Oct. 20, 1942. C. A. ROBINSON 2,299,594

IRON SUPPORT FOR IRONING BOARDS

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FIG. 1

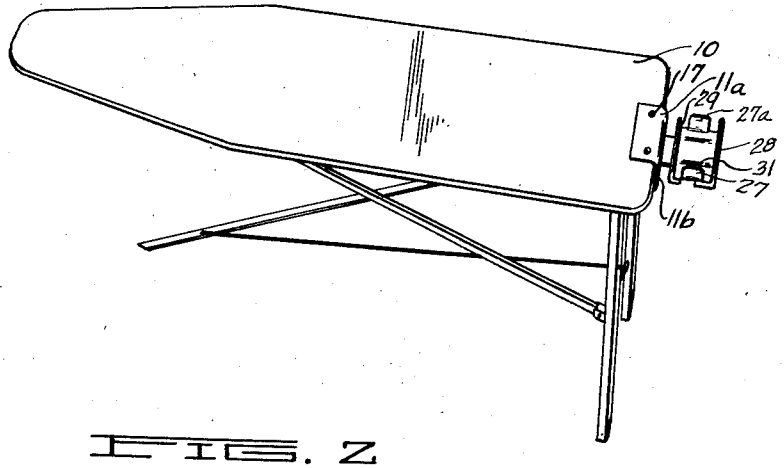


FIG. 2

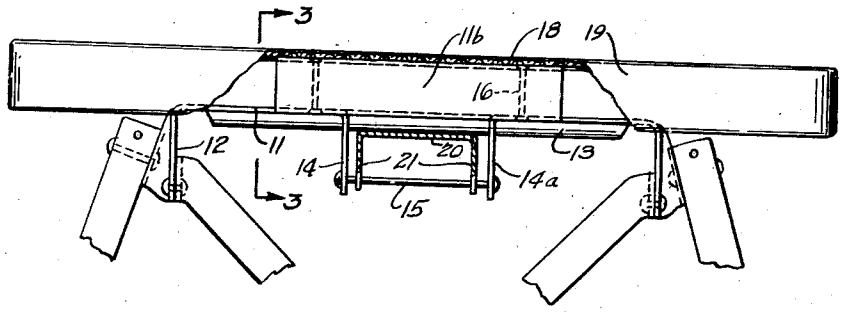
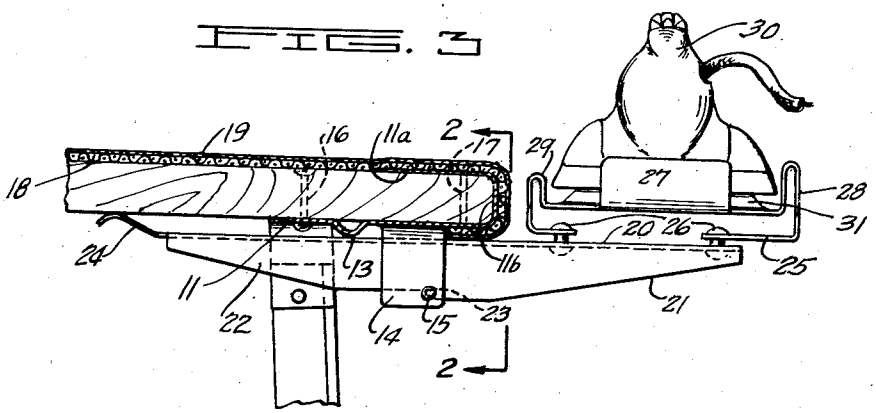


FIG. 3



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FIG. 4

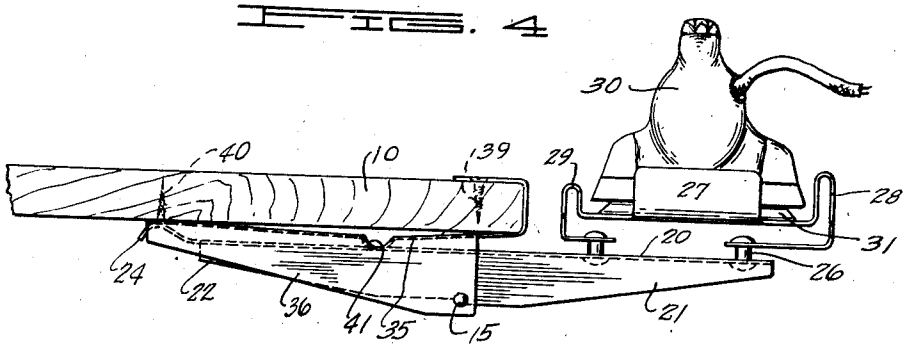


FIG. 5

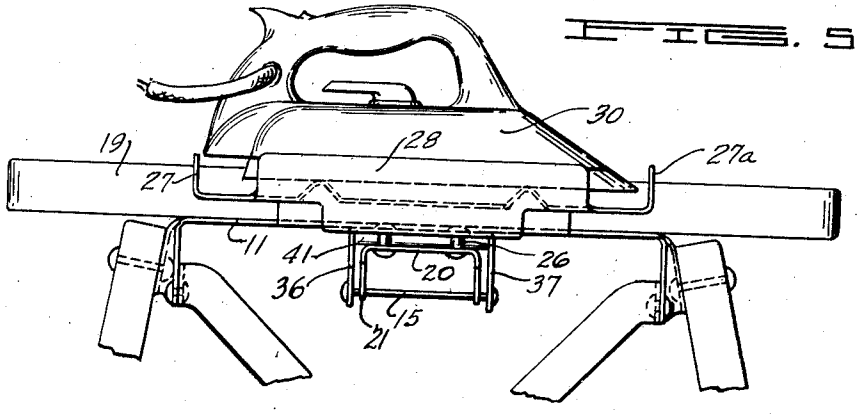


FIG. 6

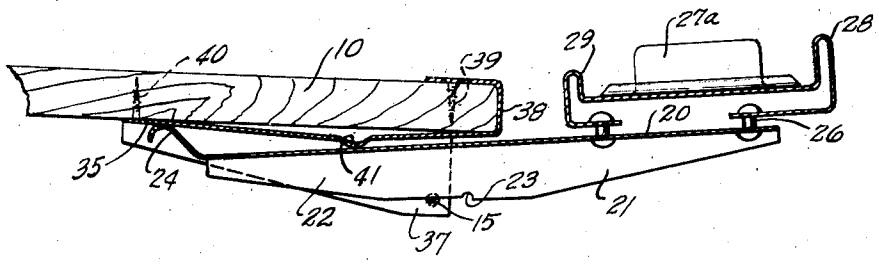
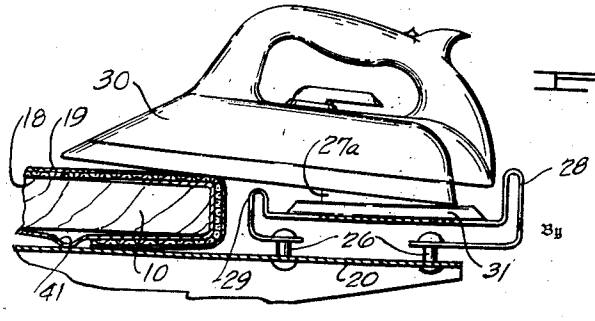


FIG. 7



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IRON SUPPORT FOR IRONING BOARDS

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Application January 29, 1941, Serial No. 376,440

3 Claims. (Cl. 248—117.1)

This invention relates to an iron support or holding devices for ironing boards and in particular to a type of device which may be used as an accessory or which may be attached in such manner as to become an integral part of the board.

The main object of the device is to provide a substantial non-heat conducting holder or rest for the iron.

Another object is to provide a device that is mounted on the ironing board in such manner as to be clear of the ironing surface yet adjacent thereto and at the level of said surface.

Still another object is to provide a device that is simple in construction and wherein the holder or iron rest may be detached from the bracket at will without the use of screws, bolts or the like.

This and other objects may be noted from the following specification and its accompanying drawings, in which—

Figure 1 is a perspective view of an ironing board with the device mounted thereon.

Figure 2 is an end elevation with the cover cut away to show the iron rest bracket mounted as an integral part of the folding leg mounting.

Figure 3 is a sectional view on lines 3—3 of Fig. 2.

Figure 4 shows a modified form of Fig. 3, wherein the bracket is a separate removable unit, unrelated to the leg mounting.

Figure 5 is an end view of Fig. 4.

Figure 6 is a sectional view, showing the manner in which the iron rest is withdrawn or inserted within the bracket, and is applicable to both the preferred and the modified forms.

Figure 7 illustrates the manner in which the iron may be turned and slid upon the board without lifting.

Again referring to the drawings, an ironing board of the usual type is indicated by the numeral 10, on one end of which is mounted in a permanent manner a hanger bracket 11 having formed on its under side leg supports 12, and a transverse corrugation 13 in the hanger bracket adjacent said supports and a pair of downwardly projecting flanges 14 and 14a with a stirrup rod 15 mounted therethrough to form a stirrup hanger.

The bracket 11 is secured to the underside of the board 10 by bolts 16, the outer end 11a of said bracket being bent inwardly over the top of the board 10 to form a U or channel shaped hook 11b, and is secured over said board 10 by countersunk bolts 17 or the like.

With this type of bracket the usual pad 18 and cover 19 may be drawn over the bracket 11 and secured to the underside of the board on all sides to secure a smooth ironing surface.

A removable channel bracket 20 has its sides forming tapered front and rear flanges 21 and 22 which are notched at 23 centrally of the bottom edges of said flanges. The front end of the channel 20 has the flanges cut away and the center portion is then crimped to form a spring-like tongue or member 24.

The rear end of the channel bracket 20 has an iron support or holder 25 attached thereto as by rivets 26 or the like; the ends 27 and 27a and the outer side 28 being somewhat higher then than the inner side 29, whereby the iron 30 is thereby prevented from sliding out of said holder when the channel bracket 20 is in operative position as illustrated in Fig. 3, wherein the channel is mounted within the stirrup hanger. The low side 29 being adjacent the edge of the board 10 and approximately level therewith, the iron 30 may be tipped slightly to permit sliding said iron from the corrugated rests 31 within the holder to the surface of the board 10 without lifting the iron.

The stirrup rod 15 contacts the notches 23 in the flanges 21 and 22 of the channel and prevents the said channel bracket from being pressed further within the hanger than is required, the spring-like end 24 of the channel serving to keep enough tension against the underside of the board 10, with the weight of the iron 30 in the holder 25 at the opposite end, to prevent said channel bracket from slipping out of position.

In Figs. 4, 5 and 6, a modified form of the hanger bracket is shown, a channel member 35 being used wherein the flanges 36 and 37 are cut away at the outer end, the center portion 38 of said channel being bent up and over the board 10 to form a flat hook which is secured to the top of the board by wood screws 39, the opposite end of said channel hanger bracket 35 being secured to the underside of the board 10 by wood screws 40.

A transverse corrugation 41 in the bracket 35 is similar to the corrugation 13 in the bracket 11, both being used in the manner of a fulcrum.

Fig. 6 illustrates the manner in which the channel bracket 20 is inserted and/or withdrawn from the hanger 11 or its modified form 35, while Fig. 7 illustrates the method of sliding the iron 30 from the holder 25 to the board 10.

The hanger illustrated in Figs. 1, 2 and 3 is a permanent part of the ironing board 10 and

is secured thereto as a hanger and leg bracket support, while the modified form may be manufactured as a separate unit and be secured to any type board.

I have thus provided an iron rest or support which can be easily and readily attached to or removed from the ironing board and once in place will stay firmly there without the use of screws or other removable attaching means.

I claim:

1. An iron holder for attachment to a support such as an ironing board, comprising a bracket formed of an elongated sheet metal plate having one end secured to the lower surface of the ironing board and the opposite end reversely bent around the end of the ironing board and secured to the upper surface thereof, depending flanges from said plate defining a channel below the board, a load bearing bar spaced from said plate and traversing said channel adjacent the end of the board, a removable channel shaped supporting member having one end telescoped within said bracket channel and having opposed notches formed in the edges thereof intermediate its length adapted to be engaged by said bar, and an iron receiving member mounted on the outer end of said supporting member, whereby the load is supported by the upper surface of the ironing board through the reversely bent portion of said plate.

2. An iron holder for attachment to a support such as an ironing board, comprising a bracket formed of an elongated sheet metal plate having one end secured to the lower surface of the ironing board and the opposite end reversely bent around the end of the ironing board and secured to the upper surface thereof, depending flanges from said plate defining a channel below the board, a load bearing bar spaced from said plate and extending between said flanges adjacent the end of the board, a removable channel shaped supporting member telescopically received within said bracket channel and pivotally supported on said load bearing bar, one end of the supporting member having an iron receiving member thereon and the other end adapted to bear against the said plate adjacent its point of securement to the lower surface of the ironing board whereby the load is supported upon the upper surface of the ironing board through the reversely bent portion of the plate.

3. An iron holder for attachment to a support such as an iron board, comprising a bracket formed of an elongated sheet metal plate having one end secured to the lower surface of the ironing board and the opposite end reversely bent around the end of the ironing board and secured to the upper surface thereof, depending flanges from said plate defining a channel below the board, a load bearing bar spaced from said plate and extending between said flanges adjacent the end of the board, said plate having wing portions extending beyond said flanges and formed with downturned ends to which may be attached supporting means for the ironing board, a removable channel shaped supporting member having one end telescoped within said bracket channel and having opposed notches formed in the longitudinal edges thereof intermediate its length adapted to be engaged by said bar, and an iron receiving member mounted on the outer end of said supporting member, whereby the load is supported by the upper surface of the ironing board through the reversely bent portion of said plate.

CHARLES AUGUSTUS ROBINSON.