Aug. 4, 1942. H. B. FAY 2,291,614

IRONING TABLE

Filed Dec. 6, 1940

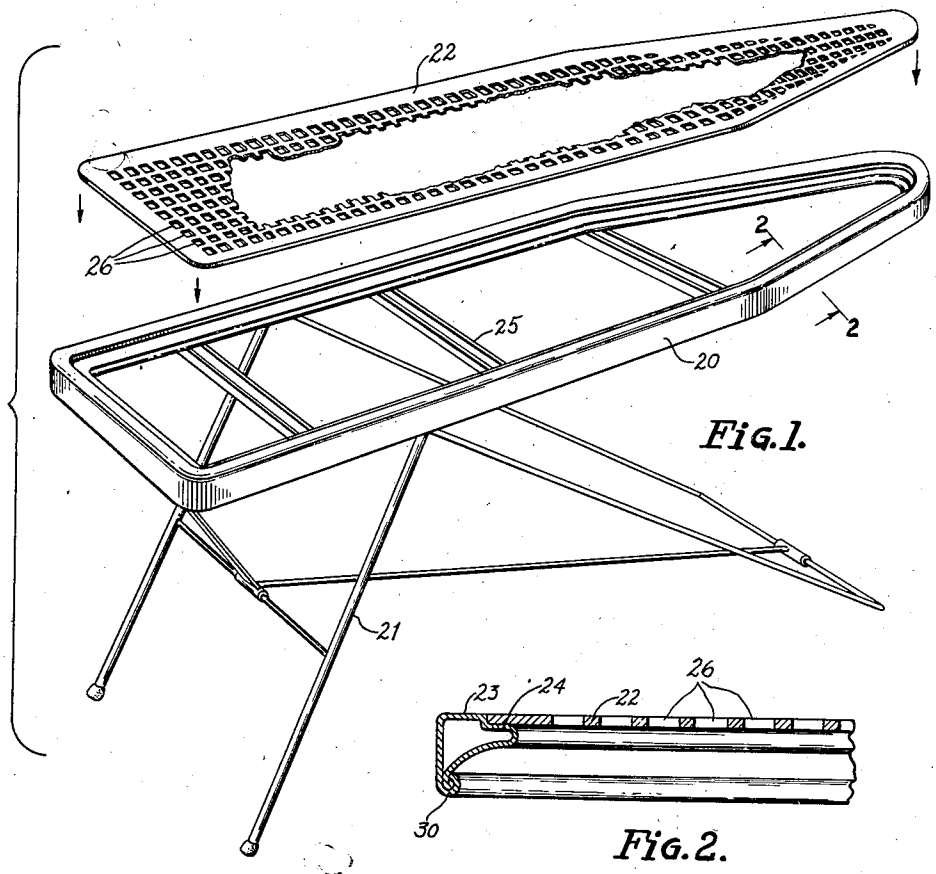


Fig. 1.

Fig. 2.

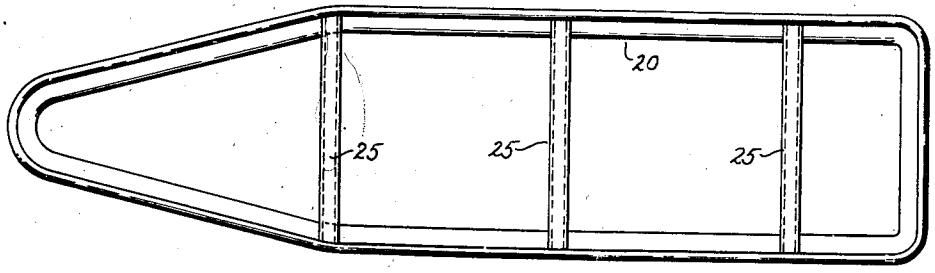


Fig. 3.

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IRONING TABLE

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Application December 6, 1940, Serial No. 368,883

1 Claim. (Cl. 38—137)

The present invention relates to improvements in fireproof metal ironing tables and more specifically is directed to an improved form of board consisting of a frame element and a separate top element which is removably mounted in the frame. The removable top element in the present invention is of a particular type so formed that it provides a top having substantially one half or more of the surface open to provide ventilation through the board to aid in carrying off the moisture which accumulates during the ironing operation.

The present invention in particular provides an improved form of panel or board element of the general type shown in my co-pending application for United States Letters Patent, Serial No. 361,466, filed October 16, 1940, which provides adequate ventilation and moisture dispersion under the severest ironing operations.

To the accomplishment of the foregoing and related ends, said invention, then, consists of the means hereinafter fully described and particularly pointed out in the claim; the annexed drawing and the following description setting forth in detail certain structure embodying the invention, such disclosed structure constituting, however, but one of various forms in which the principle of the invention may be used.

In said annexed drawing:

Fig. 1 is a perspective view of an ironing table with the frame supported by a set of folding legs and with the removable panel shown as disassembled for sake of clarity;

Fig. 2 is a bottom plan view of the frame without the legs but showing the reinforcing braces in place, and

Fig. 3 is a fragmentary section through the frame and panel.

Referring to the drawing and more particularly to Fig. 1, there is shown an ironing table comprising a frame 20 supported by folding legs 21 and into which the panel or top 22 is adapted to fit. The frame is of conventional shape having a substantially rectangular rear portion and a tapered nose portion at the forward end and is so supported that such nose portion overhangs the leg structure to allow garments such as skirts and the like to be slipped over and ironed without wrinkling.

The frame 20 is formed with a flat top portion 23 and an offset shoulder 24, the panel fitting snugly within such flat top and resting on the shoulder 24 and making a flat surface with the top portion 23. The frame is preferably hollow, the top portion and offset shoulder being turned down and rolled into a bead or flange 30 to form a rigid structure which is suitably braced by a series of reinforcing cross members 25, shown as channel irons although their exact form and shape is relatively unimportant. The legs are secured to the under side of the frame in any suitable manner to allow the usual folding thereof.

In the present construction the panel is made of a sheet of metal or plastic material of sufficient transverse strength to take the weight of the iron and the ironing pressure without sagging and such panel is formed like a grill with at least one quarter and preferably up to one half of the material cut out to provide ventilation and even distribution of ventilating apertures over the entire top area within the frame. The apertures 26 are shown as square but the exact form and shape is unimportant except to cut the panel in such a way as to retain sufficient longitudinal and transverse strength to provide a satisfactory ironing surface.

The size of the openings must also be maintained below certain limits preferably not greater than one half inch so that with the usual pad which is employed there will be no marking of the materials being ironed. The greater the open area and the more evenly it is arranged, the better will be the ventilation and the faster the ironing speed. Where weight is an important factor light metal such as aluminum or magnesium alloy may be employed or a plastic material of light weight and fireproof quality may be used.

Other modes of applying the principle of my invention may be employed instead of the one explained, change being made as regards the structure herein disclosed, provided the means stated by the following claim or the equivalent of such stated means be employed.

I therefore particularly point out and distinctly claim as my invention:

In a composite ironing table, the combination of a one-piece, continuous and encircling metal tubular frame having an offset shoulder and terminating at its lower edge in a rolled bead, and a rigid panel within said frame resting on said shoulder, said panel having openings therein uniformly spaced throughout, said openings forming from one-quarter to not more than one-half of the surface area of the panel and each opening being restricted in size so that marking by the open-work panel of the material is prevented.

HORACE B. FAY.