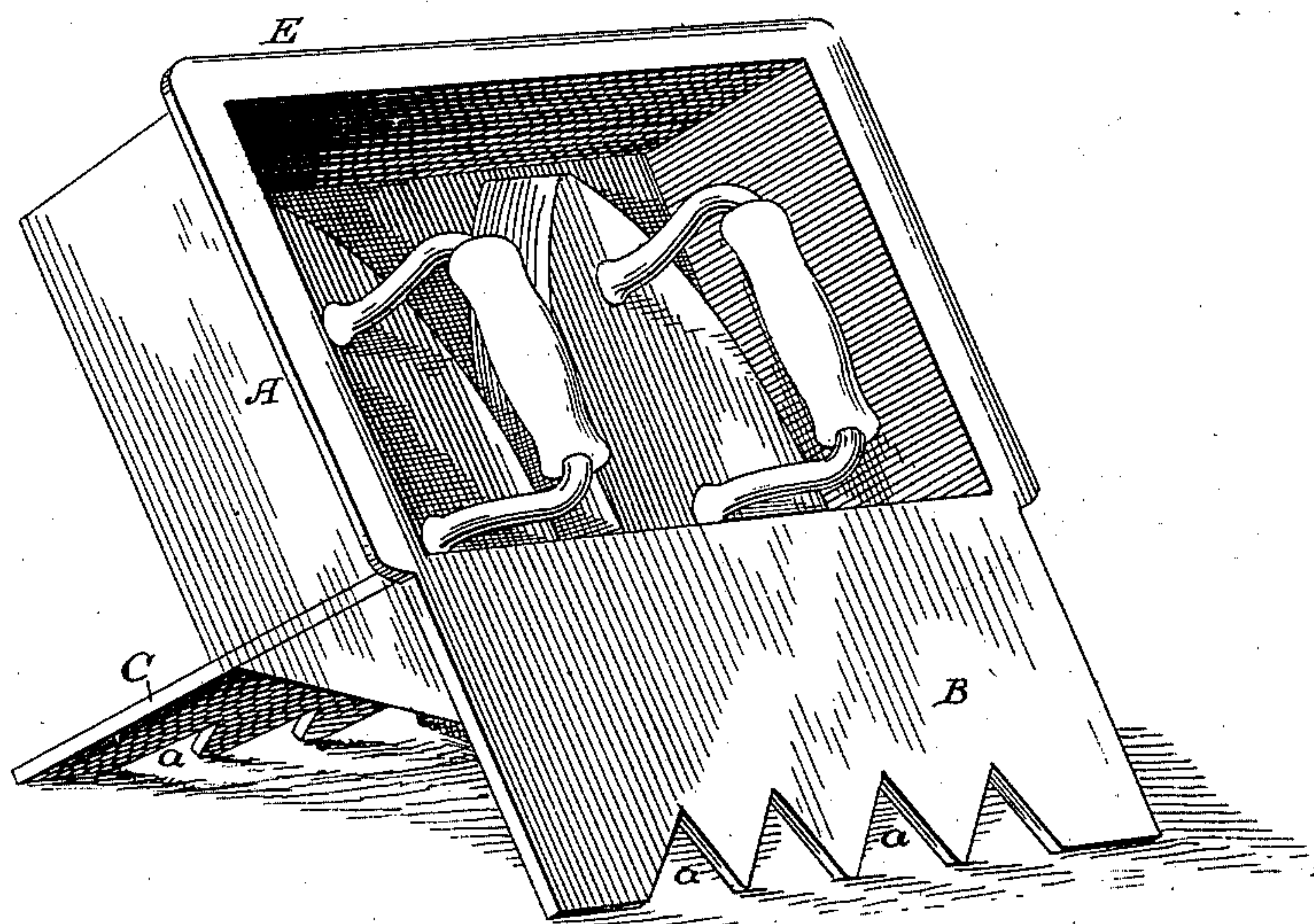


W. B. Le NOIR.  
Sad-Iron Heater.

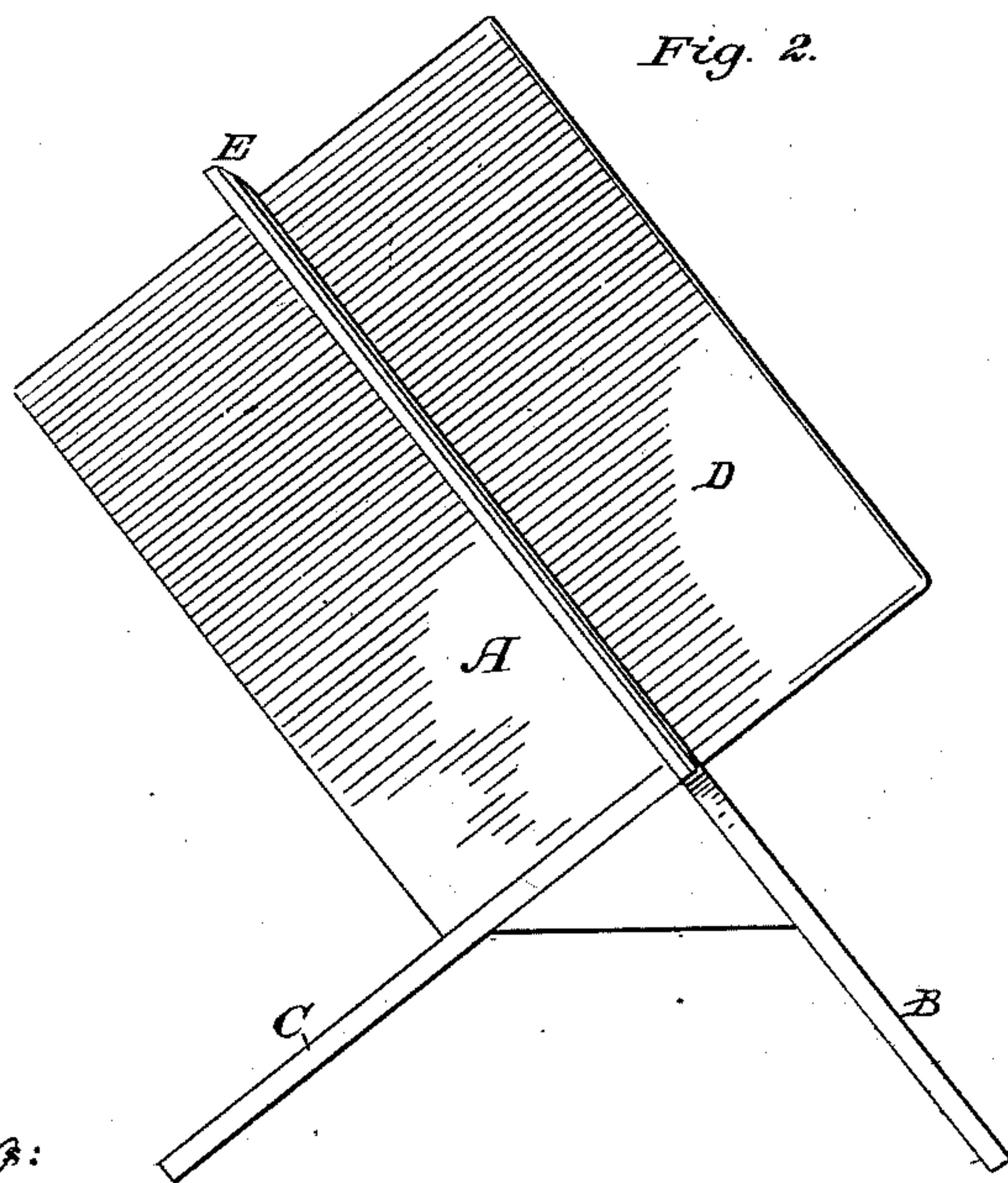
No. 223,596.

Patented Jan. 13, 1880.

*Fig. 1.*



*Fig. 2.*



Witnesses:

*W. B. Le Noir*  
*F. L. Middleton*

Inventor:

*William B. Le Noir*  
*by Ellis Spear*  
*Attorney*



# UNITED STATES PATENT OFFICE.

WILLIAM B. LE NOIR, OF LOWER PEACH TREE, ALABAMA.

## SAD-IRON HEATER.

SPECIFICATION forming part of Letters Patent No. 223,596, dated January 13, 1880.

Application filed October 4, 1879.

*To all whom it may concern :*

Be it known that I, WILLIAM B. LE NOIR, of Lower Peach Tree, in the county of Wilcox and State of Alabama, have invented a new and useful Improvement in Sad-Iron Heaters; and I do hereby declare that the following is a full, clear, and exact description of the same.

The object of my invention is to construct a holder for sad-irons, more especially adapted for use when the irons are heated before an open fire, but which may also be used in connection with a stove, and is also intended as a receptacle for the irons when not in use.

The invention consists in supporting a chamber, which may be made large enough to contain any required number of irons, in an inclined position, so that such chamber, while not actually in contact with the flame, will be held directly above such flame by reason of its inclined position, and will be heated by the direct action of the products of combustion.

The two standards which support the chamber in which the irons are placed may be cast with it or attached to it in any suitable manner. The front standard is attached to the upper front edge of the chamber, while the rear standard is at right angles therewith, and is made considerably longer than said front standard, the increased length being necessary to prevent the inclined chamber from falling when weighted with the irons. These standards, if cast with the chamber, are serrated or perforated, as shown, to permit the air to pass through.

If the legs or standards are removably attached to the chamber it would only be necessary to use four of such legs, which would leave room for free entrance of the air necessary to support combustion. It is thus evident that when the box is supported by these standards it will be held in an inclined position, and if placed above the coals will not come in contact therewith, but will be heated by the products of combustion, which rise directly upward.

The box is of sufficient dimensions to con-

tain any desired number of irons, and a cover of any desired construction, which may be made of sheet metal, is placed thereon. This device is particularly adapted to open fires; but it may also be used in connection with stoves in the following manner: The box is introduced inside the door of the stove, one standard, of course, being within and the other outside. The flange on the upper edge of the box, bearing against the stove in front and around the doorway, holds the device in position and prevents it from falling in.

This device is also intended as a receptacle for the irons at all times except when actually in use. It preserves them from the effects of the atmosphere as well as from the injurious effects of exposure to the direct action of the fire while being heated.

The device is represented in the accompanying drawings, in which Figure 1 is a front view with the cover removed, and Fig. 2 a side view.

A represents the box; B, the front standard; C, the rear standard; D, the cover; E, the flange, and *a a* perforations or serrations, for the purpose before mentioned.

Having thus described my invention, what I claim is—

1. In a sad-iron heater, the combination, with the heating-chamber A, of the standards B C, by which said chamber is supported in an inclined position, substantially as described.

2. In a sad-iron heater, the standards B C, provided with openings *a*, substantially as and for the purposes set forth.

3. The sad-iron heater described, consisting of the heating-chamber A, supported in an inclined position by standards B C, the air-openings *a*, the cover D, and the flange E, all constructed and arranged as shown.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WM. B. LE NOIR.

Witnesses:

W. H. WEBB,

A. J. ALDRIDGE.