

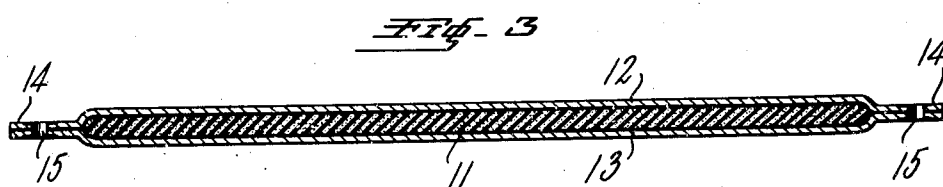
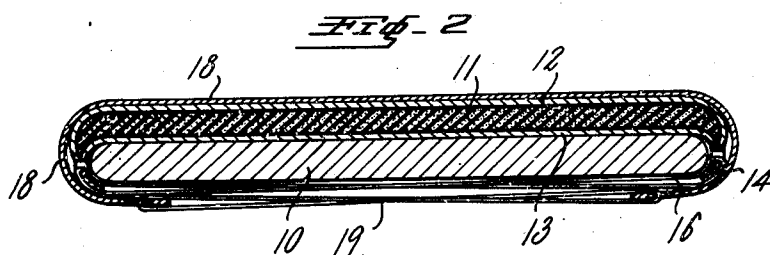
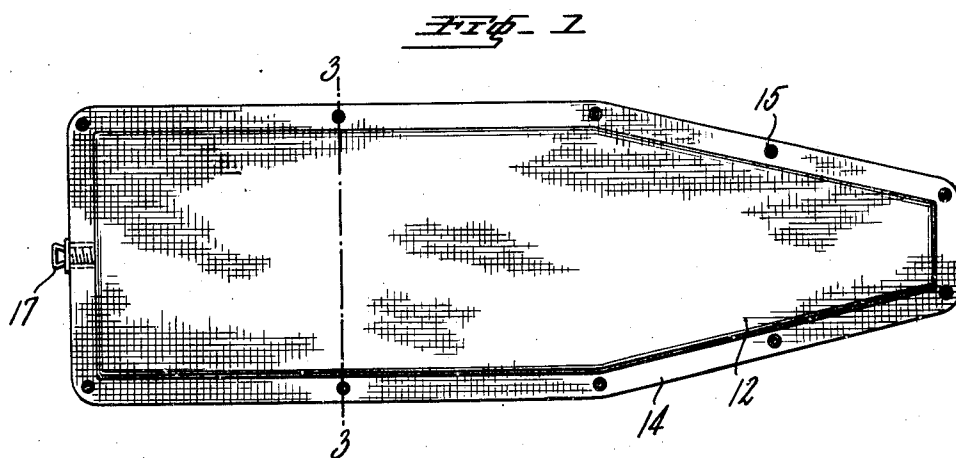
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2,481,833

IRONING BOARD PAD

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2,481,833

IRONING BOARD PAD

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1 Claim. (Cl. 38—140)

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This invention relates to ironing board pads and more particularly to pads that are well adapted to withstand the heat of the iron.

Ironing board pads as commonly used heretofore have been formed of loose cotton fibers or of a coarse woven cotton fabric, but the heat of the iron gradually chars the cotton fibers with the result that cotton pads do not last long. It has also been proposed heretofore to form ironing pads from a sheet of relatively thick sponge rubber but rubber like cotton is injured by the heat of the iron. In order to secure an ironing pad that will not be injured by the heat of the iron it has been proposed heretofore to form the pad of asbestos fibers such as asbestos batting, but the trouble with an asbestos pad is that it packs down rapidly and lacks the resiliency required for efficient ironing.

Having in mind the foregoing the present invention contemplates an ironing board pad which will not pack down at all or unduly, and which is well adapted to withstand the heat of the iron throughout many months of hard use. More specifically the present invention contemplates an ironing board pad which includes a thick layer of water absorbing padding material such for example as cotton or sponge rubber, and this padding material is confined within a flat water-tight bag or skin that is adapted to confine enough water to keep the padding material saturated during the use of the pad for ironing purposes. In other words the present invention contemplates what may be called a water-cooled ironing pad in which the water confined in the pad will prevent any portion of the pad from being heated by the iron to an injuriously high temperature.

The above and other features of the invention will be more fully understood from the following description when read in connection with the accompanying drawing, wherein

Fig. 1 is a top plan view of an ironing board pad constructed in accordance with the present invention.

Fig. 2 is a transverse sectional view through an ironing board equipped with an ironing board pad of the present invention, and having an ironing cover secured over the pad; and

Fig. 3 is an enlarged section taken on the line 3—3 of Fig. 1.

The ironing board pad contemplated by the present invention may be made in various sizes to fit the different size ironing boards now in general use, and may be used upon any well known or preferred type of ironing board such as in-

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dicated by 10 in Fig. 2 of the drawing. The present ironing board pad is preferably large enough to cover the entire upper face of the board 10 and extend downwardly a short distance around the marginal side and end edges of the board so that the pad will present a smooth upper surface and rounded edges, as will be apparent from Fig. 2.

The ironing board pad contemplated by the present invention comprises a thick yielding layer of porous or water absorbing material 11, such for example as sponge rubber, or a textile padding or a mat or felt of glass, asbestos, mineral wool, hemp or other fibers. The resilient, porous material 11 is completely enclosed within a water-tight cover which either may be integral with the porous filling 11, as in the case of an impervious skin of rubber formed on or applied to the surfaces of a sponge rubber pad, or it may be formed separately as a bag or envelope. The cover may conveniently be formed of two sheets of woven fabric 12 and 13 each of which is rubber coated at its inner face to make such fabric water-tight, and the two sheets are firmly bonded or vulcanized together entirely around the padding material 11 so that they form the flanges 14. These flanges are preferably provided with grommets 15 adapted to receive a lacing cord 16 which passes under the board 10 and serves to anchor the pad firmly in place upon the ironing board.

The water-tight bag formed of the water-proof sheets 12 and 13 or the above mentioned skin containing the padding material 11 is supplied with sufficient water to thoroughly saturate the material 11 and fill the voids therein. This may be done by providing at one end of the bag formed of the sheets 12 and 13 a threaded filling opening similar to that used in hot water bags and adapted to be closed by the screw plug 17.

The water absorbing padding material 11 may be formed of various materials that will produce a porous resilient sheet or mass which will stay in place, or in which the material forming the mass is bonded in place by a high-melting or an infusible resin, or is otherwise formed into a resilient sheet. It is deemed important that the padding material 11 be porous and capable of absorbing a large amount of water to thereby more or less immobilize the water so that the water will not be rapidly displaced by the passage of the iron over the ironing pad. To accomplish this the padding material must be firm enough to provide a firm even surface while supporting the weight of the iron. The padding

material also enables a substantial layer of water to remain under the iron when the iron is left standing upon the pad to thereby water-cool this portion of the pad that would otherwise be overheated. If any portion of the pad becomes heated nearly to the boiling point of water the flow of water to and from this area will be stimulated and this will prevent any appreciable amount of the confined water from being changed into steam.

The fabrics 12 and 13 forming the water confining bag may both be formed of any suitable fabric such as woven cotton fabric having a water impervious rubber film at the inner face thereof, or if desired the upper fabric which lies close to the hot iron may be formed of finely woven asbestos yarns while the lower fabric may be formed of a cheaper woven material. The upper fabric 12 of the ironing pad may, if desired, be used as the ironing surface, in which case the usual ironing cover need not be employed. In the construction shown in Fig. 2 of the drawing the ironing pad 11, 12, 13 is provided with an ironing cover 18 which is secured in place over the pad and about the board 14 by the lacing cord 19. This cover 18 may be of the usual or any preferred construction but is preferably a long life, fire-resistant asbestos cover such as described and claimed in the Sunbury Patent No. 2,382,830.

The principal advantages of the ironing board pad contemplated by the present invention are that it will not catch fire, will not scorch, will not discolor the material being ironed, will not pack down or become unduly hard, and should give years of satisfactory service.

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

- An ironing board pad shaped to fit an ironing board and which is well adapted to withstand the heat of the iron, comprising a layer of water-absorbing padding material capable of supporting the ironing pressure and of providing a firm even surface under such pressure, a flat watertight bag containing said material and adapted to confine enough water to keep said material saturated during the use of the pad for ironing purposes, closable filling spout means secured to the bag for supplying water thereto, and anchoring projections along the sides of the pad for anchoring it in place upon an ironing board.

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