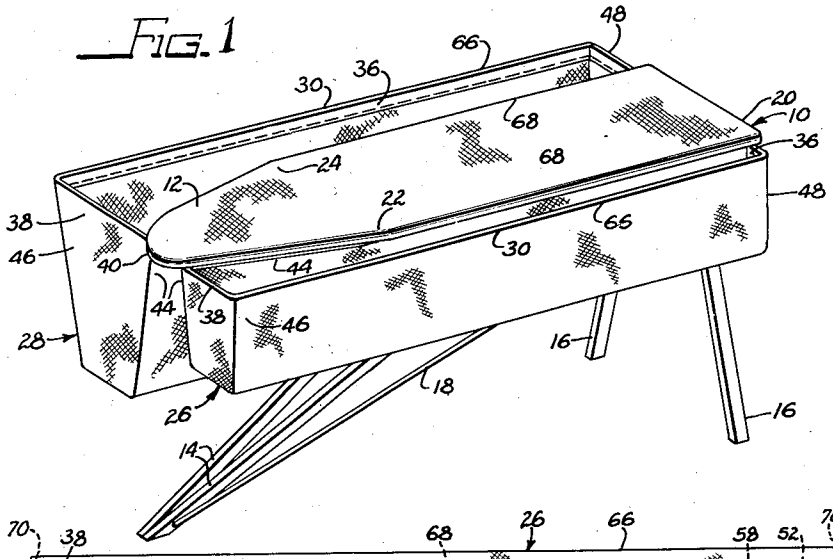
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COMBINED WORK SUPPORT AND IRONING BOARD

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FIG. 1



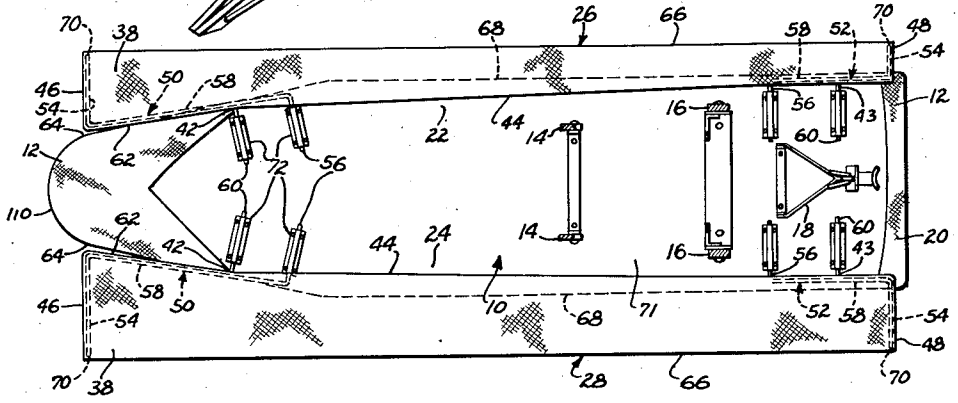
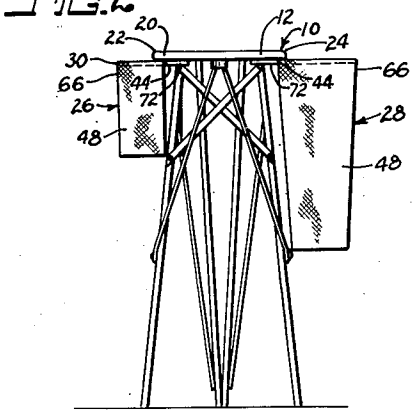


FIG. 3

FIG. 2



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FIG. 5

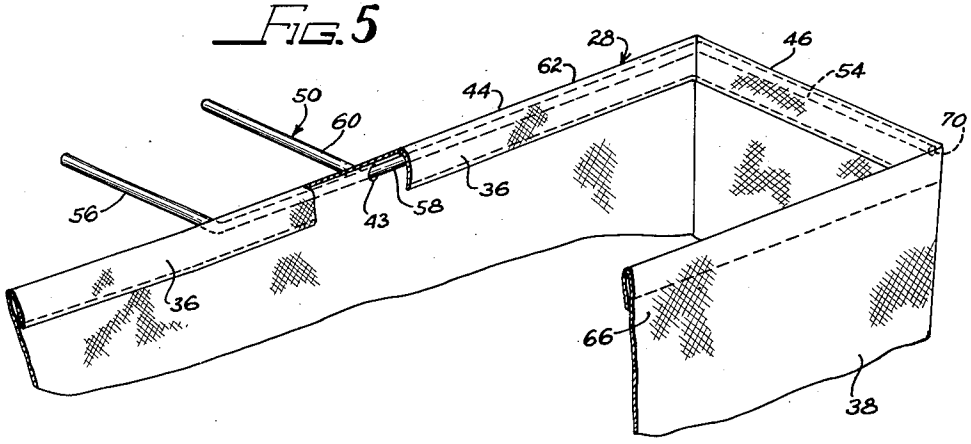
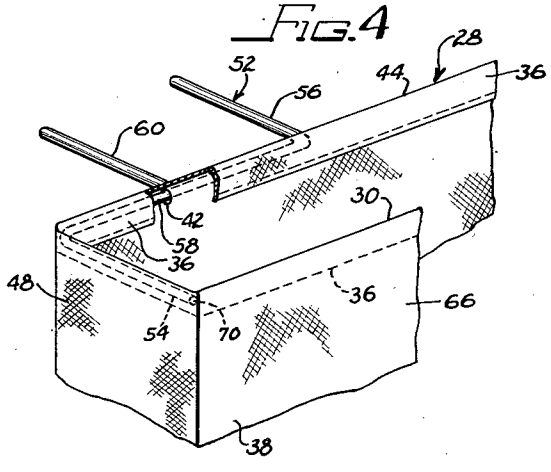


FIG. 4



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UNITED STATES PATENT OFFICE

2,506,479

COMBINED WORK SUPPORT AND IRONING BOARD

Sam Zelzer, Calumet City, Ill.

Application April 10, 1946, Serial No. 661,011

8 Claims. (Cl. 38—111)

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This invention relates to ironing boards, and is concerned more particularly with accessories therefor.

It is an object of my invention to provide an ironing board with means which will contain a moist sheet or curtain in convenient position off the floor and arranged so that it can be fed progressively onto the ironing board, progressively ironed and progressively fed into a container where it will collect substantially without wrinkling.

It is also an object to provide an ironing board with means which will facilitate the ironing of large pieces, such as sheets and curtains.

It is an additional object to provide an ironing board with means which will facilitate the ironing of sheets and the like and will not substantially obstruct movement of the operator.

Another object resides in the provision, in conjunction with an ironing board, of readily detachable means which will facilitate ironing.

A further object is to provide, in conjunction with an ironing board, means which will facilitate ironing and will not interfere with folding and storing of the ironing board.

An additional object is to provide an ironing board with a washable container for holding a sheet or the like to be ironed and permitting the sheet to be progressively withdrawn therefrom and ironed, and another washable container for progressively collecting the ironed sheet.

Further objects and advantages of the invention will appear as the description proceeds.

The invention will be better understood upon reference to the following description and accompanying drawings, in which:

Fig. 1 is an isometric view of an ironing board equipped with accessories in accordance with my invention.

Fig. 2 is a right end elevational view of the structure shown in Fig. 1.

Fig. 3 is an inverted plan view of the structure of Fig. 1, with the ironing board legs in section.

Figs. 4 and 5 are enlarged fragmentary isometric views, partly in section, showing the collecting container details.

Referring now more particularly to the drawings, there is shown at 10 an ironing board suitably covered with cloth 12 and having legs 14 and 16 and associated mechanism 18 for supporting the same from the floor, and adapted to be collapsed to allow the ironing board to stand on its end 20 when not in use, as is customary. In accordance with my invention I provide at the near and far sides 22 and 24 of the ironing board, preferably fabric containers 26 and 28 which extend substantially throughout the length of the ironing board. Figs. 4 and 5 show the collecting container, which, except for size, may be substantially identical with the supply container 26, as will appear.

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The near container 26 is adapted to contain a moist sheet or curtain which is to be ironed, and in said container the sheet will be protected from being soiled by contact with the floor or other objects, and the sheet can be arranged so that an entire edge thereof is at the top so that it may be grasped by the housewife and placed over the ironing board and be ironed. The container at the same time keeps the moist sheet from contact with the housewife's clothing. The outer rim 30 of the container 26, throughout that portion of the length of the board which is of substantially uniform width, i. e., throughout that portion of the board along which the housewife stands when ironing, is in operation spaced from the board a relatively slight amount, substantially only sufficiently to enable the moist sheet to be progressively withdrawn, and will readily yield pursuant to pressure should the housewife tend to stand closer to the board, so that the container does not prevent the housewife from taking a convenient stance such as she could take in the absence of the container 26.

For the purpose of mounting each container on the ironing board, I form each container with a hem 36 affording a sleeve. Each of the containers 26 and 28 is of generally rectangular shape and is preferably wider as shown at 38 adjacent the narrow end portion 40 of the ironing board. Openings 42 and 43 are formed in the inner portion 44 of the sleeve 36 at points proximate to the ends 46 and 48, respectively, of each container, and I provide special brackets 50 and 52 for cooperating with said ends to support each container from the board.

The brackets 50 and 52 may be substantially alike, and each comprises a preferably round stiff rod built into the form of a Z, so as to provide end legs 54 and 56 and a bridge 58, and an additional rod piece 60 is welded or otherwise secured, preferably to the bridge, and extends parallel to and in the same direction as the leg 56, to provide parallel prongs, the distance along the bridge between the prong 60 and the leg 54 being the distance between an end 46 or 48 of the respective container and the adjacent sleeve opening 42 or 43, it being noted also that the angle between the leg 54 and the bridge is the same as the angle between the cooperating container end 46 or 48 and the adjacent sleeve opening. The latter statement is made in view of the fact that, with containers shaped as shown, with one end tapered as at 62 to conform to the tapered sides 64 of the small end 40 of the board, the bridge 58 and the free leg 54 of the bracket 50 will preferably form an acute angle, whereas the corresponding angle of the bracket 52 may form substantially a right angle,

the leg 54 of the brackets 50 and 52 being of such length that the brackets 50 and 52, when mounted as shown and as will appear, maintain the outer portion 66 of the container 26 or 28 substantially parallel to the parallel edge portions 68 of the board.

The containers 26 and 28 being made of fabric, it is evident that the free end 70 of the leg 54 can be inserted in the corresponding sleeve opening 42 or 43 and can be pushed like a curtain rod along the hem sleeve until it occupies substantially the position shown, with the prongs 56 and 60 disposed outside of the respective container. Mounted on the bottom 71 of the board are spaced parallel sockets 72 disposed to snugly and slidably receive the prongs 56 and 60, the sockets being so positioned that when the prongs are projected thereinto as shown, the inner margin 44 of the container is substantially concealed by the longitudinal margin 22 or 24 of the board, and the containers are held substantially taut.

The far or receiving container 28, will be observed, may be relatively substantially wider than the near or supply container 26, in order to accommodate the ironed sheet or curtain without crowding, so that the sheet or curtain may move into and occupy the container 28 without creasing or wrinkling.

The containers 26 and 28 and mountings therefor are so located that they offer no interference with the legs and mounting mechanism therefor secured at the bottom of the board, regardless whether the legs are collapsed or in use. Consequently, when it is desired to stand the board on its end as is customary, the legs of the board can be collapsed in the usual way and the containers may remain mounted as shown, in which event the material of the containers will yield to the wall and occupy practically no space beyond that occupied by the projecting portions of the ironing board legs when they are collapsed.

If it be desired to store the ironing board without the accessories above described, or if for any other reason it is desired to separate the accessories from the ironing board, this may be done by the simple expedient of pulling the brackets 50 and 52 out of their respective sockets. As stated above, the sockets are entirely free of the mechanism normally found at the bottom of an ironing board having a stand, and accordingly the sockets will not interfere with the stand construction, whether in operative or in inoperative position.

The brackets 50 and 52 are readily removed, curtain rod fashion, from the respective hems of the containers, and the containers, being of cloth or other suitable fabric, may be readily washed and reused.

It will be seen from the foregoing that I have provided means for greatly facilitating the ironing of large sheet material by the provision of means which is easily mounted and dismounted and is not itself in the way.

Various modifications may suggest themselves to those skilled in the art without departing from the spirit of my invention, and hence I do not wish to be restricted to the specific forms shown or uses mentioned, except to the extent indicated in the appended claims, which are to be interpreted as broadly as the state of the art will permit.

I claim:

1. An ironing board having a removable cover covering the top, edges and portions of the bottom of said board adjacent the ends thereof, container-supporting members attached to the bottom of said board adjacent but beyond said cover in order not to interfere with attachment and removal of said cover, a limp washable elongated narrow substantially rectangular container of substantially the same length as said board, and means detachably mounting said container with its ends substantially coterminous with the ends of said board, said means comprising brackets detachably connected with and rigidifying the end portions of said container and extending along the same longitudinal side and the transverse end edges of the mouth of said container, portions of said brackets at said longitudinal side and spaced from the ends of said container in conformity with the spacing of said supporting members from the ends of said board being detachably engaged with said members for supporting said container from said board with the ends of said board and container substantially coterminous.

2. In combination with an ironing board including longitudinally spaced bracket-engaging container-supporting members, an elongated narrow substantially rectangular container for sheets and the like to be ironed and made entirely of limp washable material having a hem which, at a longitudinal side of said container, has a pair of lateral openings, one adjacent but spaced from each end of said container, individual generally Z-shaped brackets detachably projecting through the respective openings, each bracket being monoplanar and having its intermediate leg extending in said hem from one of said openings to the adjacent end of said longitudinal side, an end leg extending within said hem substantially throughout the length of the adjacent relatively short transverse edge of said container, and the other end leg projecting out of said hem at said opening, means on the intermediate leg of said bracket being detachably engageable with said supporting members, whereby, when said other leg lies under, adjacent and parallel to the plane of the board and said bracket means is so engaged, said container may be supported from the board.

3. An ironing board having a removable cover covering the top, edges and portions of the bottom of said board adjacent the ends thereof, container-supporting members attached to the bottom of said board adjacent but beyond said cover in order not to interfere with attachment and removal of said cover, a limp washable elongated narrow substantially rectangular container of substantially the same length as said board, and means detachably mounting said container with its ends substantially coterminous with the ends of said board, said means comprising brackets detachably connected with and rigidifying the end portions of said container and extending along the same longitudinal side and the transverse end edges of the mouth of said container, portions of said brackets at said longitudinal side and spaced from the ends of said container in conformity with the spacing of said supporting members from the ends of said board being detachably engaged with said members for supporting said container from said board with the ends of said board and container substantially coterminous, each bracket having a part substantially spaced from the supporting-member-engaging portion of said bracket in a direction away from the adjacent end of said container and substantially engaged with the bottom of the board.

4. In combination with an elongated substan-

tially rectangular washable limp container having a hem with two openings respectively adjacent the ends of and at a longitudinal side of the container, a bracket in the form of a rod of substantially Z formation adapted to be threaded through each opening into the hem and having an end leg of substantially the same length as an end edge of the container to occupy and therefore rigidify the hem thereat, the intermediate portion of said bracket being of substantially the same length and adapted to occupy and therefore rigidify the portion of the hem at said longitudinal side between such end edge of the container and the adjacent opening, the other leg of the bracket extending free of said container and adapted to be engaged with supporting means on an ironing board, whereby, when such brackets are thus assembled with the container, the container may be supported from the board.

5. In combination with an ironing board having container-supporting means and generally rectangular throughout a major part thereof and having a tapered relatively narrow end part and a limp washable elongated container of substantially the same length as the board and rectilinear throughout one longitudinal side thereof but with its other longitudinal side consisting of two angularly related portions, one substantially parallel with said one side and both coextensive with and adapted to extend in contiguity with the adjacent longitudinal edges of the respective rectangular and tapered parts of the board, the container having a hem at its mouth with the short edges thereof perpendicular to said one side, there being openings in said parallel portion of the hem, a pair of rod-like Z-shaped brackets projecting respectively through the openings into the hem, each bracket having an end leg and its intermediate leg adapted to occupy and therefore rigidify substantially the entire length of the adjacent end edge of the hem and the portion of said longitudinal side between said edge and the adjacent opening, and its other end leg being adapted to project free of the container and engageable with the container-supporting means on the board, the outer end leg and the intermediate leg of one of said brackets being at an acute angle to each other in conformity with the angularity between the portion of the hem adapted to extend contiguously with the tapered part of the board and the adjacent short edge of the hem, whereby, when the freely extended legs of the brackets are connected with the supporting means, the container is supported by the board with said portions of the container contiguous with an edge of the board at the respective rectangular and tapered portions thereof and the ends of the container adjacent the ends of the board.

6. In combination with an ironing board having container-supporting means and generally rectangular throughout a major part thereof and having a tapered relatively narrow end part, a limp washable elongated container of substantially the same length as the board and rectilinear throughout one longitudinal side thereof but with its other longitudinal side consisting of two angularly related portions, one substantially parallel with said one side and both coextensive with and adapted to extend in contiguity with the adjacent longitudinal edges of the respective rectangular and tapered parts of the board, the container having a hem at its mouth with the

short edges thereof perpendicular to said one side, there being openings in said parallel portion of the hem, and a pair of rod-like Z-shaped brackets projecting respectively through the openings into the hem, each bracket having an end leg and its intermediate leg adapted to occupy and therefore rigidify substantially the entire length of the adjacent end edge of the hem and the portion of said longitudinal side between said edge and the adjacent opening, and its other end leg being adapted to project free of the container and engageable with the container-supporting means on the board, the outer end leg and the intermediate leg of one of said brackets being at an acute angle to each other in conformity with the angularity between the portion of the hem adapted to extend contiguously with the tapered part of the board and the adjacent short edge of the hem, whereby, when the freely extended legs of the brackets are connected with the supporting means, the container is supported by the board with said portions of the container contiguous with an edge of the board at the respective rectangular and tapered portions thereof and the ends of the container adjacent the ends of the board.

7. A container adapted to be mounted on an ironing board having a tapered end portion, said container being formed entirely of limp washable material and being elongated and being rectilinear throughout one longitudinal side thereof, its other longitudinal side consisting of two rectilinear portions at an obtuse angle to each other and of lengths in conformity with a longitudinal edge of the board, one of said rectilinear portions being substanntially parallel with the first-mentioned longitudinal side.

8. A container adapted to be mounted on an ironing board having a tapered end portion, said container being formed entirely of limp washable material and being elongated and being rectilinear throughout one longitudinal side thereof, its other longitudinal side consisting of two rectilinear portions at an obtuse angle to each other and of lengths in conformity with a longitudinal edge of the board, one of said rectilinear portions being substantially parallel with the first-mentioned longitudinal side, said container having a hem at its mouth, said hem having openings adjacent the respective ends said other longitudinal side for the reception of mounting brackets.

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