

(No Model.)

E. L. REID.
SAD IRON HEATER.

No. 516,338.

Patented Mar. 13, 1894.

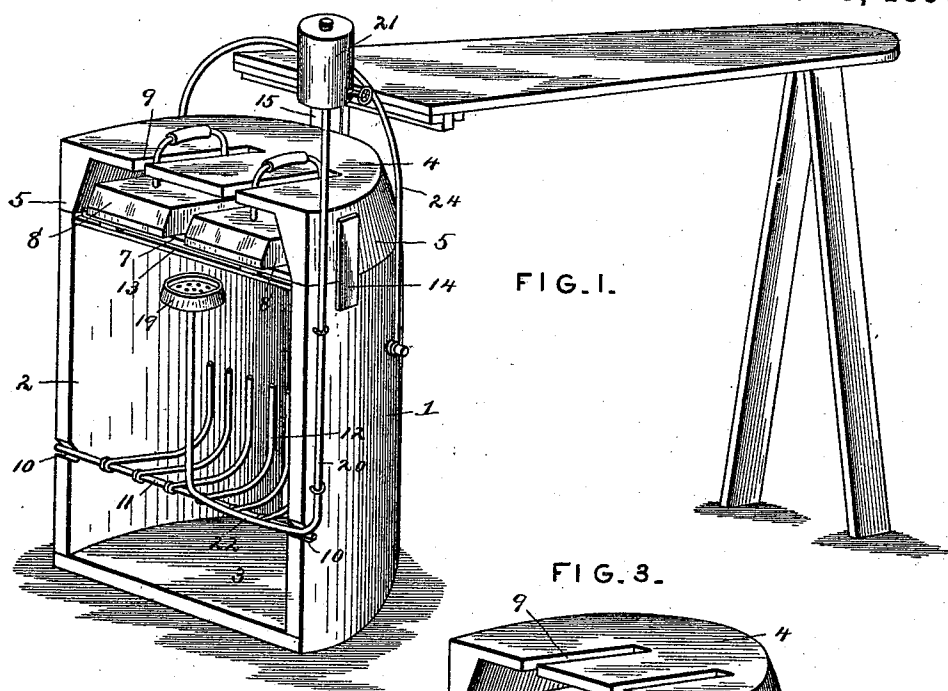


FIG. 1.

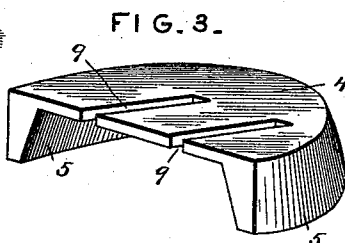


FIG. 3.

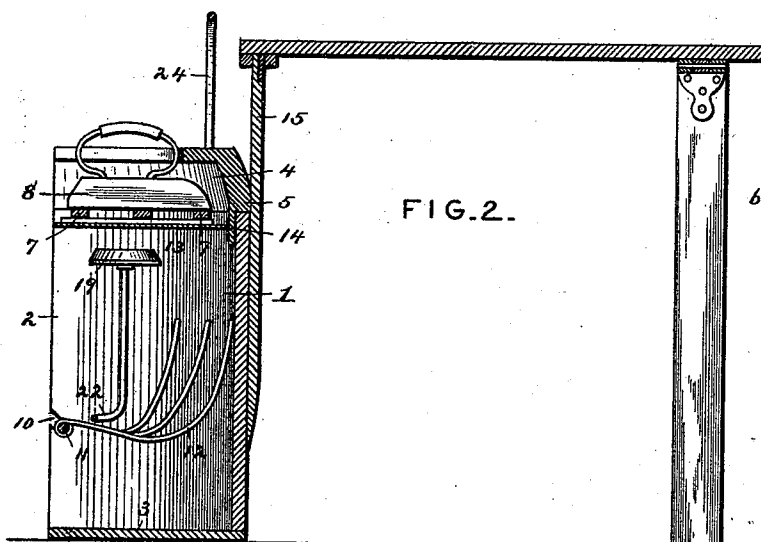


FIG. 2.

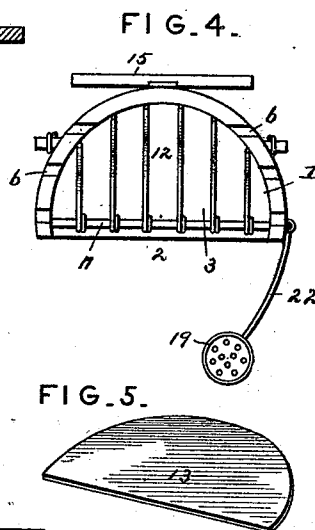


FIG. 4.

FIG. 5.



Witnesses

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UNITED STATES PATENT OFFICE.

EDWARD LEE REID, OF COLLIERVILLE, TENNESSEE.

SAD-IRON HEATER.

SPECIFICATION forming part of Letters Patent No. 516,338, dated March 13, 1894.

Application filed September 7, 1892. Serial No. 445,226. (No model.)

To all whom it may concern:

Be it known that I, EDWARD LEE REID, a citizen of the United States, residing at Collierville, in the county of Shelby and State of Tennessee, have invented a new and useful Sad-Iron Heater, of which the following is a specification.

The invention relates to sad iron heaters.

The object of the present invention is to provide a sad iron heater which will be adapted to be arranged close to an ironing board and thereby keep the irons being heated within easy reach of the person ironing and which will be adapted for using ordinary fuel, gasoline, or the like and which may also be employed for light cooking.

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

In the drawings:—Figure 1 is a perspective view of a sad iron heater constructed in accordance with this invention. Fig. 2 is a vertical sectional view. Fig. 3 is a detail perspective view of the top of the casing. Fig. 4 is a plan view of the lower portion of the casing. Fig. 5 is a detail view of a shield adapted to be employed to protect the irons from soot and the like.

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

1 designates a semi-cylindrical casing having an open front 2, and provided with a bottom 3 and having a removable upper portion or top 4 consisting of a semi-circular plate and a depending peripheral flange 5. The upper edge of the lower portion of the casing is provided with recesses 6 which receive the ends of cross-bars of a grating 7 adapted to support sad irons 8 and extending across the top of the lower portion of the casing. The handles of the sad irons are arranged in and project through slots 9 of the top of the casing and the slots 9 extend inward from the straight head or front to enable the sad irons to be readily moved inward and placed upon the grating or removed therefrom. The vertical edges of the lower portion of the casing are provided a short distance above the bottom 3 with inclined bearing recesses 10

receiving the ends of a cross-bar 11 of a grate which is provided with curved grate bars 12 having their inner ends extending upward and resting against the rear of the lower portion of the casing. The space below the grate is adapted when the grate is employed for burning coal or similar fuel, to receive an ordinary ash pan which is designed to conform to the configuration of the casing. When such fuel is burned a shield 13 is employed to protect the irons from deposits of soot and lampblack and to prevent them from soiling the clothes to be ironed, and the shield 13 is located at the top of the casing and is interposed between the irons and the grate. The top of the casing is provided at opposite sides near the front with depending lugs 14 which embrace the sides of the lower portion of the casing and prevent the top moving laterally, and the said top is prevented moving rearward by a T shaped support 15 which is adapted to support one end of an ironing board.

A gasoline burner 19 has its vertical tube which supports at its upper end a tank or reservoir 21 hinged at the outside of the casing near the front edge of one of its sides and is provided at the lower end of the vertical portion with an L-shaped portion 22 carrying a burner adapted to be arranged by swinging inward, beneath the irons for the purpose of heating them and when not in use is adapted to be swung outward from the casing to one side thereof, whereby it will not interfere with burning of other fuel and the use of the grate.

It will be seen that the sad iron heater is adapted for burning various kinds of fuel, and that it is adapted for quickly heating sad irons and for supporting irons within easy reach of the person ironing.

In order to enable the sad iron heater to be conveniently carried, a hinged bail 24 is provided and the end of the bail is provided with eyes and is hinged to the casing by means of projections extending horizontally from opposite sides of the casing.

The top of the casing is designed to be removed when the heater is used for light cooking.

What I claim is—

A sad iron heater and cook stove combined, comprising a semi-cylindrical casing having

an open front and provided at its upper edges
with recesses, a horizontal iron-supporting
grating arranged at the upper edges of the
casing and fitting in the recesses thereof, a
5 shield located adjacent to the grating and
conforming to the configuration of the cas-
ing, a horizontally disposed semi-cylindrical
top mounted on the casing and being remov-
able therefrom and provided with depending
10 lugs embracing the casing, and means for

heating the iron arranged within the casing,
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.

EDWARD LEE REID.

Witnesses:

W. B. DUDNEY,
W. J. FLEMING.