

**No. 649,185.**

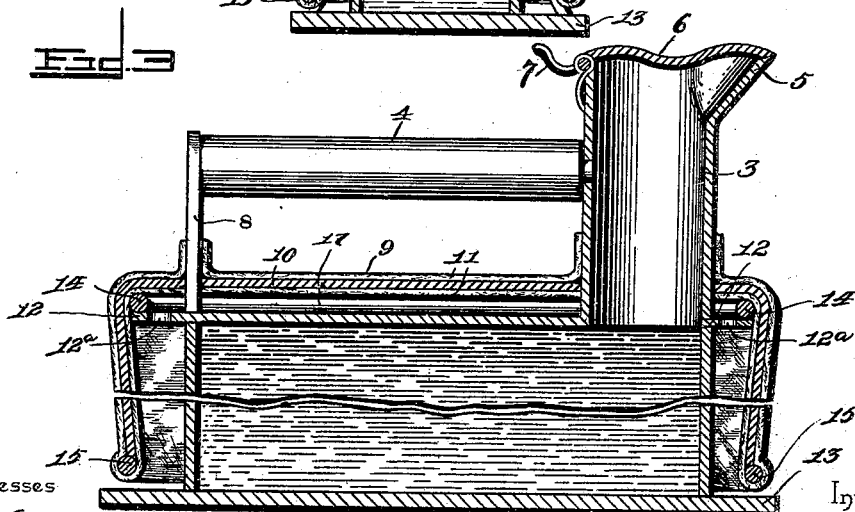
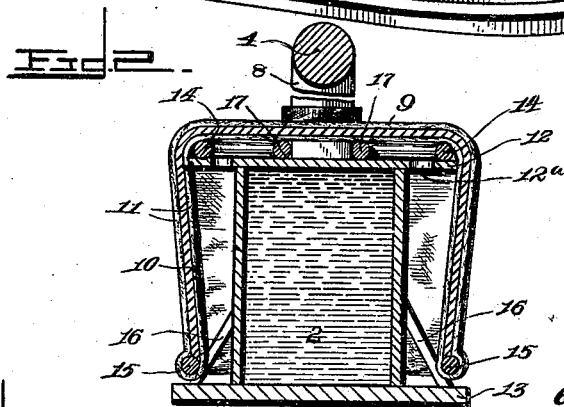
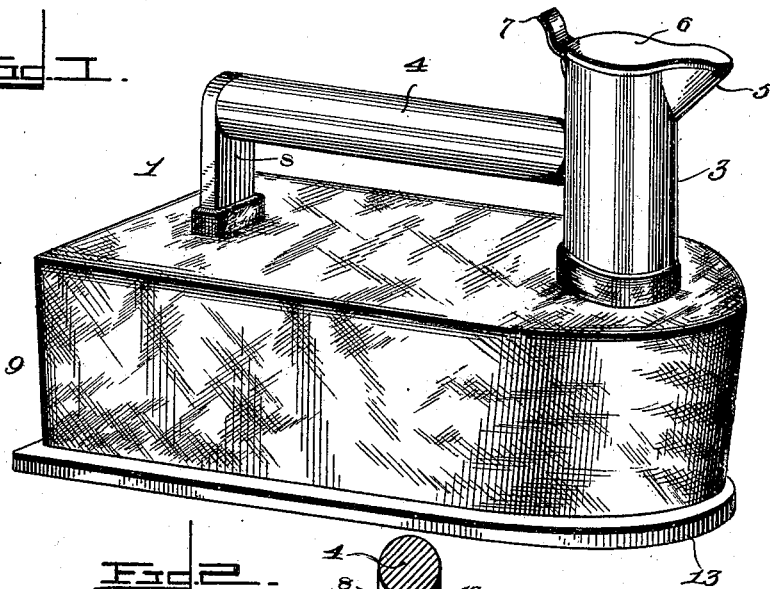
**Patented May 8, 1900.**

**C. C. TURNER.**

**SAD IRON.**

(Application filed Aug. 29, 1899.)

(No Model.)



Leop. Sondero.

J. H. Riley

2 By *his* Attorneys,

*C.C. Turner,*

Chas. Snow & Co.

Inventor

# UNITED STATES PATENT OFFICE.

CHARLES CHAPMAN TURNER, OF ALBANY, GEORGIA.

## SAD-IRON.

SPECIFICATION forming part of Letters Patent No. 649,185, dated May 8, 1900.

Application filed August 29, 1899. Serial No. 728,865. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES CHAPMAN TURNER, a citizen of the United States, residing at Albany, in the county of Dougherty and State of Georgia, have invented new and useful Improvements in Sad-Irons, of which the following is a specification.

The invention relates to improvements in sad-irons.

One object of the present invention is to improve the construction of sad-irons and to provide a simple and comparatively inexpensive one which will be adapted to smooth, press, and gloss clothes without danger of scorching the fabrics.

A further object of the invention is to lessen the weight of sad-irons and to enable the same to be employed as a coffee or tea pot, tea-kettle, or analogous utensil.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a sad-iron constructed in accordance with this invention. Fig. 2 is a transverse sectional view. Fig. 3 is a longitudinal sectional view.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a sad-iron consisting of a hollow liquid-tight body 2, forming a receptacle for a liquid, as clearly illustrated in Figs. 2 and 3 of the accompanying drawings, and designed to contain hot water during the operation of ironing and adapted to be employed as a coffee-pot, teapot, or tea-kettle when desired. The body, which may be constructed of any suitable material, is preferably made of sheet metal, and it is provided at its front or tapered end with a vertical neck or spout 3, forming one of the supports of the handle 4 of the sad-iron and extending upward above the said handle. The neck or spout 3, which is provided at its front with a lip 5, has a pivoted cover 6, which is provided with a thumb-piece 7 and which is adapted to be readily manipulated without removing the hand from the handle 4. The handle 4, which is preferably constructed of wood, is supported at

its rear end by an arm 8, extending upward from the rear portion of the body of the iron, and the said handle is employed both in ironing and in decanting the contents of the body when the device is employed as a coffee or tea pot or other utensil.

The hot water for supplying the necessary heat is introduced into the body of the sad-iron through the neck or spout, and the heat is retained within the sad-iron by a covering 9 of any suitable material which is a non-conductor of heat. This cover, which may consist of a layer of paper 10, interposed between inner and outer layers of flannel, silk, or other fabric, as shown at 11, is supported out of contact with the body of the sad-iron to provide an intervening air-space to increase the effect of the covering.

The body of the sad-iron is provided with upper and lower horizontal flanges 12 and 13, and it has upper and lower marginal wires 14 and 15, located adjacent to the outer edges of the flanges and having the covering secured to them. The lower flange 13 forms a continuation of the lower face of the sad-iron, and the lower wire or support 15 is spaced from the bottom flange and is connected therewith at intervals by suitable braces 16, to which it is secured. The upper flange is provided at intervals with perforations 12<sup>a</sup> to permit hot air to pass upward from the spaces between the fabric covering 11 and the sides and ends of the iron to the space at the top of the said iron, between the latter and the covering. When the air at the sides of the iron becomes heated and expands, it will be forced upward through the perforations 12<sup>a</sup> and will assist in heating the top of the iron instead of being forced outward through the fabric covering, as would be the case were the upper flange 12 imperforate. The upper supporting-wire is arranged at the outer edge of the flange 12, as clearly illustrated in Figs. 2 and 3 of the drawings, and the sad-iron is provided at its top with longitudinal supporting-wires 17, arranged at opposite sides of the center and adapted to prevent the covering from sagging at that point.

It will be apparent that the sad-iron is rendered much lighter than an ordinary solid iron and that it is adapted to be employed as a tea or coffee pot or analogous receptacle.

Changes in the form, proportion, size, and the minor details of construction within the scope of the appended claims may be resorted to without departing from the spirit or sacrificing any of the advantages of this construction.

What is claimed is—

1. A combined sad-iron and coffee or tea pot comprising a hollow liquid-tight body of the general configuration of a sad-iron, adapted to receive a hot liquid and provided with a smooth lower clothes-engaging face, a neck or spout extending upward above the top of the body and provided with a lip to permit the liquid contents to be decanted, and a handle located above the body and having one end supported by the neck or spout, substantially as described.

2. A sad-iron comprising a hollow body forming a receptacle for a liquid and provided with upper and lower outwardly-extending flanges, the marginal supports arranged adjacent to the edges of the flanges, a covering mounted on the marginal supports, and means for preventing the covering from sagging at the top of the iron, substantially as described.

3. A sad-iron comprising a hollow body

forming a receptacle for a liquid and provided with an upper and outwardly-extending flange having perforations or openings, and a covering spaced from the body of the sad-iron and supported by the said flange, the openings or perforations of the latter forming passages for the hot air, substantially as and for the purpose described.

4. A combined sad-iron and coffee or tea pot comprising a hollow liquid-tight body of the general configuration of a sad-iron, adapted to receive a hot liquid and provided with a smooth lower clothes-engaging face, a handle located above and connected with the body, and a neck or spout extending upward from the body to a point above the handle and provided with a lip and having a cover arranged to be operated without removing the hand from the handle, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CHARLES CHAPMAN TURNER.

Witnesses:

F. G. EDWARDS,  
R. P. HALL.