Jan. 17, 1928.

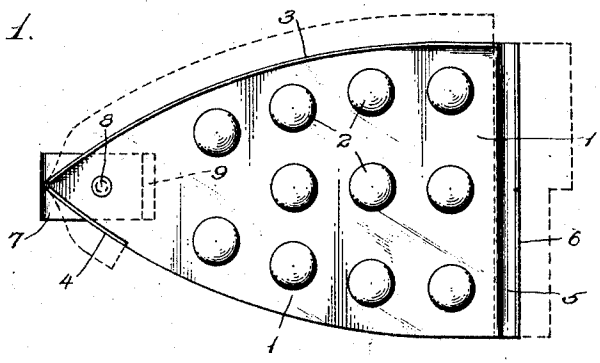
1,656,320

R. L. CROWDER

SADIRON STAND

Filed Oct. 12, 1922

Fig. 1.



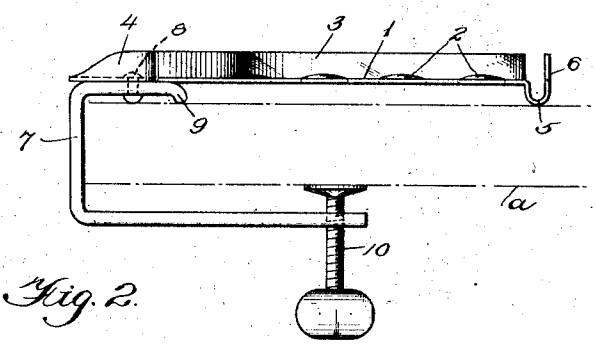


Fig. 2.

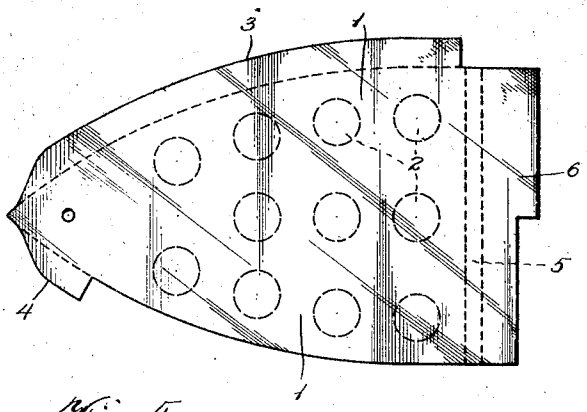


Fig. 4.

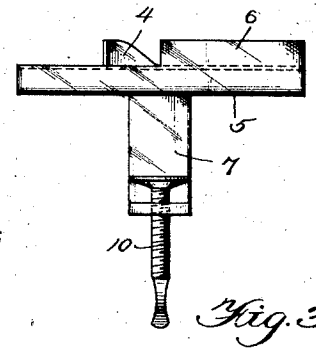


Fig. 3.

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UNITED STATES PATENT OFFICE.

RIVES L. CROWDER, OF LOUISVILLE, KENTUCKY.

SADIRON STAND.

Application filed October 12, 1922. Serial No. 594,056.

The invention relates to stands for sad irons and the like, including those which are electrically heated, and is intended to be attached to the ironing board or table or other suitable support; and has for its objects to improve the construction of such device for purposes of convenience and durability in use and economy of manufacture.

With such objects in view, as well as other advantages which may be incident to the use of the improvements, the invention consists in the parts and combinations thereof hereinafter set forth and claimed, with the understanding that the several necessary elements constituting the same may be varied in proportions and arrangement without departing from the nature and scope of the invention.

In order to make the invention more clearly understood there are shown in the accompanying drawings means for carrying the same into practical effect, without limiting the improvements, in their useful applications, to the particular constructions which, for the purpose of explanation, have been made the subject of illustration.

In said drawings:

Fig. 1 is a plan view of an iron stand embodying the invention.

Fig. 2 is a side elevation of the same.

Fig. 3 is a rear elevation of the same.

Fig. 4 is a plan view of the blank from which said stand is formed.

Referring to the drawings, 1 is the bottom plate of the stand, which is upwardly embossed with iron-supporting projections 2, so that only small points of the iron touch the plate and a stratum of air is left between the sadiron and the stand as a heat-insulator. At one side the stand is formed with an upstanding retaining flange 3 which extends up above the surface of the plate 1, and at the opposite side with a similar but short flange 4 arranged near the point or front end of the stand. The side flanges converge toward the front end of the plate 1 to hold the sadiron from sliding forwards. At the rear end said plate is formed with a flange which is first depressed to produce a bend and wide rear leg 5 and is thence continued upward above the plate to make a retaining flange 6 which is or may be of the same height as the flanges 3 and 4.

7 is an L-shaped bracket attached to the plate 1 by a rivet 8, and extended thence downward and under the plate at a distance therefrom so as to pass around and under the ironing board. The upper end of this bracket depends from the plate to form a central front leg 9 corresponding in height with the leg 5.

10 is a screw clamp for engagement against the under side of the ironing board to attach the stand securely in place. The legs 5 and 9 produce a further heat-insulator of air between the plate and said board or table or table cloth.

The rear flange 6 is cut away or shortened at the end opposite the short front flange 4 so as to make a space for the insertion or sliding of the sadiron into the stand either from the side or from the rear, but all of said flanges are so arranged that the sadiron is efficiently held from sliding out of the stand when the ironing board is lifted or inclined for the purpose of putting clothes around it.

The main part of the stand, including the plate 1 and its flanges, is blanked out by cutting dies from substantial sheet metal in the form shown in Fig. 4 and stamped by suitable pressing dies into the form shown in Figs. 1, 2 and 3, after which the bracket 7 is attached, the latter being made preferably of malleable iron.

All of the sheet metal parts 2, 3, 4, 5 and 6 are so arranged in the blank (Fig. 4) that the stand may be shaped up at a single pressing die action.

An important feature of my improvements are the means whereby I provide a heat-insulator of air between the sad iron and the stand and a second insulator between the stand and the ironing board. Also, the adaptability of the stand to be adjusted by turning it on the rivet 8, which is made loose enough for the purpose is a useful feature. This enables the stand to be adjusted to the most convenient position for placing the sadiron on and lifting it from the stand.

What I claim is—

1. A sadiron stand consisting of a bent sheet metal plate formed with iron-retaining marginal side flanges, and having its rear end bent downward to form a wide rear leg and thence bent up to form an iron-retaining rear end flange, said plate being provided at its front end with a leg which is continued down and rearward to form a clamp to engage an ironing board.

2. A sad iron stand consisting of a sheet

metal plate formed with an iron-retaining side flange, an opposite side flange which is limited in extent to a space near the first mentioned side flange and near the front end of the stand, said plate having its rear end portion bent down to form a depending leg the outer part of which is bent up to form a rear end flange limited in extent to a space near the first mentioned side flange leaving an open space at one side and end of the stand, said plate being provided with supporting means at its front end.

3. A sadiron stand consisting of a bent sheet metal plate, having marginal portions bent up to form side retaining flanges, and having rear portions thereof bent downwardly and upwardly to form a rear leg and a rear retaining flange, and a securing bracket attached to the front end of the plate and having its extremity bent down to form a front leg.

In testimony whereof I affix my signature.

RIVES L. CROWDER.