposed at their extremities against the under face of the board, and a batten secured against the under face of the board and over the extremities of the legs of the tension device to hold the latter in position, said tension

device being disposed for engagement of its bight portion with the upper faces of the forwardly turned portions of the brackets.

5. The combination with an ironing board, of depending members carried thereby and having portions turned laterally for engagement beneath a table top, a spring member secured to the ironing board and extending above the laterally turned portions of the first named members, said spring member being arranged to exert its tension against movement away from said laterally turned portions, and additional means for supporting the ironing board.

6. The combination with an ironing board, of a bracket secured to the ironing board and extending downwardly therefrom, said bracket having its lower end portion turned laterally for engagement beneath a table top, a depending supporting member carried by the ironing board, and a spring member secured to the ironing board and extending oppositely to the laterally turned portion of the bracket, said spring member being arranged to lie normally in close relation to the laterally turned portion of the bracket, for engagement upon a table top beneath which the bracket is engaged.

7. The combination with an ironing board, of a depending bracket carried by the ironing board and having a laterally turned foot at its lower end, a depending supporting member carried by the ironing board, and a spring member carried by the ironing board and arranged for movement toward and away from the upper surface of the foot, said spring member and foot being arranged for the engagement of a table top therebetween.

8. The combination with an ironing board of a depending bracket carried by the ironing board, said bracket having a laterally turned foot at its lower end, a depending supporting leg carried by the ironing board, and a spring member carried by the ironing board, said spring member consisting of a length of wire secured at its ends to the ironing board and having its intermediate portion bent into the form of a loop and extended above the foot of the bracket in relatively close relation thereto.

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

DAVID H. MATHER.

Witnesses:

A. N. ANDERSEN,
DAVID INGLE.