Nov. 16, 1943. A. H. MOORE 2,334,344

MATERIAL SUPPORTING ATTACHMENT FOR IRONING BOARDS

Filed June 17, 1942

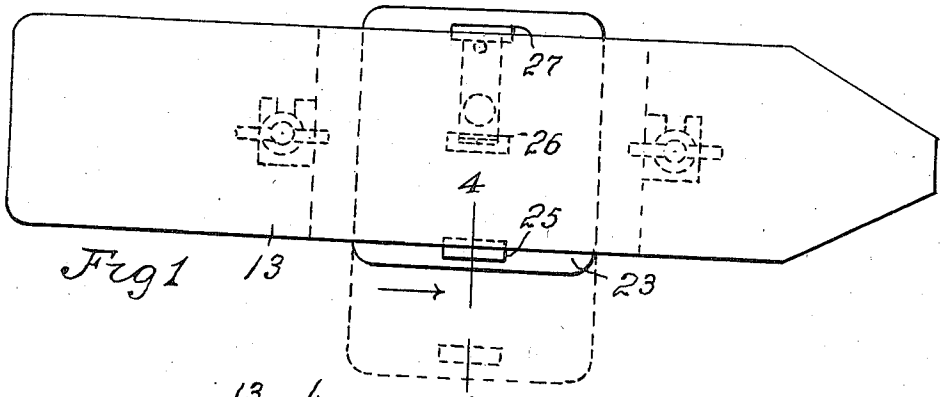


Fig 1

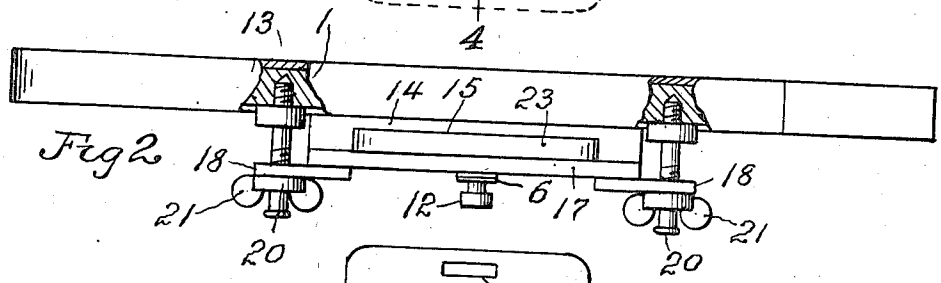


Fig 2

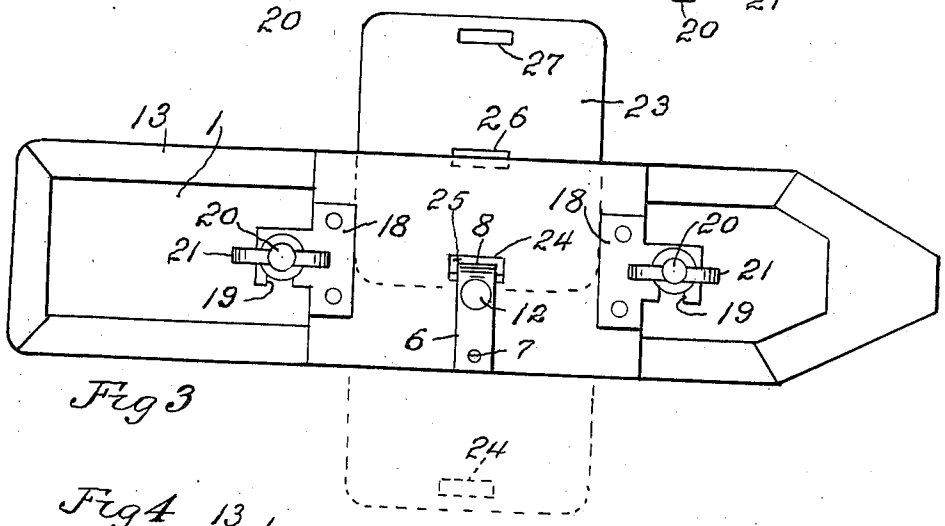


Fig 3

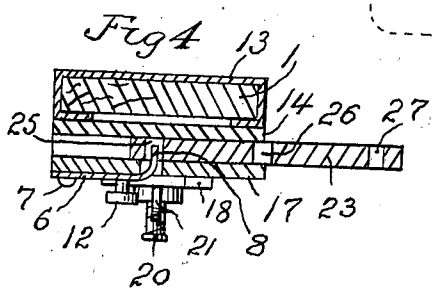


Fig 4

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Patented Nov. 16, 1943 2,334,344

UNITED STATES PATENT OFFICE

2,334,344

MATERIAL SUPPORTING ATTACHMENT FOR IRONING BOARDS

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Application June 17, 1942, Serial No. 447,418

1 Claim. (Cl. 38—141)

My invention relates to improvements in material supporting attachments for ironing boards. It is particularly adapted for supporting, at one side of one longitudinal edge of an ironing board, material that is being ironed, and which, if not so held, might slip from the ironing board, such as blouses, open shirts, sheets and the like.

One of the objects of my invention is the provision of a novel material supporting attachment of the kind described comprising a supporting member attachable to the under side of an ironing board, a shelf slidable on said member from a retracted position under the ironing board to an operative material supporting position projecting from one longitudinal edge of the ironing board, and novel means for locking the shelf in the retracted and projecting positions.

A further object of my invention, is the provision of novel means for releasable fastening of the supporting member to the ironing board, so that the attachment may be easily and quickly removed, when it is desired to substitute another fabric covering for the one which is usually provided for the ironing board, and so that the attachment may be easily replaced in operative position after such substitution.

Still another object of my invention is the provision of novel means for supporting the shelf, so that it may be moved from a retracted position under the ironing board to an operative position projecting from either longitudinal edge of the ironing board, to adapt it for right or left handed persons, or for use at either edge of the board by one person.

These and other novel features of my invention are hereinafter fully described and claimed.

In the accompanying drawing, which illustrates my invention,

Fig. 1 is a plan view of one form of my invention, the shelf being shown in solid lines in the retracted position, and shown in dotted lines projecting from one longitudinal edge of the ironing board.

Fig. 2 is a longitudinal side edge view, partly broken away, of the form of attachment shown in Fig. 1.

Fig. 3 is a bottom view of the form shown in Fig. 1, showing the shelf in solid lines projecting from one longitudinal edge of the ironing board, and shown in dotted lines projecting from the opposite longitudinal edge of the board.

Fig. 4 is a cross section taken on the plane of the line 4—4 of Fig. 1.

Similar characters of reference designate similar parts in the different views.

Referring to Figs. 1 to 4, for a description of my invention, the ironing board 1 is shown provided with a usual fabric covering 13, which is folded around the edges of the board, and extends a short distance against the under side of the board.

The supporting member of this form of my invention comprises a rectangular element 14 having its upper side disposed against the fabric covering 13, and provided on its lower side with a transverse groove 15, in which is transversely slidably mounted a rectangular shelf 23, which is held in the groove 15 by the other element 17 of the supporting member, which other element 17 is flat and rectangular and integrally fastened to the under side of the element 14. Integrally fastened to the under side of the element 17 and projecting from opposite edges thereof respectively are two plates 18, having in like side edges two notches 19 adapted to respectively receive the lower threaded end portions of two posts 20. The upper ends of the posts 20 are screw threaded and are screwed into the ironing board 1 at its under side, in substantially longitudinal alinement in the middle of the ironing board at opposite sides respectively of the supporting member 14—17.

Respectively mounted on the lower threaded portions of the posts 20 are two thumb nuts 21, which are adapted to be screwed on the posts into pressing holding contact with the under sides of the plates 18, to hold the supporting member tightly against the fabric covering 13.

When it is desired to substitute another covering for the covering 13, the thumb nuts 21 are loosened and the supporting member is withdrawn, the posts 20 passing out of the notches 19.

After the substitution has been made, the supporting member 14—17 is slid sidewise into its operative position, the posts 20 reentering the notches 19, after which the nuts 21 are tightened.

Slidably mounted in the groove 15 from a retracted position under the ironing board, as shown in solid lines in Fig. 1, to the two operative positions, shown in solid and dotted lines in Fig. 3, is a rectangular shelf 23.

For releasably locking the shelf 23 in the retracted and two projecting positions mentioned, a locking device is provided which consists of a spring metal strip 6 fastened by a screw 7 to the under side of the element 17 of the supporting member. The free end portion 8 of the spring strip extends upwardly through a hole 24 in the element 17, and is adapted to enter each of three holes 25, 26 and 27 provided in the shelf 23.

When the shelf is in the retracted middle posi-

tion, the portion 8 of the spring strip enters the hole 26 which is in the middle of the shelf. When the shelf is in the projecting position, shown in dotted lines in Fig. 1, and in solid lines in Fig. 3, the spring portion 8 of the locking device enters the hole 25 in the shelf 23. When the shelf is in the position shown in dotted lines in Fig. 3, the spring portion 8 enters the hole 27.

The locking device thus is enabled to releasably lock the shelf against accidental displacement in the retracted and two projecting positions shown.

A button 12 is also fastened to the under side of the spring strip 6 to be gripped by the operator for withdrawing the locking portion 8 from such hole 25, 26 or 27 in the shelf 23, when it is desired to change the position of the shelf. The spring portion 8 automatically enters the locking position, when the shelf becomes positioned in the retracted or projecting positions.

The lower ends of the posts 20 are enlarged, as shown, to prevent the thumb nuts 21 from being screwed off from the posts, thus eliminating liability of loss or displacement of said nuts.

When the shelf 23 is withdrawn to either of its projecting position at opposite edges of the ironing board, portions of the article which is being ironed may be placed upon the shelf and the article thus held from accidental slipping from the board.

When so desired, the shelf may also be employed to support the sad iron when the latter is not in use.

Modifications of my invention, within the scope of the appended claim, may be made, without departing from the spirit of my invention.

What I claim is:

A material supporting attachment for ironing boards comprising a supporting member having transverse supporting guiding means and adapted to be fastened to the under side of an ironing board, and having at opposite side edges two notches respectively, two downwardly extending posts having means for securing them to the ironing board at opposite sides respectively of said supporting member and adapted to respectively enter said notches, and having threaded lower end portions, two nuts respectively mounted on said threaded end portions and to releasably engage the lower side of said supporting member for releasably tightly holding said supporting member against the under side of the ironing board, and a shelf slidably mounted on said supporting means and movable from a retracted position under said supporting member to an operative position projecting from one longitudinal edge of the ironing board.

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