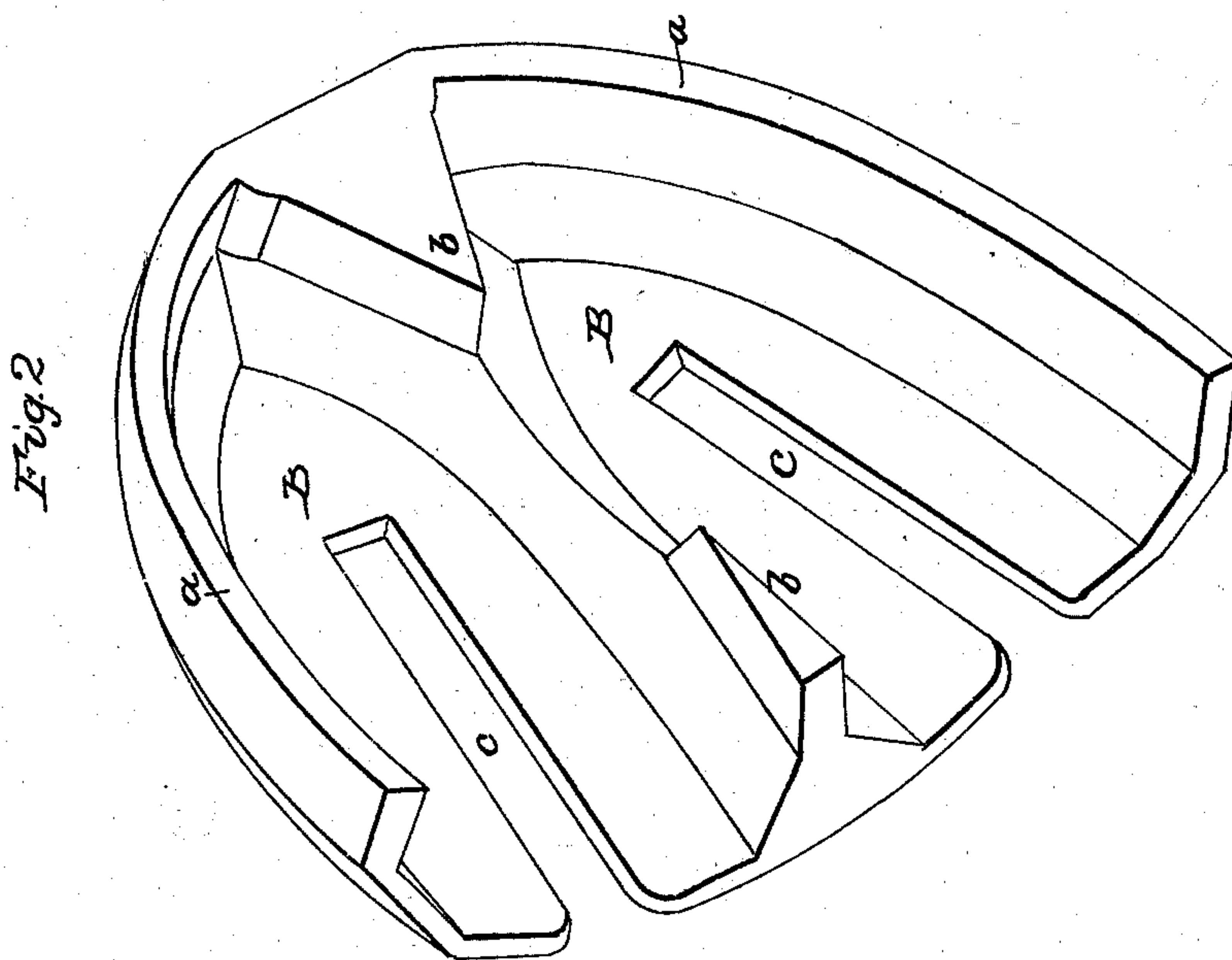
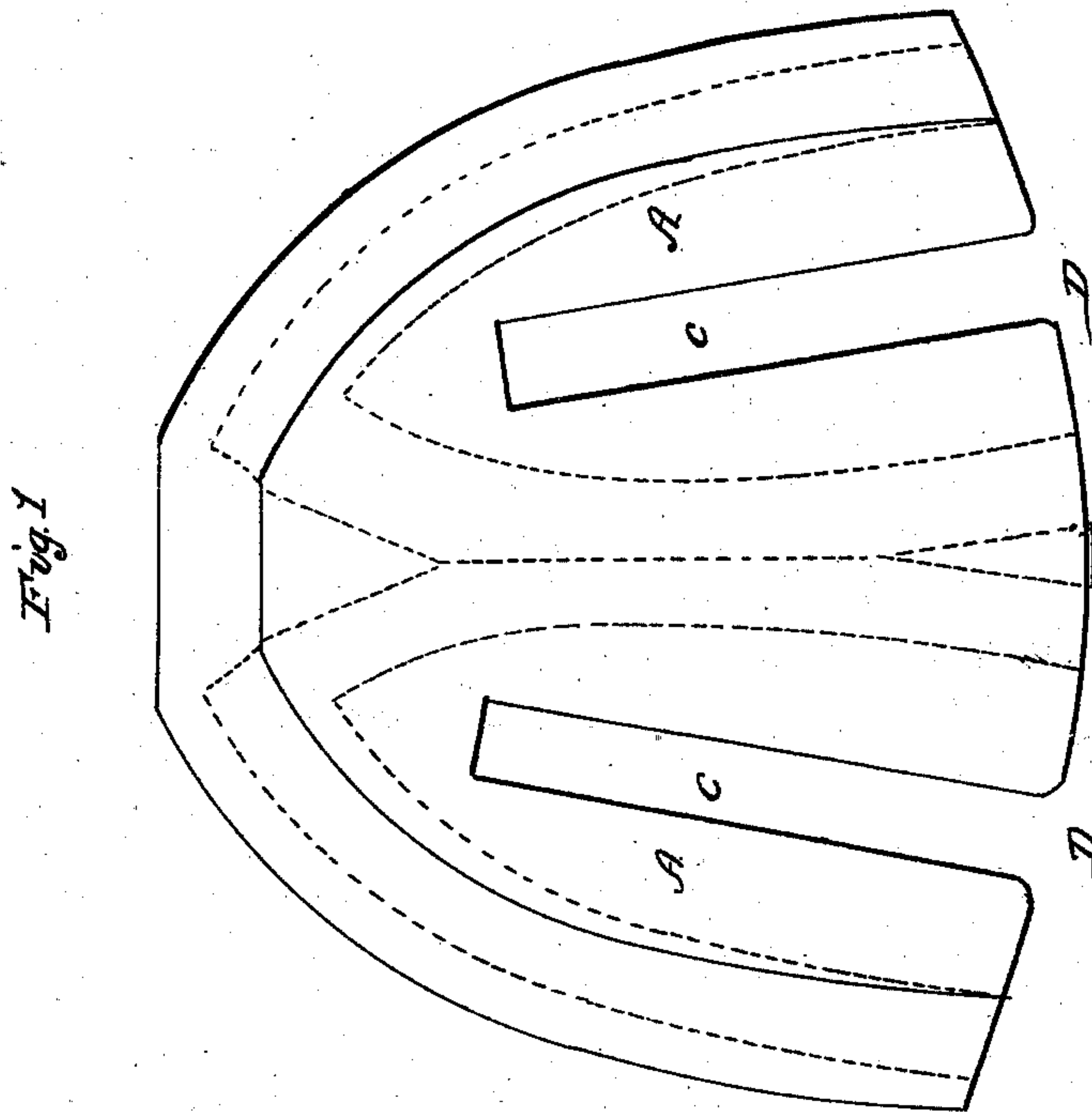


W. HEATH.
Flat Iron Heater.

No. 21,337.

Patented Aug. 31, 1858.



UNITED STATES PATENT OFFICE.

WILLIAM HEATH, OF BATH, MAINE.

SAD-IRON-HEATER COVER.

Specification of Letters Patent No. 21,337, dated August 31, 1858.

To all whom it may concern:

Be it known that I, WILLIAM HEATH, of Bath, in the county of Lincoln and State of Maine, have invented a new and Improved
5 Cover for Sad-Iron Heaters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

10 Figure 1 is a plan of the heater cover, the form of the interior being shown by dotted lines. Fig. 2 is a view of the underside, the cover being set up on edge.

I am aware that sad-iron heaters have
15 been contrived in which a lid or lids shut down over the iron to retain the heat around it, but such contrivances were expensive and liable to be put out of order. The more common way of heating such irons is to set
20 them before the fire or to place them in contact with the plate of a stove. In either case a large proportion of the heat from the fire is dissipated, and the heating of the sad iron is a comparatively slow process.

25 My invention consists in the production of a cover for the sad iron heater which while it in a measure protects the handle of the iron from the heat, serves to confine the heated air around the body of the iron, and
30 contribute materially to its more rapid heating.

That others skilled in the art may understand and use my invention I will proceed to describe the manner in which I have carried it out.
35

In the accompanying drawings is shown the heater cover which may be of any convenient form and size adapted to the number of sad irons it is intended to contain (the
40 one represented is for two); it is of metal cast to the required pattern. It consists of a top A furnished with a rim α and a divi-

sion plate b , which rest on the stove plate, and form a recess B Fig. 2 to receive the sad iron, the handle of which projects up 45 through a slot c in the top A. The cover is placed on the stove and the iron to be heated is inserted, point foremost from the side D Fig. 1—the handle entering the slot c and the body of the iron filling or nearly 50 filling the recess B which is of a proper form to correspond with the shape of the iron. Thus the face of the iron rests on the stove and is surrounded on all sides except one end, by the cover which confines the heated 55 air around the iron and prevents the contact with its upper surface, of cold currents of air which dissipate a considerable portion of the heat rising from the stove.

When the iron is removed from one of the 60 recesses B, to be used, the heat is accumulating in the cover, so that when the iron is returned to the recess to be again heated, it will require much less time to raise it to the required temperature, than it would if the 65 cover or heater were not used.

If a grate or open fire is used, a simple plate of iron may take the place of the stove plate to set the cover upon.

I have shown a cover arranged for two 70 irons, but it is evident that they may be made with any required number of recesses B consistent with the capacity of the stove or fire employed.

What I claim as my invention and desire 75 to secure by Letters Patent is—

The within described cover for sad iron heaters, constructed and operating in the manner substantially as described.

WILLIAM HEATH.

Witnesses:

D. F. BAKER,
WILLIAM ROGERS,
BENJ. RIGGS.