

H. C. STOUFFER & L. MASTEN.

Flat-Iron Heaters.

No. 148,777.

Patented March 17, 1874.

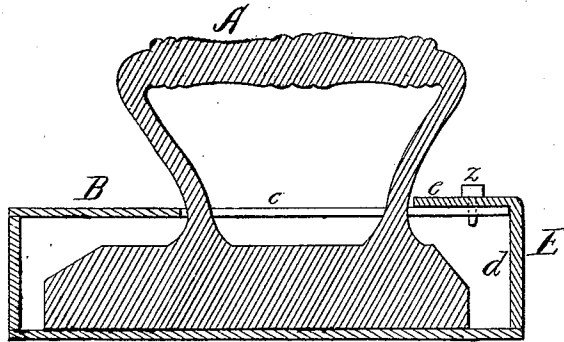


Fig. 1.

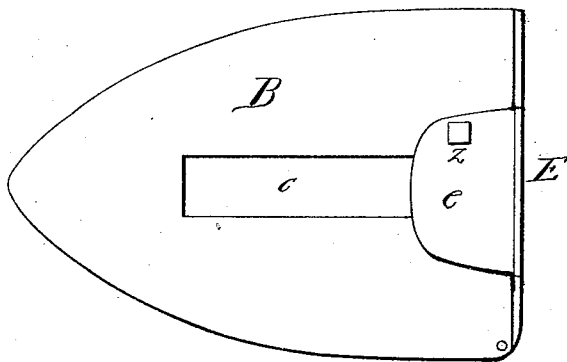


Fig. 2.

Witnesses.
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UNITED STATES PATENT OFFICE.

HIRAM C. STOUFFER AND LONDON MASTEN, OF CANFIELD, OHIO.

IMPROVEMENT IN FLAT-IRON HEATERS.

Specification forming part of Letters Patent No. **148,777**, dated March 17, 1874; application filed July 12, 1873.

To all whom it may concern:

Be it known that we, HIRAM C. STOUFFER and LONDON MASTEN, of Canfield, in the county of Mahoning and State of Ohio, have invented a new and valuable Improvement in Sad-Iron Heaters; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a sectional view of our sad-iron heater. Fig. 2 is a top view of our heater.

This invention has relation to means for economizing time and fuel in heating sad-irons; and it consists in the construction and novel arrangement of a slotted shell or heating-jacket, made of cast-iron or other suitable metal, and provided with a hinged door or gate, as hereinafter more fully set forth.

In the accompanying drawings, the letter A designates an ordinary sad-iron. B indicates the shell or heating-jacket, conforming in its general shape to the base of the sad-iron, which it is designed to inclose. This shell is slotted longitudinally and centrally from the rear edge of its upper plate, as at *c*, to permit the free passage of the handle of the sad-iron, when it is slipped into the shell, through the opening in the rear, at *d*. E indicates the gate or door, usually hinged at one side of the opening *d*, and provided with a horizontal flange, *e*, extending from its upper edge over

the top of the shell, in such a manner that when the door is closed, this flange will cover that portion of the slot *c* which lies behind the rear branch of the handle of the sad-iron. Corresponding perforations are made through the flange *e* and the top of the shell for the reception of a fastening-pin, *z*.

By the use of this shell a sad-iron can be heated in any kind of a fire and kept clean. Further, the shell will keep the hot air about the sad-iron, and prevent the access of cooler air thereto, in consequence of which the iron will become heated in much less time to the proper degree than if uncovered, and less fuel will be required to produce the amount of heat needed for preparing the iron for use.

We disclaim the devices shown in the patent granted to D. Utley, July 30, 1867—viz., a cylindrical case for receiving a number of sad-irons and closed by a series of curved slides.

What we claim as new, and desire to secure by Letters Patent, is—

The portable metallic sad-iron shell B, conformed to the shape of the sad-iron and provided with a hinged door, E, and key-pin *z*, for securing said door, substantially as shown and described.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses.

HIRAM C. STOUFFER.
LONDON MASTEN.

Witnesses:

JARED HUXLEY,
W. H. CALLAHAN.