(No Model.)

C. W. HILLENBRAND.

IRONING TABLE.

No. 544,301. Patented Aug. 13, 1895.

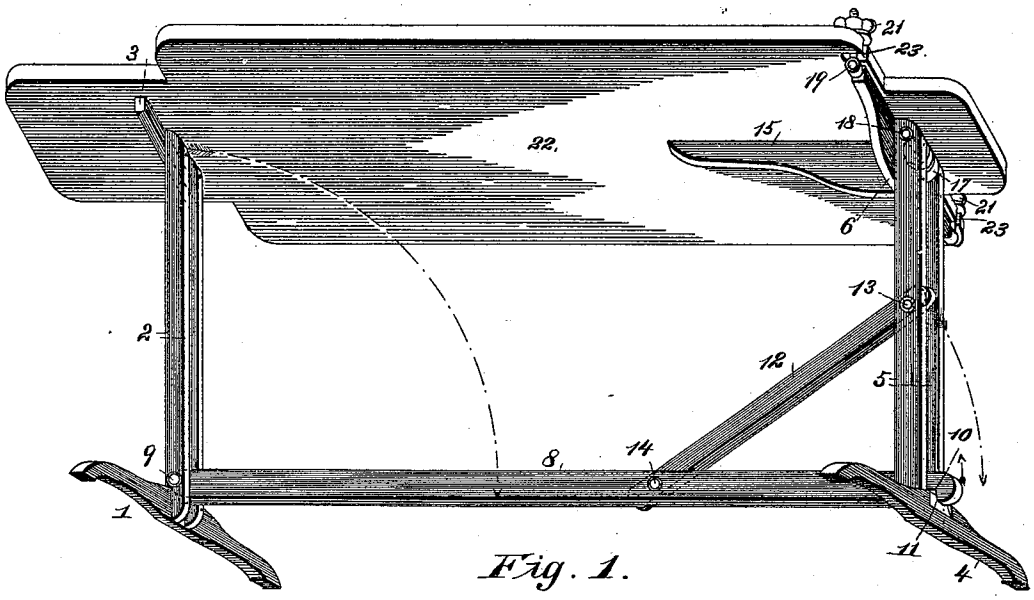
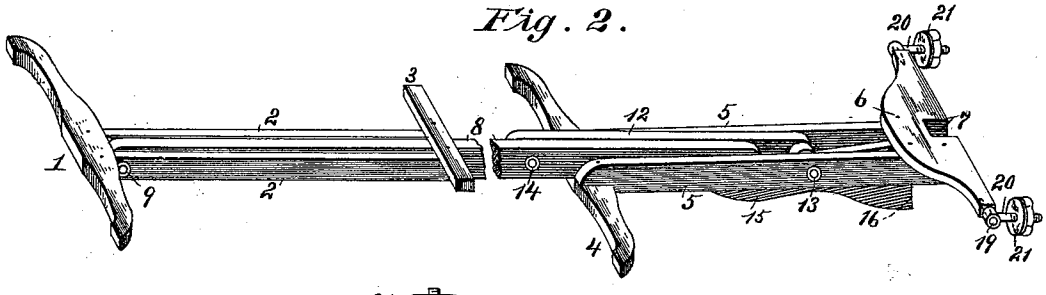


Fig. 1.

Fig. 2.



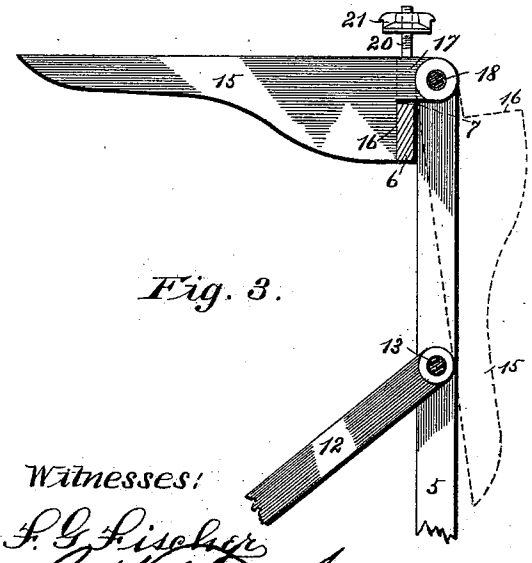


Fig. 3.

Fig. 4.

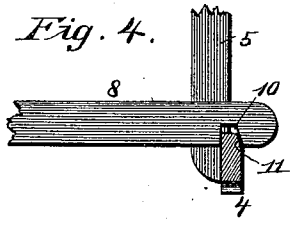
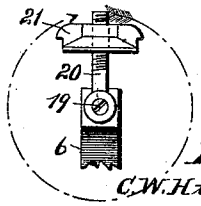


Fig. 5.



Witnesses:

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Inventor:

C. W. Hillenbrand.

By Higdon & Higdon

Attys.

UNITED STATES PATENT OFFICE.

CHARLES W. HILLENBRAND, OF KANSAS CITY, KANSAS, ASSIGNOR OF ONE-HALF TO PHOEBE A. BARTLES, OF SAME PLACE.

IRONING-TABLE.

SPECIFICATION forming part of Letters Patent No. 544,301, dated August 13, 1895.

Application filed August 13, 1894. Serial No. 520,105. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. HILLENBRAND, of Kansas City, Wyandotte county, Kansas, have invented certain new and useful Improvements in Ironing-Tables, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to ironing-tables; and the object of my invention is to produce a device of this character which is of light weight, so as to be conveniently portable, and which may be easily and expeditiously unfolded and set up in operative position or folded into small compass for storage, and which is simple, durable, and inexpensive of construction.

With this object in view the invention consists in certain novel and peculiar features of construction and combinations of parts, as hereinafter described and claimed.

In order that the invention may be fully understood, reference is to be had to the accompanying drawings, in which—

Figure 1 represents a perspective view of a supporting-stand and ironing-board embodying my invention. Fig. 2 is a perspective view of the stand in its folded or inoperative position. Figs. 3 and 4 are enlarged vertical sectional views of portions of the supporting-stand. Fig. 5 is an enlarged view showing the construction and arrangement of the pivoted bolts.

In the said drawings, a standard comprises the horizontal and transverse foot portion 1, the vertical and parallel bars 2, secured at their lower ends to the foot portion 1 about midway its length, and a transverse bar 3, which connects the vertical bars at their upper ends and extend parallel with the foot portion 1. A second standard comprises the foot portion 4, the parallel bars 5, rising vertically from and secured to the foot portion 4 at their lower ends, and the transverse bar 6, which connects the upper ends of said bars together at their inner edges. The upper edge of this transverse bar 6, which is parallel with the foot portion 4, occupies the same horizontal plane as the upper edge of the transverse bar 3, but is of greater depth at its middle, as shown, and is provided with a notch 7, which registers with the space between the upper ends of the bars 5. The horizontal bar 8 is pivoted at one end at 9 between the lower ends of the bars 2, and is provided near its opposite end, which fits between the bars 5, and in its under side with a notch 10, which engages, when the device is in its operative position, the upper edge of the foot portion 4, and the outer margin of said foot portion and the engaging edge of the notch 10 are beveled, as shown at 11, to insure a more rapid and easy engagement of the bar 8 with said foot portion. An inclined brace-bar 12 is pivoted at its upper end at 13 between the bars 5, and at its lower end at 14 to the bar 8. A horizontal supporting-arm 15 is notched at its front end to form the vertical shoulder 16, which bears against the inner side of the bar 6 and the forwardly-projecting tongue 17, which projects through the notch 7 in the upper edge of the bar 6 and is pivoted upon the bolt 18 between the upper ends of the bars 5. Pivotally mounted upon screws or pins 19, projecting horizontally from the ends of the bar 6, are the bolts 20, which are adapted to swing in a vertical plane, and carried by said bolts are the clamping-nuts 21.

The ironing-board 22, which may be of the form shown or of any other suitable and preferred form, is preferably provided in its front end with notches 23, apart a distance equal to that between the pivoted bolts 20, which engage said notches, as shown clearly in Fig. 1, said board resting near its rear end upon the transverse bar 3, and is clamped in such position by the nuts 21.

When it is desired to place a shirt or skirt in position upon the ironing-board the standard at the rear end thereof is pivotally operated in the direction indicated by the arrow or in the opposite direction to allow the garment to be slipped to position, the board meanwhile being supported by the clamping-nuts 21 upon the cross-bar 6 and the supporting-arm 15. The standard having the bars 2 is then moved back to its operative position to sustain the rear end of the board when pressure employed in ironing is applied thereon.

When it is desired to store the table the stand is folded to the position shown in Fig. 2, and this is accomplished by first removing the board from the stand. The arm 15 is now pivotally operated forwardly to the position

shown in dotted lines, Fig. 3, and the rear standard is folded downward in the direction indicated by the arrow, Fig. 1, until the bars 2 fit snugly at opposite sides of the bar 8, and the bar 3 rests thereon, as shown clearly in Fig. 2. The bar 8 is now disengaged at its front end from the foot portion 4, and the front standard is pivotally operated in the direction indicated by the arrow, Fig. 1, until said foot portion 4 strikes against the under side of the bar 8, and the bars 5 are at opposite sides thereof, and the bar 12 is interposed between one of said bars 5 and the bar 8, as shown clearly in Fig. 2.

Should a person in unfolding or setting up the stand for use fail for any reason to throw the arm 15 to its operative position (shown in full lines in Figs. 1 and 3) and the board be engaged by the bolts and nuts, as described, the board, at its free or rear end, would in case the rear standard was pivotally operated swing downwardly, the bolts operating pivotally upon the screws or pins 19, and therefore would not injure or break the structure, as would possibly be the case were rigid or fixed bolts employed with clamping-nuts to secure the front end of the ironing-board in position, though I wish it to be understood that such a construction would not be a departure from the spirit and scope of my invention.

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

1. The combination, substantially as hereinbefore set forth, of an ironing-board, with a supporting stand, comprising a longitudinal bar, a standard pivoted thereto, and having an extended foot-portion, and a cross-bar at its upper end upon which one end of the ironing-board rests, a second standard having a foot-portion detachably engaged by the opposite end of the longitudinal bar, and having a notched cross-bar at its upper end, a supporting arm bearing against the under side of the ironing-board and formed with a shoulder bearing against the inner side of the cross-bar of the last-mentioned standard, and with a tongue projecting through the notch thereof and pivoted to the upper end of said standard, and an inclined brace-bar, pivotally connected at its opposite ends to the said standard and to the longitudinal bar.

2. The combination, substantially as hereinbefore set forth, of a notched ironing-board, with a supporting stand, comprising a longitudinal bar, a standard pivotally connected thereto and supporting one end of said ironing-board, a second standard detachably engaged by the opposite end of said longitudinal bar, a brace-bar pivotally connecting the last-mentioned standard and the longitudinal bar, a supporting-arm pivotally carried by the last-mentioned standard and bearing at the under side of the ironing-board, bolts pivotally supported from said last-mentioned standard and engaging the notches of the ironing-board, and clamping-nuts engaging said bolts and said ironing-board at its upper side.

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

CHARLES W. HILLENBRAND.

Witnesses:
G. Y. THORPE,
M. R. REMLEY.