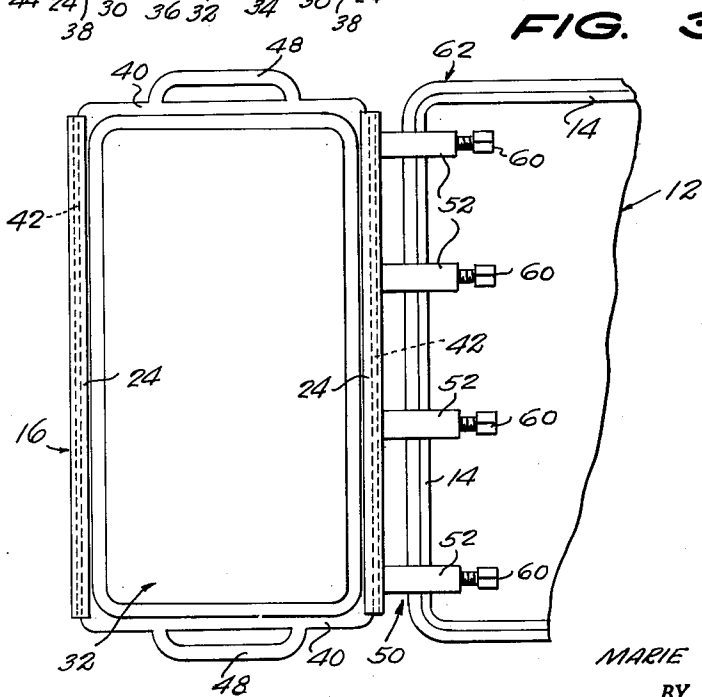
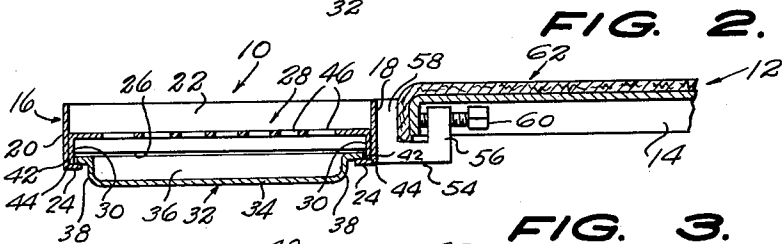
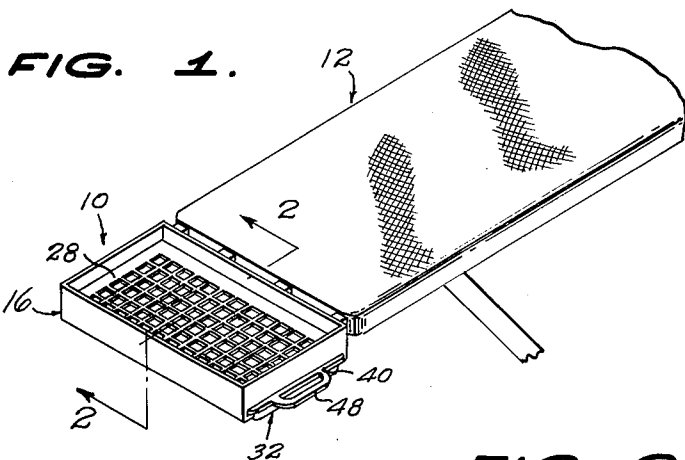


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SAFETY SADIION HOLDER  
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3,080,141



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3,080,141

**SAFETY SADIRON HOLDER**

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This invention relates to a novel safety holder for sadirons.

The primary object of the invention is the provision of a generally superior, more practical, and more efficient holder of the kind indicated, which is especially but not exclusively designed for use with metal ironing boards having pendant peripheral flanges, the holder having clamp means adapted to be supportably clamped around a selected flange of an ironing board, the clamp means serving also as means for spacing and insulating the holder from an ironing board in order to eliminate the danger of the board's becoming overheated and its cover ignited, by transmission of heat from a hot iron in the holder, even though the iron be left accidentally or otherwise, in the holder for an indefinitely long period of time.

Another object of the invention is the provision of a holder of the character indicated above which has a perforated iron support plate for an iron, surrounded by an upstanding retaining wall, extending entirely around the grid, which assures safe retention of the iron in the holder, even when quickly or carelessly placed thereon, so that the danger of an iron, placed in the holder, of falling therefrom is substantially eliminated.

A further object of the invention is the provision of a holder of the character indicated above, which has a drip pan positioned beneath the grid, for catching drip from steam irons, the drip pan being removable for emptying, without disturbing the holder or removing the holder from an ironing board.

Other important objects and advantageous features of the invention will be apparent from the following description and the accompanying drawings, wherein, for purposes of illustration only, a specific form of the invention is set forth in detail.

In the drawings:

FIGURE 1 is a perspective view of a safety sadiron holder of the present invention installed on a metal ironing board;

FIGURE 2 is an enlarged vertical longitudinal section taken on the line 2—2 of FIGURE 1; and

FIGURE 3 is a bottom plan view of FIGURE 2.

Referring in detail to the drawings, wherein like numerals designate like parts throughout the several views, the numeral 10 generally designates a sadiron holder of the present invention, shown installed on the larger end of a metal ironing board 12, having a pendant flange 14 extending therearound. It will be understood that the present invention also contemplates installation of the holder 10 on wooden ironing boards, in which case the clamp means thereof would be suitably modified.

The holder 10 comprises an open rectangular frame 16 composed of inner and outer side walls 18 and 20, respectively, and end walls 22. The side walls extend below the end walls, and have laterally inwardly extending longitudinal flanges 24, along their lower edges, which are spaced below the lower edges 26 of the end walls 22, as shown in FIGURE 2.

A removable, perforated iron support plate 28, preferably in the form of a flat grid, and loosely but closely fitting in the frame 16, has pendant longitudinal flanges 30, along its side edges, which rest upon the frame flanges 24, and support the plate 28 on a level intermediate the flanges 24, and the upper edges of the walls of the frame 16. This provides retaining walls of substantial height,

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above the iron support plate 28, for securely retaining an iron upon the plate 28.

A removable rectangular drip pan 32 has a bottom wall 34, end walls 36, and side walls 38, these walls preferably being upwardly and outwardly flared, as shown in FIGURE 2, the pan being slightly narrower, in its transverse dimension, than the space between the frame flanges 24, and slightly shorter than the frame 16, as shown in FIGURE 3. The pan walls have extending therearound a lateral peripheral flange, which includes end flanges 40 and side flanges 42, the side flanges 42 being dimensioned to rest slidably upon the frame flanges 24, with their free edges 44 running against the pendant flanges 30 of the iron support plate 28.

As shown in FIGURE 3, when the drip pan 32 is registered with the iron support plate 28, in the proper position to receive, through the perforations 46 thereof, which are preferably relatively large rectangular and evenly distributed openings, the end flanges 40 of the drip pan extend longitudinally outwardly beyond the end walls 22 of the frame 16. The end flanges 40 have longitudinal horizontal bail handles 48, preferably integral with the outer edges of the flanges 40, whereby the drip pan 32 is easily reached, and removed from the frame 16, at either end of the frame, without disturbing the iron support plate 28, and without having to remove the frame 16 from the ironing board 12.

The holder 10 is removably mounted on the ironing board 12, as on the wider end thereof, by means of a clamp assembly 50, which comprises a plurality, here shown as four, of similar clamp brackets 52, fixed to and spaced along the inner side wall 18 of the frame 16, and preferably integral therewith. Each clamp bracket 52 is in the form of a U-shaped block, of substantial gauge, having a horizontal cross member 54, an upstanding outer arm 56, and an upstanding inner arm 58, the inner arm 58 being somewhat taller than the outer arm 56, and preferably of the same height as the inner frame side wall 18, as shown in FIGURE 2, the upper and lower ends of the arm 58 being flush with the upper and lower edges of the side wall 18. Clamping screws 60 are threaded through the inner bracket arm 58, to bear against the inner surface of the ironing board flange 14, and clamp the bracket arm 58 against the outer surface of the part of a fabric ironing board cover 62, which overlies the outer side of the flange 14, as shown in FIGURE 2.

The holder 10 is preferably made of aluminum or like light weight metal.

As shown in FIGURE 3, the inner bracket arms 58 serve to space the frame 10 from the ironing board flange 14 and the part of the cover 62, overlying the same, so that even when a hot iron (not shown) is left in the holder 10 for an indefinite period of time, sufficient heat will not reach the ironing board or the cover 62 to ignite the cover.

Although there has been shown and described a preferred form of the invention, it is to be understood that the invention is not necessarily confined thereto, and that any change or changes in the structure of and in the relative arrangements of components thereof are contemplated as being within the scope of the invention as defined by the claims appended hereto.

What is claimed is:

1. An iron holder for attachment to an ironing board of the type which includes a depending flange adjacent one end thereof, the iron holder comprising:
  - (a) an open frame having end walls and inner and outer side walls;
  - (b) the side walls being of greater depth than the end walls;

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- (c) lateral, inwardly extending flanges on each of the side walls below the end walls;
  - (d) a perforate iron support plate having pendant vertical flanges thereon resting on the frame side wall flanges;
  - (e) a removable drip pan with horizontal side flanges resting on the frame side wall flanges between the support plate vertical flanges;
  - (f) handle means connected to the drip pan; and
  - (g) clamp means secured to one of the side walls for connection thereof to the depending flange of the ironing board.
2. An iron holder comprising:
- (a) an open frame having end walls and inner and outer side walls;
  - (b) the side walls being of greater depth than the end walls;
  - (c) lateral, inwardly extending flanges on each of the side walls below the end walls;

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- (d) a perforate iron support plate removably positioned to rest on said flanges;
- (e) a removable drip pan positioned within the frame below the iron support plate;
- (f) the drip pan having means thereon bearing against the iron support plate to locate the drip pan beneath the iron support plate; and
- (g) clamp means secured to one of the side walls for connection thereof with a support.

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