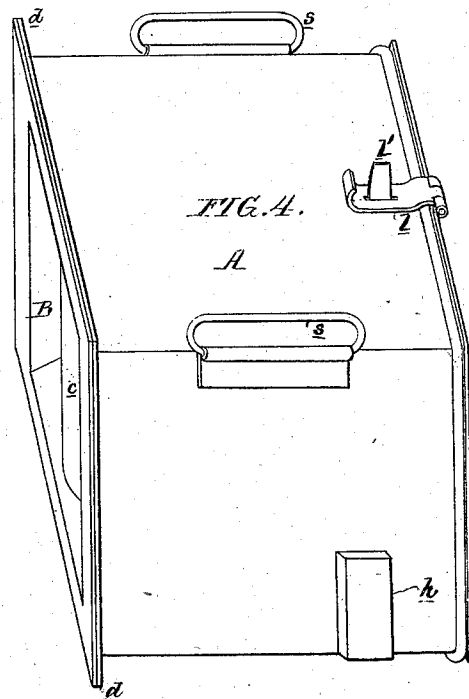
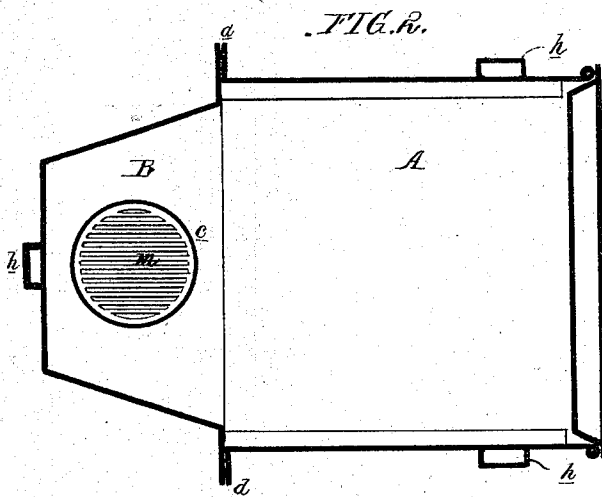
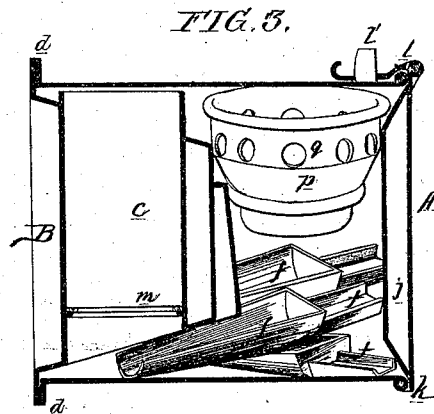
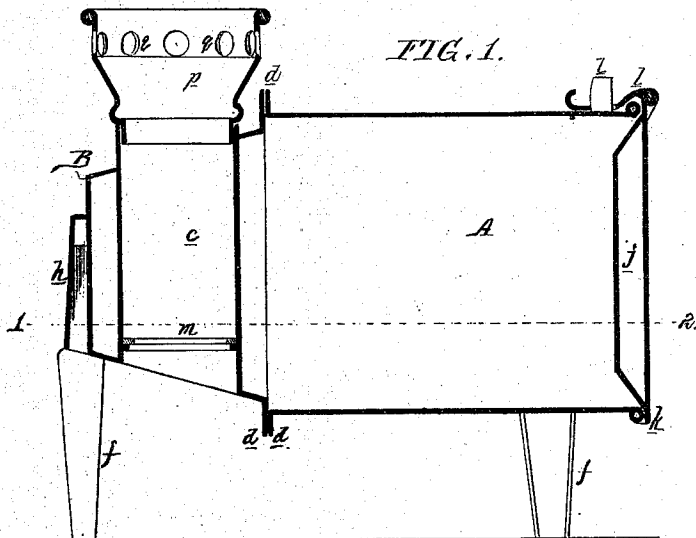


E. EVANS.
Portable Stove.

No. 106,040.

Patented Aug. 2, 1870.



Witnesses { *Wm. A. Stiles.*
John Parker

Edward Evans
by his Atty
Howson and son

United States Patent Office.

EDWARD EVANS, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 106,040, dated August 2, 1870.

PORTABLE COOKING-STOVE.

The Schedule referred to in these Letters Patent and making part of the same

I, EDWARD EVANS, of Philadelphia, county of Philadelphia, State of Pennsylvania, have invented an Improved Portable Cook-Stove, of which the following is a specification.

Nature and Object of the Invention.

My invention consists of a light portable cook-stove, intended principally for travelers, and for use in summer weather, and consisting of a tin or sheet-iron oven, and of an end piece or extension secured to the oven, and containing the fire-place.

The said extension or end piece, as well as the feet of the stove, are made detachable, and can be packed within the oven, so that the stove, when not required for use, will occupy but little room, and can be readily carried from place to place.

Description of the Accompanying Drawing.

Figure 1 is a vertical sectional view of my improved portable cook-stove;

Figure 2, a sectional plan view of the same, on the line 1-2, fig. 1;

Figure 3, a sectional view of the stove as it appears when the several parts are detached from each other, and packed within the oven; and

Figure 4 is a perspective view of fig. 3.

General Description.

The stove, which I prefer to make of tin or sheet iron, or both, consists principally of an oven, A, and of an extension or end piece, B, secured to the oven, and containing the fire-place c.

The oven and extension are connected by means of flanges, d d, which insure a tight joint, and afford a convenient hold for bolts, clamps, or other fastenings, which can be readily removed when the two parts are to be disconnected from each other.

The stove is supported upon suitable feet or legs, f, which are fitted to sockets, h, of the oven and its extension, in such a manner that they can be readily detached therefrom.

At the outer end of the oven there is a door, j, hinged at the bottom at the point k, and provided at the top with a latch, l, adapted to a projection, l', of the oven.

The fire-place c, previously alluded to as being contained within the extension B, consists of an upright

cylinder or tube, open both above and below, and containing a gate, m.

The fire-place has also at the top a detachable cap, p, of enlarged diameter, in which is formed a row of holes, q, to prevent the checking of the draught when the top of the said cap is closed by placing a kettle or other cooking-utensil upon the same.

The above stove, being both light and portable, is especially adapted for the use of travelers, and can be employed for cooking purposes generally in summer weather, when but a temporary fire is needed.

Charcoal, wood, coal, or other fuel, may be used, and the oven can be quickly heated, as the cylindrical fire-place passes through and is entirely contained within the extension B, which, in reality, forms part of the oven.

When the stove is no longer required for use, the several parts of the same can be detached from each other, and the whole packed within the oven, in the manner shown in fig. 3, the extension B being merely reversed, so that it may close one end of the oven, while the remainder of the interior of the latter is occupied by the feet or legs f and the cap p of the fire-place.

The oven, which, taken separately, is nothing more than a square sheet-metal box, is provided with handles, s s, fig. 4, which enable it to be easily lifted and carried from place to place when the other portions of the stove are thus packed within it.

Claims.

1. The within-described stove, consisting principally of an oven, A, and of an extension or end piece, B, containing a fire-place, and connected to the said oven by a flanged or other joint, d, in such a manner that it can be readily detached therefrom.

2. The oven A, adapted for the reception of the extension or end piece B, and other detachable portions of the stove, as described.

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

EDWARD EVANS.

Witnesses:

WM. A. STEEL,
FRANK B. RICHARDS.