Jan. 15, 1924. 1,480,761

C. H. HOOK

STAND FOR SADIRONS

Filed Sept. 13, 1920

FIG. 1

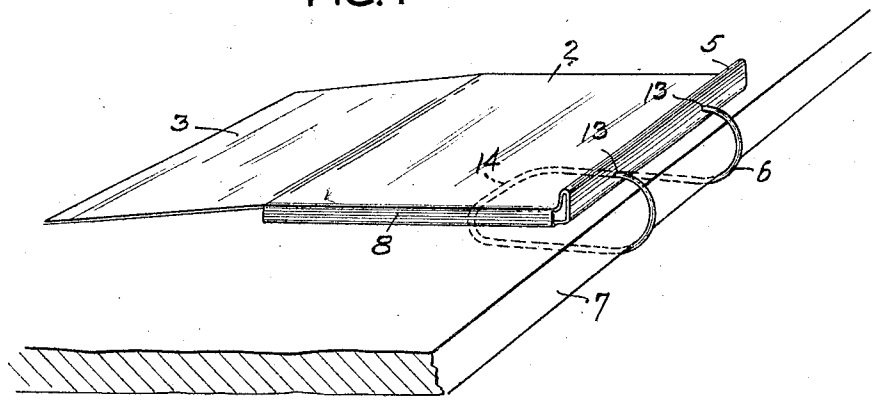


FIG. 2

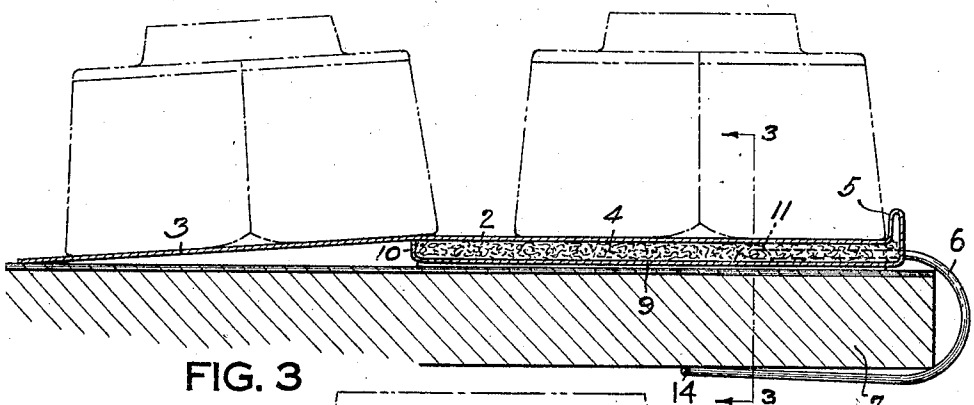
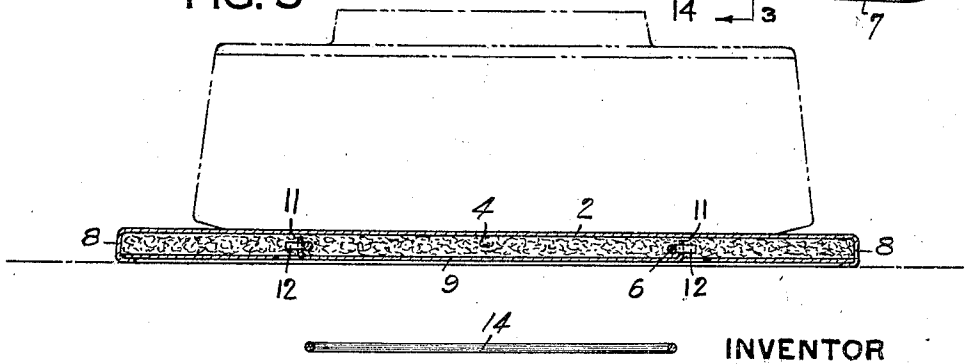


FIG. 3



INVENTOR

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UNITED STATES PATENT OFFICE.

CHARLES H. HOOK, OF PITTSBURGH, PENNSYLVANIA.

STAND FOR SADIRONS.

Application filed September 13, 1920. Serial No. 409,890.

To all whom it may concern:

Be it known that I, CHARLES H. HOOK, a citizen of the United States, and resident of Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Stands for Sadirons; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to stands for supporting sad irons and the like and it has for its object to provide a sad iron stand which shall be economical and simple in construction and which shall be convenient and labor-saving in operation.

My invention provides a sad iron stand having the novel features of a heat-insulating member which holds the sad iron only a short distance above the ironing board, together with an inclined plate over which the iron may be slid without lifting, so that the iron may be placed upon the stand by the same motion which removes the iron from the article being ironed. In addition, my improved sad iron stand, for simplicity in construction, is composed of a single sheet of metal bent to form the several parts of the stand and containing a sheet or pad of asbestos or other heat insulating material and provided, if desired, with a spring clamp for attaching the sad iron to an ironing board, table, or the like.

In the accompanying drawing Fig. 1 is a perspective view of a portion of an ironing board equipped with a sad iron stand constructed in accordance with my invention; Fig. 2 is a longitudinal sectional view of the sad iron stand and the ironing board; and Fig. 3 is a transverse sectional view, the section being taken substantially along the line 3—3, Fig. 2.

The essential parts of my sad iron stand, as shown in the drawing, are a flat box-like body portion 2, an inclined plate 3, a sheet or pad 4 of asbestos or other suitable heat insulating material, a stop or ledge 5 for limiting the movement of the iron, and a spring clamp 6 which may be employed, if desired, for attaching the stand to the ironing board 7. As best shown in Fig. 2, the body portion 2, the sloping plate 3, and the stop 5 are all formed from a single sheet of metal which is preferably Swedish iron or nickel-plated sheet steel, although any other suitable metal may of course be employed. Side lugs or flanges 8 are formed integral with the sheet metal adjacent to the body portion 2 and when the parts are assembled these flanges are turned down, as shown in Figs. 1 and 3, to enclose the heat insulating filling material 4. The bottom plate 9 has an upturned flange 10 which encloses the front edge of the insulating pad 4 and also supports the upper edge of the inclined plate 3.

The device is made by stamping from a sheet of metal a blank of the proper size and shape to form the various parts of the stand and the blank is bent into the shape shown in the drawing, suitably by means of a power press, according to the methods well known in the art of sheet metal ware making. The insulating pad 4 is then slipped into the body portion and the side flanges 8 are turned down to hold the insulating material in place.

The stand as thus far described may be used without further attachments, the spring clamp 6 being omitted. If it is desired to provide the clamp 6 it may be attached in the manner shown in the drawing. Two ears 11 are struck up from the bottom plate 9 and are provided with holes to receive the bent ends 12 of the clamp 6 which is made of spring wire of such size and shape that the ends 12 are retained in the ears 11 by spring tension. The wires extend through the asbestos filling material as shown in Fig. 2 and come out the rear of the stand through holes 13. The intermediate portion of the wire is bent to form a loop 14 which is adapted to extend beneath the ironing board or table 7 and clamp the stand in place.

In operation, my improved stand is placed in a convenient position on an ironing board or table and when the iron is to be placed on the stand it is slid up the inclined plate 3 by sidewise movement without bodily lifting the iron. Most persons, when ironing, do not take the trouble to lift the iron upon the stand when stopping for a short time, but allow the iron to rest upon the board which eventually chars the board or its covering. With my improved stand it is just as easy to slide the iron upon the stand as upon any other part of the ironing board and therefore it is used more frequently and with better results.

It will also be observed that my stand results in a considerable saving of labor since it is never necessary to lift the iron bodily

but the iron is merely slid sidewise upon the stand.

While I have herein shown and described the embodiment of my invention which I now prefer to employ and which is simple and economical, it will be understood that this construction may be modified in many details without departing from my invention. I therefore desire that no limitations be imposed upon my invention except such as are indicated in the appended claims.

I claim as my invention:

1. A sad iron stand comprising a single sheet of metal bent to form the top, bottom and the front and rear sides of a box-like body portion having an upstanding flange at one edge and having a inclined plane portion at its opposite edge, ears struck up from the bottom of the said body portion and provided with openings for receiving a clamping member, the rear of the said body portion being provided with other openings to admit the said clamping member, and a filling of heat-insulating material contained within the said body portion.

2. A sad iron stand comprising a single sheet of metal bent to form the top, bottom and the front and rear sides of a box-like body portion having an upstanding flange at one edge and having an inclined plane portion at its opposite edge, ears struck up from the bottom of the said body portion and provided with openings for receiving a clamping member, the rear of the said body portion being provided with other openings to admit the said clamping member, a filling of heat-insulating material contained within the said body portion, and side flanges formed integral with the said metal sheet for retaining the said insulating material within the said body portion.

3. A sad iron stand comprising a single sheet of metal bent to form the top, bottom and the front and rear sides of a box-like body portion having an upstanding flange at one edge and having an inclined plane portion at its opposite edge, a filling of heat-insulating material contained within the said body portion, and side flanges formed integral with the said metal sheet for retaining the said insulating material within the said body portion.

In testimony whereof I, the said CHARLES H. HOOK, have hereunto set my hand.

CHARLES H. HOOK.

Witnesses:

JOHN F. WILL,

EDITH K. FREESE.