Dec. 14, 1948. A. M. HARVEY 2,456,411

GARMENT SUPPORTING DEVICE FOR IRONING BOARDS

Filed March 11, 1946

Fig. 1.

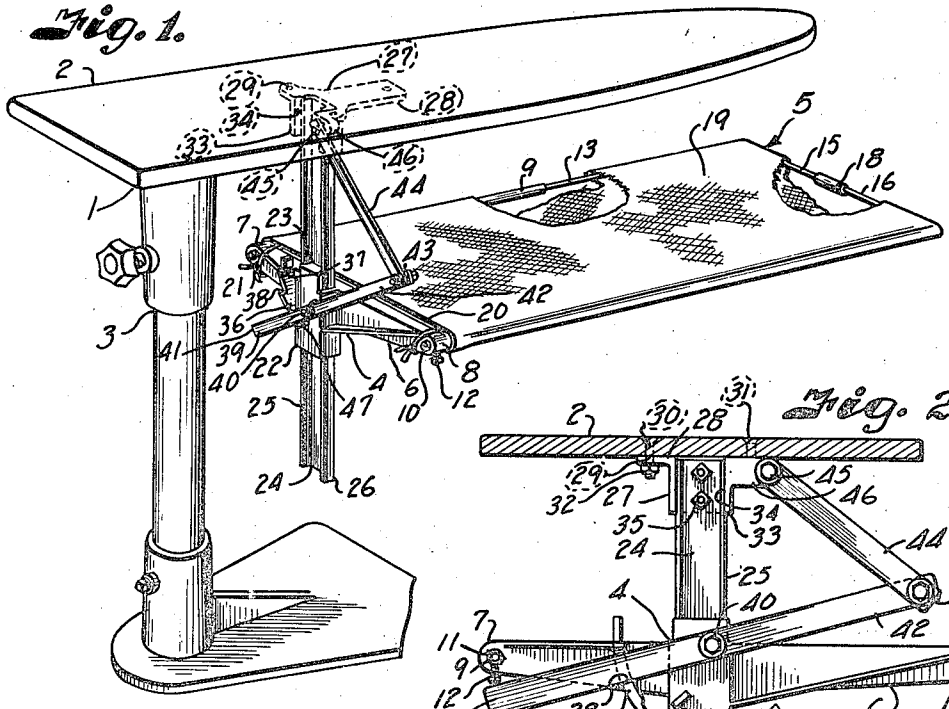


Fig. 2.

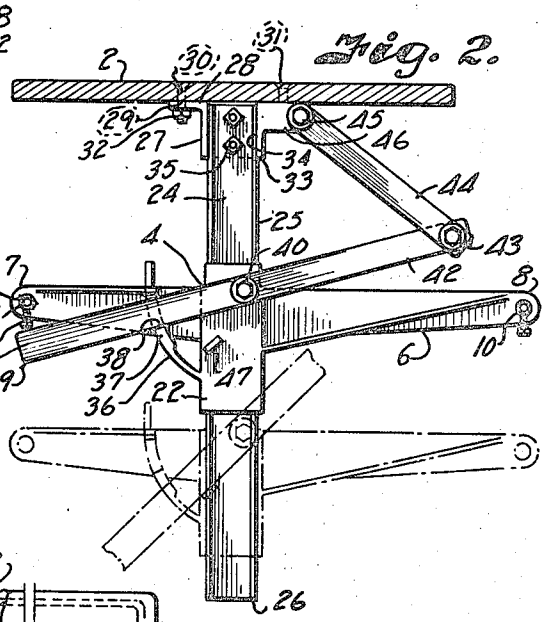
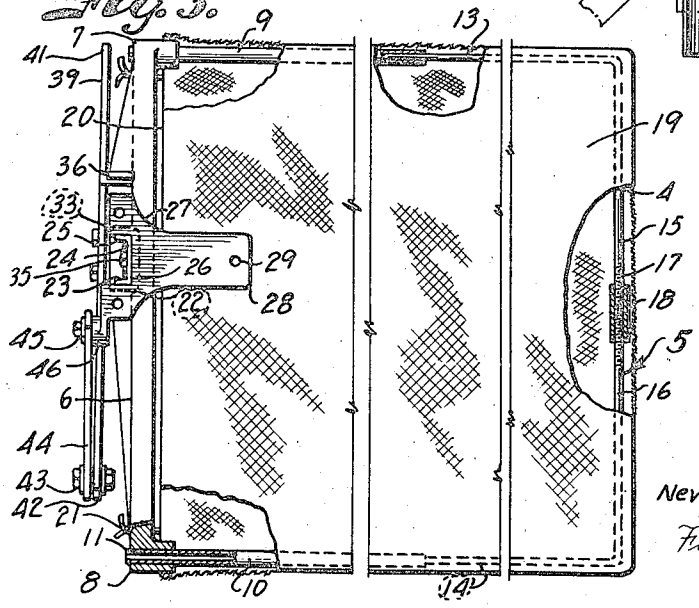


Fig. 3.



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Patented Dec. 14, 1948

2,456,411

UNITED STATES PATENT OFFICE

2,456,411

GARMENT SUPPORTING DEVICE FOR IRONING BOARDS

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Application March 11, 1946, Serial No. 653,556

2 Claims. (Cl. 38—111)

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This invention relates to ironing boards and more particularly to a basket adapted to be mounted beneath an ironing board to retain and support garments and similar articles during ironing thereof, and has for its principal object to provide a simple and relatively inexpensive device of this character that may be readily attached to a conventional ironing board so that it does not interfere with ironing operations and which will effectively support articles from contact with the floor while they are being ironed.

In ordinary ironing operations ample clearance is desired between the ironing board and the basket, however, in ironing certain classes of articles such as plaited work, it is necessary to move the support closer to the ironing board to prevent weight of the overhanging portions from pulling out the plaits as they are being ironed.

It is, therefore, a further object of the invention to provide means for adjusting the support to and from the ironing board.

In accomplishing these and other objects of the invention, as hereinafter pointed out, improved details of structure have been provided, the preferred form of which is illustrated in the accompanying drawings, wherein:

Fig. 1 is a perspective view of an ironing board equipped with a basket embodying the features of the present invention.

Fig. 2 is a sectional view through the board showing the basket in its intermediate position in full lines and its lowermost position in dotted lines.

Fig. 3 is a plan view of the basket and its support, parts of the cloth covering being broken away to better illustrate the basket frame.

Referring more in detail to the drawings:

1 designates an ironing board such as used in laundries, dry cleaning establishments, and the like, and on which various fabric articles such as clothing are ironed by hand. The ironing board includes a table 2 of conventional shape, that is adjustably carried on a supporting standard 3 so that it is adapted to be raised and lowered to an elevation most convenient for the operator. Preferably suspended below the table 2 so that it is movable therewith is an ironing board basket 4 employing the features of the present invention.

The ironing board basket includes a rectangular frame 5 having width and length corresponding to the table 2 and preferably consists of a main supporting arm 6 arranged transversely of the width of the table and having sleeve-like terminals 7 and 8 at its ends to adjustably

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mount tube-like rods 9 and 10, the rear ends of the rods being received in the bores 11 of the sleeves and adjustably secured therein by set screws 12.

Telescopingly mounted in the forward ends of the tubes 9 and 10 are rod-like extensions 13 and 14 terminating at their forward ends in lateral arms 15 and 16 that cooperate with the main arm 6 in maintaining spaced relationship of the side members of the frame composed of the sections 9—13 and 10—14. The terminal ends of the extensions 15 and 16 are preferably threaded as indicated at 17 for mounting a coupling sleeve 18 as best shown in Figs. 1 and 3. Sleeved over the supporting frame is a fabric covering in the form of a slip or sack 19 having an open end 20 to pass the slip over the frame. The slip is then secured to the ends of the arm 6 by ties 21.

Fixed to the main arm 6, preferably offset from the longitudinal center of the basket, is a vertically arranged sleeve 22 having a channel-shaped passageway 23 extending therethrough to accommodate the web 24 and side flanges 25 of a channel-shaped guide 26 that is suspendedly supported from the bottom of the table 2 by a bracket 27.

The bracket 27 includes a substantially T-shaped plate 28 having openings 29 therethrough to pass fastening devices 30. The fastening devices are preferably bolts having flat heads 31 countersunk within the top of the ironing board table as best shown in Fig. 2 and with the shanks thereof extending through openings which have been drilled in the ironing board in registering relation with the openings 29 of the bracket. The bolts are secured by nuts 32 which cooperate with the heads to clamp the bracket against the under face of the board. The bracket also includes a depending, channel-shaped flange 33 forming an open sided socket 34 to receive the upper end of the channel-shaped guide, the channel-shaped guide being rigidly secured in the socket by fastening devices, such as bolts 35 as shown in Fig. 2.

By reason of the offset mounting of the sleeve 21, one of the terminals of the supporting arm 6 is shorter than the other, and this arm is arranged at the operator's side of the board so that that side of the basket preferably aligns with the overlying edge of the ironing board table and the other side of the basket projects beyond the corresponding opposite edge of the board an ample distance to catch the portion of the work draping over the ironing table. The shorter arm co-

operates with the sleeve **22** in carrying an arcuate-shaped web **36** having teeth **37** forming stops **38** adapted to be selectively engaged by a positioning arm or lever **39**. The lever **39** is pivotally mounted in the axis of the arcuate web on a cap screw **40** that is threaded into the sleeve **22** as shown in Fig. 2.

The end of the arm that is engageable with the notches thus forms a handle **41** located in convenient reach of the operator and the other end **42** provides a pivotal connection **43** with a link **44** having its other end pivotally mounted as at **45** on an ear **46** extending laterally from the bracket **27**. It is thus obvious that when the handle end of the lever arm is engaged with one of the notches, the lever arm is locked from pivotal movement on the link **44** to support the bracket in adjusted position. However, when the lever is moved laterally away from the engaged notch incidental to the looseness of the pivotal connections, the lever may be shifted to engage the other notch to support the basket at another position for example, the next lower position as shown in Fig. 2.

Projecting from the sleeve **22** is a lug **47** that is also adapted to be engaged by the handle end of the lever to support the basket in a lower position as shown by the dot and dash lines in Fig. 2. It is thus obvious that in the device illustrated, the basket is adapted to be supported in any one of three selected positions so that it is spaced from the table **2** of the ironing board corresponding to the type of work being ironed.

In using the device assembled and installed on an ironing board as above described, and assuming that the basket is in its lowermost position as shown by the dot and dash lines (Fig. 2), the operator will grasp the handle end of the lever and lift it upwardly so that it moves along the face of the arcuate web. During this movement the link **44** swings on its pivotal connection **45** and the lever **39** fulcrums on the pivotal connection **43** so that the basket is raised incidental to its pivotal connection **40** with the sleeve **21**. During adjustment the lever **39** also fulcrums on the pivot **40** so that it is in position to be engaged by the lower stop **38**. When the handle lever is released the weight of the basket acts against the notch **38**, through the lever arm to support the basket in its intermediate position.

Assuming that the operator desires to raise the basket to its uppermost position, the handle end of the lever is shifted outwardly and lifted upwardly to seatingly engage with the upper notch or stop. In this position the basket provides sufficient support for a plaited garment so that the unsupported weight of the garment is not sufficient to interfere with plait pressing operations.

From the foregoing it is obvious that a simple basket construction has been provided which is adapted for ready adjustment with respect to the ironing board so that the work is supported at the elevation best suited to the convenience of the operator.

What is claimed and desired to be secured by Letters Patent is:

1. In combination with an ironing board, a guide suspended from said board, a basket frame, a sleeve on the basket frame and having sliding engagement with the guide, a link having fixed pivotal connection with respect to the ironing board, a rock lever pivotally mounted on said sleeve and having pivotal connection with the link, and means including an arcuate-shaped web carried by said sleeve having a series of stops for selectively engaging the rock lever to retain the basket frame in a selected position on said guide.

2. In combination with an ironing board, a channel-shaped guide depending from the board, a sleeve having sliding engagement with the guide, a basket frame secured to said sleeve, a link having fixed pivotal connection with respect to the ironing board, a rock lever pivotally mounted on said sleeve and having pivotal connection with the link, means including an arcuate-shaped web carried by said sleeve having a series of teeth for selectively engaging the rock lever to retain the basket frame in a selected position on said guide, said teeth being arranged in an arc about the pivot point of the lever, and means on the sleeve for engagement with the lever to limit downward movement of the basket.

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