M. P. NICHOLS.

IRONING BOARD.

APPLICATION FILED MAY 13, 1916.

1,226,987. Patented May 22, 1917.

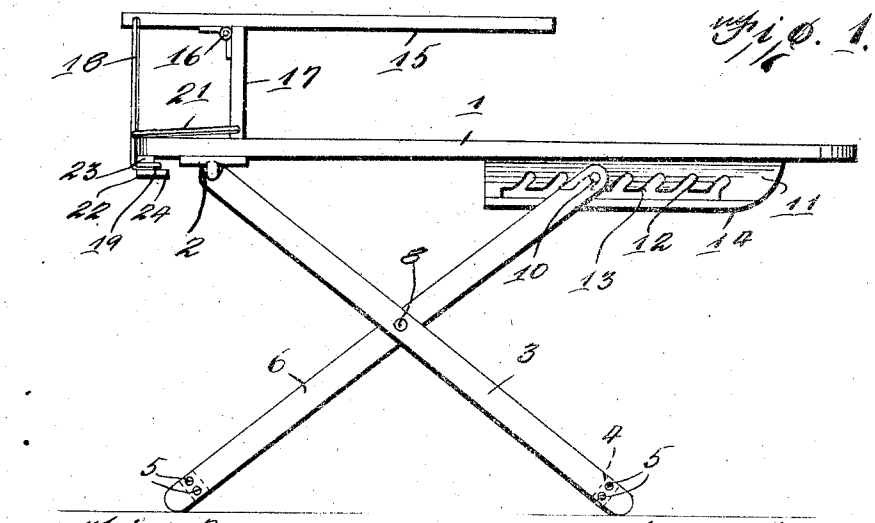


Fig. 1.

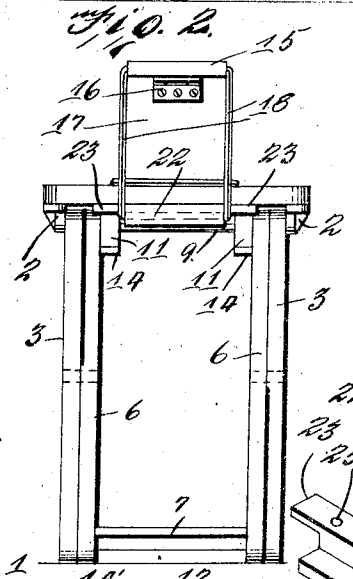


Fig. 2.

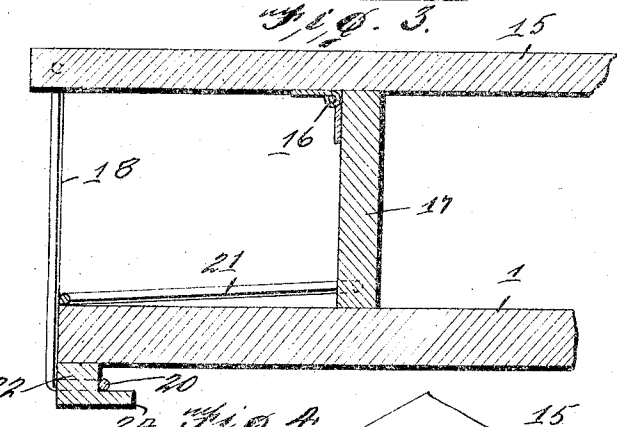


Fig. 3.

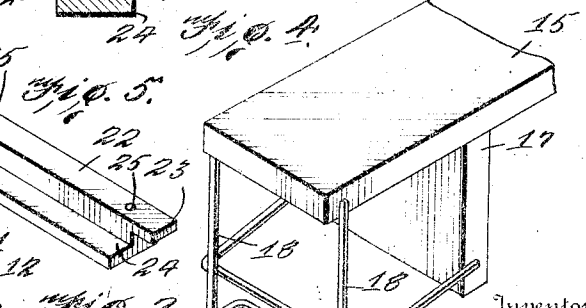


Fig. 4.

Fig. 5.

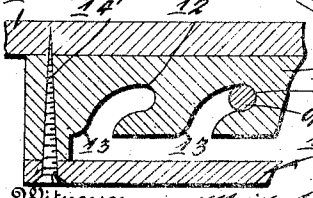


Fig. 6.

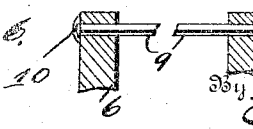


Fig. 7.

Fig. 8.

Witnesses

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UNITED STATES PATENT OFFICE.

MAHLON P. NICHOLS, OF LEETONIA, OHIO.

IRONING-BOARD.

1,226,937. Specification of Letters Patent. Patented May 22, 1917.

Application filed May 13, 1916. Serial No. 97,362.

To all whom it may concern:

Be it known that I, MAHLON P. NICHOLS, a citizen of the United States of America, residing at Leetonia, in the county of Columbiana and State of Ohio, have invented certain new and useful Improvements in Ironing-Boards, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to ironing boards and has for its principal object the production of an ironing board of a foldable nature which when not in use may be folded so as to consume a minimum amount of space.

Another object of this invention is the production of an ironing board which is provided with a rack member so constructed as to positively hold the ironing board in a set-up position when in use.

A still further and important object of this invention is the production of a sleeve board which is used in connection with the ironing board and which is so constructed as to be efficiently retained in a set-up position upon the ironing board and which may be quickly dismounted when it is not desired to use the same.

With these and other objects in view this invention consists of certain novel combinations, constructions, and arrangements of parts as will be hereinafter fully described and claimed.

In the accompanying drawings:

Figure 1 is a side elevation of the ironing board showing the sleeve board carried thereby.

Fig. 2 is a rear elevation of the ironing board showing the sleeve board mounted thereon.

Fig. 3 is an enlarged fragmentary longitudinal section through the ironing board and sleeve board illustrating how the sleeve board is carried.

Fig. 4 is an enlarged perspective view of the rear end of the sleeve board.

Fig. 5 is a detail perspective view of a certain cleat used in connection with this device.

Fig. 6 is an enlarged fragmentary sectional view through a portion of the rack member and ironing board.

Fig. 7 is a fragmentary sectional view through the upper ends of the auxiliary standards.

Referring to the accompanying drawings by numerals it will be seen that the ironing board comprises a body 1 having the brackets 2 adjacent its rear end. The primary standards 3 are pivotally connected to the brackets 2 and are connected at their lower ends by the rung 4 which is secured by screws or other suitable securing members 5. The auxiliary standards 6 are held in spaced relation by means of the rung 7 and are further pivotally secured to the central portions of the primary standards 3 by means of the pins 8. A rod 9 having heads 10 formed thereon connects the upper ends of the standards 6, as shown in Fig. 7.

The rack member 11 is provided with a plurality of inwardly extending curved pockets 12 having reduced entrance portions 13. The rod 9 is adapted to pass into the entrance portions of the pockets as clearly shown in Fig. 6 and then into the inner portions of the pockets so as to retain the ironing board in a desired set-up position. Since the diameter of the rod 9 is slightly larger than the breadth of the entrance portions of the pockets 12 it will be seen that the rod will slightly wedge within the entrance of the pocket when passed thereinto or when being withdrawn therefrom so that any possibility of the rod accidentally moving from the interior of the pocket when the board is in a set-up position is eliminated. A strap 14 is held by the screws 14′ upon the rack member 11 the rack member being held upon the lower portions of the body of the board 1 by means of the same screws 14′.

The sleeve board 15 is provided with a hinge 16 to which the spacing block 17 is secured so that this block 17 will be hingedly carried by the sleeve board 15. The link 18 is pivotally mounted upon the rear end of the sleeve board 15 and has inwardly extending ends 19 at its lower portions connected by the bridge 20 formed out of alinement with the main portions of the link 18. The loop 21 is pivotally mounted upon the lower portions of the block 17 and is adapted to bear against the inner portions of the link 18 when the sleeve board is in use, as clearly shown in Figs. 1 and 4. The cleat 22 shown clearly in Fig. 5 is provided with a tongue 23 extending from its end portions and with a longitudinally extending flange 24 formed thereon. This cleat 22 is secured upon the body 1 by passing any suitable securing means through

the openings 25 whereby the flange 24 will be carried at a spaced distance from the lower surface of the body 1, as shown clearly in Figs. 1 and 3.

When the sleeve board is in use the link 18 is swung downwardly, at which time the loop 21 is positioned against its inner lower portions while the block 17 is swung so as to extend at right angles to the body 15. This block 17 is then positioned so as to rest upon the upper portion of the body 1 of the ironing board, while the bridge 20 of the link 18 is passed around the cleat 22 so that the bent portions 19 will bear upon the lower portions of the tongues 23, while the bridge 20 will bear upon the cleat 22 being retained in position by means of the flange 24 as shown clearly in Fig. 3. In this manner it will be seen that the sleeve board 15 will be held in its correct set-up position above the body 1 of the ironing board since the link will be held in its correct position by means of the loop and the cleat, while the weight of the board will be carried by the block 17. Of course, when so desired the sleeve board may be quickly and easily removed from its position above the main board 1 allowing the whole upper surface of the main board to be utilized in the pressing of clothes.

From the foregoing description it will be seen that a very efficient ironing board has been constructed which is provided with a simple and efficient means for retaining the same in a set-up position and preventing the accidental folding of the same, and which is further provided with a sleeve board carried thereon having simple and efficient connections for holding the same in its correct spaced position above the body of the ironing board.

What is claimed is:

1. In a device of the class described, the combination of a sleeve board, a block hingedly mounted upon said sleeve board, said block being adapted to be carried upon a support for holding said sleeve board above the support, a link pivotally mounted upon the rear end of said sleeve board, said link having lateral extensions at its outer end, a bridge connecting said extensions, said bridge being adapted to fit under the support, whereby said sleeve board will be removably held in a horizontal plane.

2. In a device of the class described, the combination of a sleeve board, a block hingedly mounted upon said sleeve board, said block being adapted to be carried upon a support for holding said sleeve board above the support, a link pivotally mounted upon the rear end of said sleeve board, said link having lateral extensions at its outer end, a bridge connecting said extensions, said bridge being adapted to fit under the support, whereby said sleeve board will be removably held in a horizontal plane, and means for holding said block from accidentally collapsing when in use.

3. In a device of the class described, the combination of a sleeve board, a block hingedly mounted upon said sleeve board, said block being adapted to be carried upon a support for holding said sleeve board above the support, a link pivotally mounted upon the rear end of said sleeve board, said link having lateral extensions at its outer end, a bridge connecting said extensions, said bridge being adapted to fit under the support, whereby said sleeve board will be removably held in a horizontal plane, means for holding said block from accidentally collapsing, and means for releasably holding said link from accidentally disengaging the support, whereby said sleeve board will be supported in a horizontal plane above the support.

4. In a device of the class described, the combination of a sleeve board, a block hingedly mounted upon said sleeve board, said block being adapted to be carried upon a support for holding said sleeve board above the support, a link pivotally mounted upon the rear end of said sleeve board, said link having lateral extensions at its outer end, a bridge connecting said extensions, said bridge being adapted to fit under the support, whereby said sleeve board will be removably held in a horizontal plane, and a loop pivotally mounted upon said block, said loop being adapted to bear against the inner portions of said link for holding said block in a set-up position, whereby said sleeve board will be removably held in a horizontal plane above the support.

5. In a device of the class described, the combination of a sleeve board, a block hingedly mounted upon said sleeve board, said block being adapted to be carried upon a support for holding said sleeve board above the support, a link pivotally mounted upon the rear end of said sleeve board, said link having lateral extensions at its outer end, a bridge connecting said extensions, said bridge being adapted to fit under the support, whereby said sleeve board will be removably held in a horizontal plane, a loop pivotally mounted upon said block, said loop being adapted to bear against the inner portions of said link for holding said block in a set-up position, and means for holding said link from accidentally disengaging the support, whereby said sleeve board will be removably held in a horizontal plane above the support.

6. In a device of the class described, the combination of a sleeve board, a block hingedly mounted upon said sleeve board, said block being adapted to be carried upon a support for holding said sleeve board above the support, a link pivotally mounted

upon the rear end of said sleeve board, said link having lateral extensions at its outer ends, a bridge connecting said extensions, said bridge being adapted to fit under the support, whereby said sleeve board will be removably held in a horizontal plane, a loop pivotally mounted upon said block, said loop being adapted to bear against the inner portions of said link for holding said block in a set-up position, and a cleat having tongues extending from its ends, said cleat also having a longitudinal flange, said cleat being adapted to be carried by the support, said link being adapted to fit around said cleat so as to engage the inner portions of said flange and the under portions of said tongue, whereby said link will be held from slipping, whereby said sleeve board will be removably held in a horizontal plane above the support.

In testimony whereof I hereunto affix my signature.

MAHLON P. NICHOLS.