SLEEVE BOARD ATTACHMENT FOR IRONING BOARDS

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My invention relates in general to ironing boards such as are employed for ironing, pressing and similar purposes, and the ironing board may be either of the portable type with foldable legs, or it may be of the cabinet type.

The invention resides more particularly in an auxiliary or sleeve board and means whereby it can be detachably connected to the main ironing board and adjusted to different positions for use, or it may be turned down to rest directly upon the main ironing board and thus occupy only a minimum of space when the main ironing board is to be stored away.

In order that the invention may be fully understood, reference will now be had to the accompanying drawings, in which:

Fig. 1 is a side elevation of an ironing board equipped with my sleeve board attachment.

Fig. 2 is a plan view of the parts disclosed by Fig. 1.

Fig. 3 is an enlarged broken sectional view on line 3—3 of Fig. 2.

Fig. 4 is a cross sectional view of the ironing board with the sleeve board attachment adjusted to one position.

Fig. 5 is a rear elevation of the ironing board with the sleeve board turned down against the ironing board.

Referring in detail to the different parts, 2 designates an ironing board which may be either of the portable type, or of the cabinet type, as preferred.

Referring more particularly to the sleeve board attachment, 4 designates a sleeve board which tapers towards each end for the convenience of a right handed person, or a left handed person, and is provided at its under side with a fixed bracket 5 having a depending flange 6 provided with a vertical slot 10. The flange 8 extends downward between the upright portions 12 and 14 of a C-member 16 and an arm 18, respectively. The upright portions 12 and 14 are united near their lower ends with a spacing element 20 of the same thickness as the flange 8.

The upright portions 12 and 14 are provided with apertures 22 and 24, respectively, which register with the slot 10 for the passage of a bolt 26 upon which the bracket 5 is adjustably mounted. The bolt 26 is provided with a coil spring 28 which is interposed between a washer 30, bearing against the upright portion 14 of the arm 18, and a nut 32 threaded upon one end of the bolt to regulate the tension of the spring 28. A cam 34 is connected to the other end of the bolt by a pivot 36 and when adjusted to one position is adapted to compress the coil spring 28 and thereby press the vertical portions 12 and 14 into frictional engagement with the flange 8 of the bracket 5 to hold the sleeve board 4 in any of its adjusted positions.

The vertical portion 12 of the C-member 16 is provided at its lower and upper ends with horizontal extensions 38 and 40, respectively, the former of which is adapted to rest upon the ironing board 2, while the latter extends beneath and supports the sleeve board 4, as shown by Figs. 1 and 3. The vertical part 14 of the arm 18 is provided at its upper end with a horizontal extension 42 which cooperates with the horizontal extension 40 in supporting the sleeve board 2.

The rear end 44 of the arm 18 is bent upwardly to bear against the upturned portion of a right angle element 46 to which it is adjustably connected by a thumb screw 47. The horizontal portion of the right angle element 46 is connected by a pivot 48 to the upper portion of a clamp 50 adapted to engage the rear end of the ironing board 2 and provided at its lower portion with a thumb nut 52 adapted to be adjusted into firm engagement with the under side of the ironing board so as to firmly hold said clamp in position thereon.

With the parts constructed and arranged as above described it will be understood that the arm 18 may be swung in a horizontal plane upon the pivot 48 to position the sleeve board 4 directly over the ironing board 2 for use, or the arm may be swung to carry the sleeve board beyond either of the longitudinal edges of the ironing board, as indicated by the arrow, Fig. 1, to act as a rack in supporting articles which have been ironed or pressed upon the ironing board 2. It will also be understood that when the ironing board 2 is to be stored away after use that the sleeve board 4 and associated parts may be removed by detaching the clamp 50 from the ironing board, or if desired the sleeve board may be inverted to rest directly upon the ironing board 2, as disclosed by Fig. 5, so that it will occupy but little space, by loosening the cam 34 and turning the sleeve board down against the upright portions 12 and 14, after which the thumb screw 47 is loosened and the arm 18 is turned thereon one-fourth of a revolution to carry the vertical portions 12 and 14 downward until checked by the sleeve board contacting the upper surface of the ironing board.

From the foregoing description it is apparent that I have provided a sleeve board attachment
possessing the advantages above pointed out, and while I have shown and described one form of the invention I reserve all rights to such other forms and modifications thereof as properly fall within the spirit and scope of the invention as claimed.

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

1. In combination with an ironing board, a sleeve board, a bracket fixed to the underside of said sleeve board approximately midway between the ends of the latter and provided with a down-turned flange, a C-member comprising an upright portion located adjacent to one side of the flange and provided with lower and upper horizontal extensions to rest upon the ironing board and support the sleeve board, respectively, an arm suitably connected at one end to the ironing board and provided at its opposite end with an upright portion located at the other side of the flange and provided at its upper end with a horizontal extension which cooperates with the C-member in supporting the sleeve board, an element parallel to the longitudinal axis of the sleeve board and extending through registering apertures in the bracket, the C-member and the upright portion of the arm to be turned edgewise to the ironing board, and means pivotally connected to said element to coat therewith in drawing said upright portions into frictional engagement with the flange to secure the sleeve board in any of its adjusted positions.

2. In combination with an ironing board, a sleeve board, a bracket fixed to and depending from the underside of the sleeve board, a C-member located adjacent to one side of said bracket and adapted to rest upon the ironing board and support the sleeve board, an arm suitably connected at one end to the ironing board and provided at its opposite end with an upright portion located at the other side of the bracket and provided at its upper end with a horizontal extension which cooperates with the C-member in supporting the sleeve board, an element parallel to the longitudinal axis of the sleeve board and extending through registering apertures in the bracket, the C-member and the upright portion of the arm to be turned edgewise to the ironing board, and means pivotally connected to said element to coat therewith in drawing the C-member and the upright portion of the arm into frictional engagement with the bracket to secure the sleeve board in any of its adjusted positions.

3. In combination with an ironing board, a sleeve board, a bracket fixed to the underside of the sleeve board, a C-member located adjacent to one side of the bracket and adapted to rest upon the ironing board and support the sleeve board, an arm suitably connected at one end to the ironing board and provided at its opposite end with an upright portion located adjacent to the other side of the bracket and terminating at its upper end in a horizontal extension which cooperates with the C-member in supporting the sleeve board, an element parallel to the longitudinal axis of the sleeve board and extending through registering apertures in the bracket, to permit the sleeve board to be turned edgewise to the ironing board, a coil spring on said element, a nut threaded upon one end of said element to tension the coil spring, and cam means pivotally connected to the other end of the element to coat therewith in drawing the C-member and the upright portion of the arm into frictional engagement with the bracket to secure the sleeve board in any of its adjusted positions.

4. In combination with an ironing board, a sleeve board, a depending member fixed to the underside of said sleeve board, a C-member located adjacent to one side of said depending member and adapted to rest upon the ironing board and support the sleeve board, an arm provided at one end with an upright portion located adjacent to the other side of the depending member and terminating at its upper end in a horizontal extension which cooperates with the C-member in supporting the sleeve board, means associated with the other end of the arm for operably connecting it to the ironing board so that the arm and the sleeve board can be swung in a horizontal plane past either side of said ironing board, an element parallel to the longitudinal axis of the sleeve board and extending through registering apertures in the depending member, the C-member and the upright portion of the arm to be turned edgewise to the ironing board, and means associated with said element to coat therewith in drawing the C-member and the upright portion of the arm into frictional engagement with the depending member to secure the sleeve board in any of its adjusted positions.

5. In combination with an ironing board, a sleeve board, a depending member fixed to the underside of said sleeve board, a C-member comprising an upright portion located adjacent to one side of the depending member and provided with lower and upper horizontal extensions to rest upon the ironing board and support the sleeve board, respectively, an arm provided at one end with an upright portion located adjacent to the other side of the depending member and terminating at its upper end in a horizontal extension which cooperates with the upper horizontal extension of the C-member in supporting the sleeve board, an element extending through registering apertures in the depending member and said upright portion of the sleeve board to be turned edgewise to the ironing board, and means pivotally connected to said element to coat therewith in drawing the depending member and terminating at its upper end in a horizontal plane past the either side of said ironing board. PETER E. WEILERT.