April 28, 1953 S. MILLMAN 2,636,295

IRONING BOARD ATTACHMENT

Filed Feb. 13, 1950

Fig. 1.

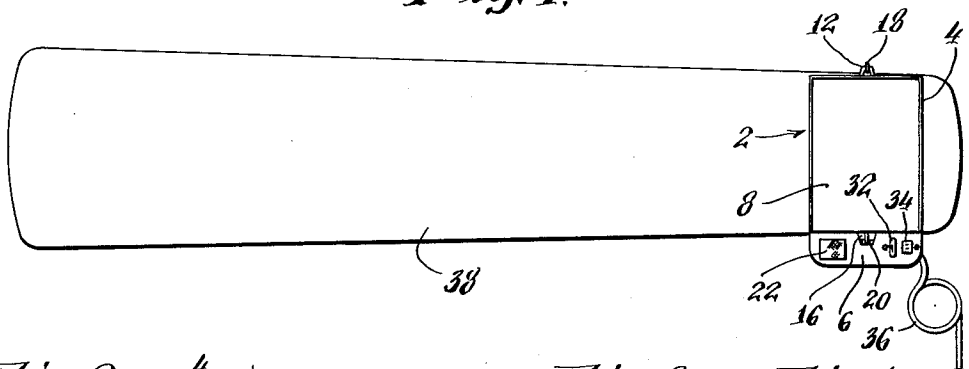


Fig. 2.

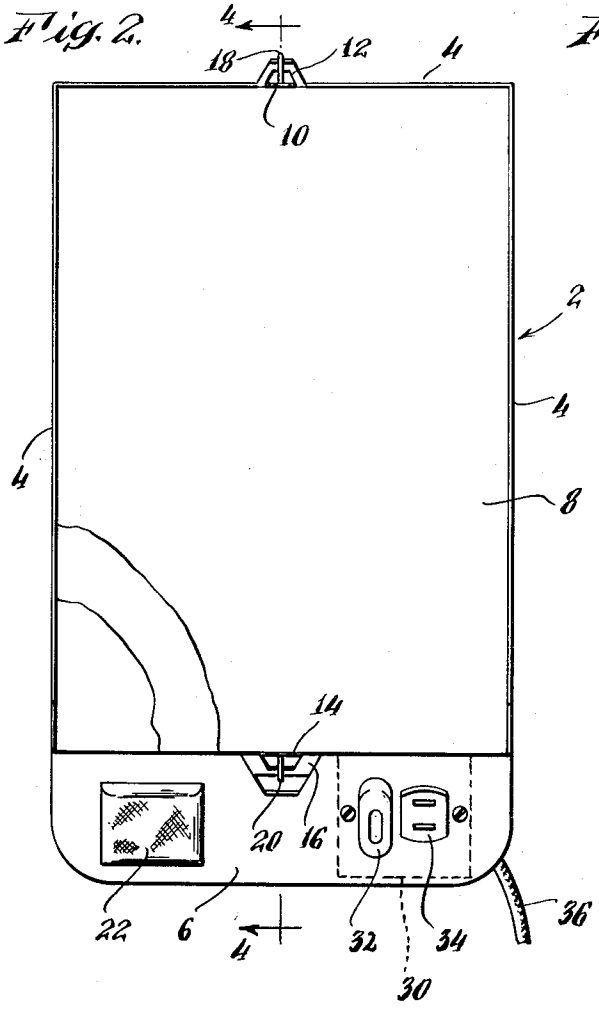


Fig. 3.

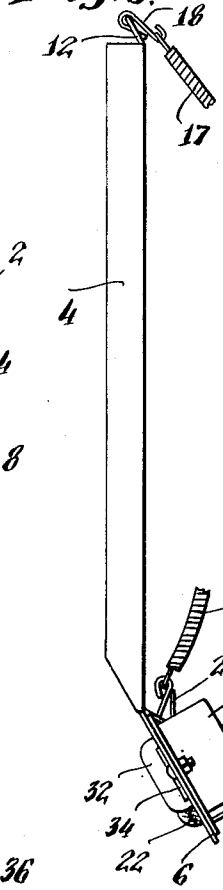
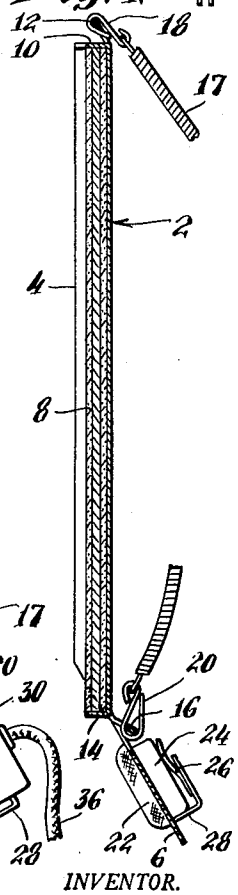


Fig. 4.



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IRONING BOARD ATTACHMENT

Saul Millman, Bronx, N. Y.

Application February 13, 1950, Serial No. 143,973

1 Claim. (Cl. 38—142)

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This invention relates to improvements in ironing devices and, more specifically, it relates to an ironing board attachment, which is an improvement over the device described in my patent application Serial No. 626,482, now abandoned, filed on November 1, 1945, and which I call a "Glidomatic Ironing Board Attachment."

The main object of the present invention is the provision of a device of the character described which serves as a handy stand for the hot flatiron and which can be attached to or detached from any portion of the ironing board in a very simple manner, in the shortest possible time, and without the application of any considerable amount of skill or effort.

Another object of the present invention is the provision of a device of the character described which also constitutes a very practical coupling device for electric cords making it unnecessary to connect the flatiron to a source of current on the wall, ceiling, or the like by means of a long cord but allowing to use a short cord for connecting the flatiron to the ironing board attachment, and to use a second comparatively short cord for connecting said attachment to a source of current.

Still another object of the present invention is the provision of a device of the character described which is primarily flat, which is light in weight and simple in construction, so that it can be manufactured and sold at a very reasonable price, but which is sturdy, durable and well adapted to withstand the rough usage to which such devices are frequently subjected.

A further object of the present invention is the provision of a device of the character described which is provided with a waxer which enables a person using this device to make a dull flatiron, which has a tendency to stick to the cloth to be ironed, instantly easily slidable by providing the iron with a thin waxy layer.

Yet a still further object of the present invention is the provision of a device of the character described which has a supporting base that is so constructed that it can be made of one piece of sheet material although said base has a horizontal main portion, upright side portions, a downwardly inclined end portion, lug-shaped portions, and means for holding the aforementioned waxer as well as electrical equipment.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of parts hereafter more fully described and pointed out in the claim, it being understood that changes may be made in

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the construction and arrangement of parts without departing from the spirit of the invention as claimed.

In the accompanying drawing a preferred form of the invention has been shown.

In said drawing:

Figure 1 is a top plan view of an ironing board with a preferred embodiment of my invention attached thereto;

Figure 2 is a top view of the device drawn at an enlarged scale;

Figure 3 is a side elevation; and,

Figure 4 is a sectional view on the line 4—4 of Fig. 2.

Similar reference characters refer to similar parts throughout the several views.

In the drawing the numeral 2 denotes a longitudinal, thin, flat plate of metal, plastic material, or of any other suitable heat-resisting material, which has a horizontal main portion, three vertical edge sections 4, and a downwardly inclined end portion 6. The numeral 8 denotes a flat heat insulating member consisting of three layers of heat insulating material resting upon said main portion of the plate and being encompassed at three sides by said upwardly bent edge sections 4. A portion 10 of one of the edge sections 4 is separated from the remaining portions at both sides of the portion 10 by a lug-shaped portion 12 which is bent outwardly from the main portion of the plate 2 in an upwardly inclined direction. At that end of the main portion of the plate 2 which is opposite the portion 10 there is at 14 a partially cut-out portion which is bent upwardly and is adjacent one end of said heat insulation 8. This partially cut out portion is a part of a lug-shaped section 16 which is partially cut out from the downwardly inclined portion 6 adjacent the main portion of the plate 2. The section 16 is bent downwardly from said main portion at an inclination which is steeper than the inclination of said portion 6.

A resilient longitudinal member 17 has secured to its ends the hooks 18 and 20, which engage the lug-shaped portion 12 and the section 16 respectively, and is extended over the back of the main portion of the plate 2. The member 17, which preferably consists of a coiled spring 8, permits a fastening of the plate 2 crosswise to an ironing board or the like.

An important feature of my invention is a waxer consisting of an open casing 22 of screening material and containing a piece 24 of paraffine, wax, or of any other suitable waxy substance. A spring 26 presses the piece 24 into the

casing 22 and is secured to a shank of an angular member 28. This member 28 is a rectangular section which is cut out at three edges from the portion 6 of the plate 2, and one shank of which is rightangularly and rearwardly extended from said downwardly inclined portion while its other shank is parallel to said portion 8.

A housing 30 is secured to the rear of a section of the portion 6 of plate 2 and contains a pilot light 32 and a plug-in socket 36, both of which are extended through perforations in said portion 6. A cable 36 connects the socket 34 to a source of current (not shown). The ordinary electric cord (not shown) of a flat iron can be connected to the socket 34, so that this cord can be comparatively short. The pilot light 32 is wired in such a manner that it is illuminated as long as an electric flat iron is connected to the socket 34 and the latter is connected to a source of current, so that the flat iron is being heated.

If my new and improved "glidomatic" ironing board attachment is attached to a board 38, as shown in Figure 1, it serves as a stand for the hot iron, as a coupling device for the electric cords, as an indicator of whether or not the iron is energized, and as a waxer. Whenever the hot iron shows a tendency to stick to the cloth, the operator slides the iron over the screen casing 32, thereby melting a small portion of the piece 24, so that a thin waxy film will be formed at the gliding surface of the iron. Thereupon the iron will no longer stick to the cloth, so that the ironing can be carried out effortless in the usual manner.

Since certain changes may be made in the above article and different embodiments of the invention could be made without departing from the scope thereof, it is intended that all matter contained in the above description or shown in the accompanying drawing shall be interpreted as illustrative and not in a limiting sense.

It is also to be understood that the following claim is intended to cover all of the generic and specific features of the invention herein described, and all statements of the scope of the invention which as a matter of language might be said to fall therebetween.

Having thus fully described my said invention, what I claim as new and desire to secure by Letters Patent in the United States is:

An ironing board attachment comprising a plate of thin sheet metal having a rectangular main portion and three upstanding edge portions with the fourth edge portion inclined to said main portion, heat insulation being provided at the top surface of said main portion, a first lug-shaped section of said fourth edge portion adjacent the main portion of the plate being bent downwardly from said main portion at an inclination which is steeper than the inclination of said fourth edge portion and having a partially cut-out portion which is bent upwardly and is adjacent one end of said heat insulation, a second lug-shaped section of that upstanding edge portion of the plate which is opposite said partially cut-out portion being outwardly inclined from the main portion of the plate, a longitudinal resilient member lengthwise extended over the lower side of said plate having one of its ends detachably secured to said first lug-shaped section while its other end is secured to said second lug-shaped section and being adapted for fastening said main portion crosswise to an end portion of an ironing board in such a manner that said fourth edge portion protrudes laterally beyond the ironing board, said fourth edge portion being provided with a pair of perforations, a plug-in socket being attached to the back of said fourth edge portion and being extended through one of said perforations and a pilot light cooperating with said plug-in socket being attached to the back of said fourth edge portion and being extended through the other perforation, and on said fourth edge portion being provided waxer retaining means comprising a rectangular cutout having a downwardly and inwardly extending flange depending from one of the edges defining the cutout.

SAUL MILLMAN.

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