

STEVENS & ROCKWELL.

Portable Stove.

No. 34,791.

Patented March 25, 1862.

Fig. 1.

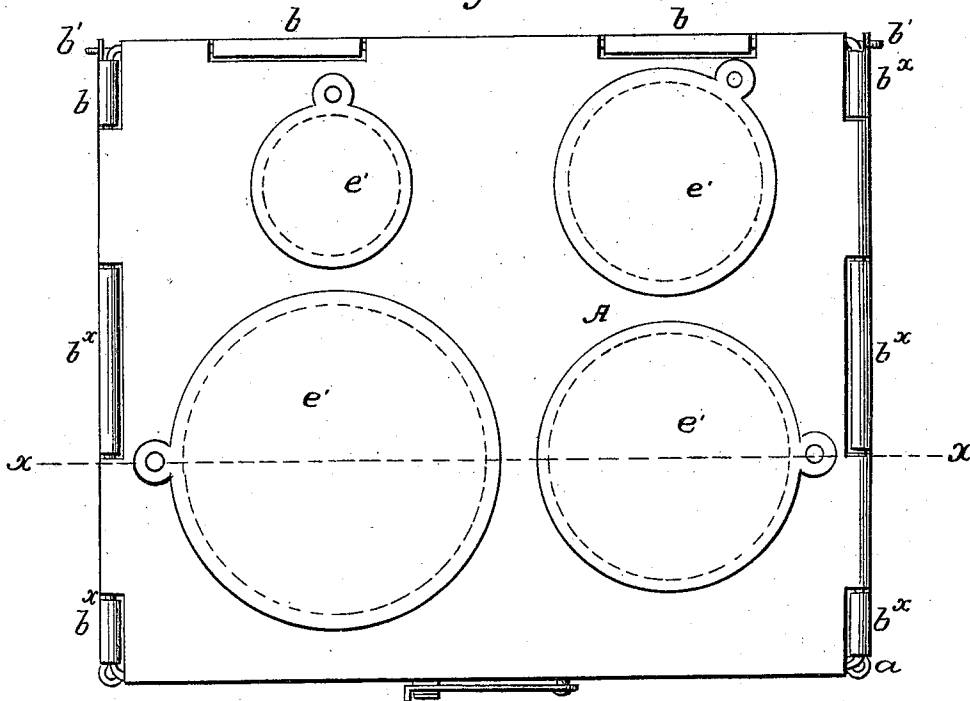
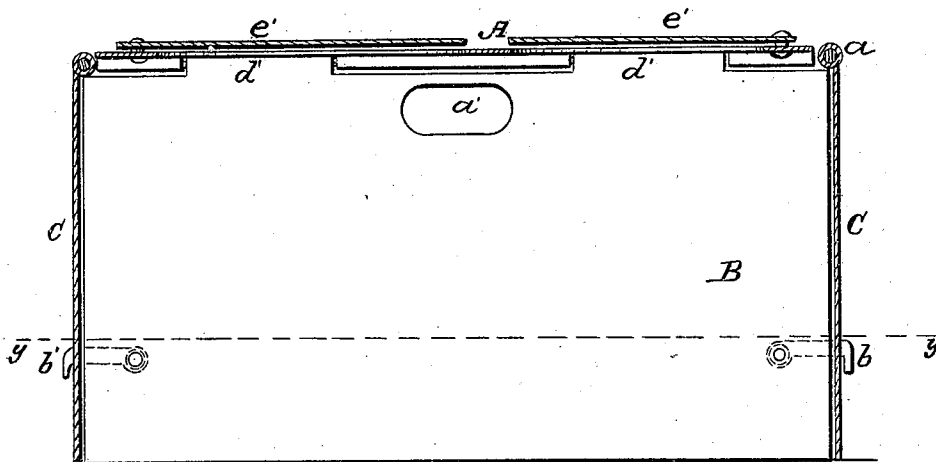


Fig. 2.



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2 Sheets—Sheet 2.

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Fig. 3.

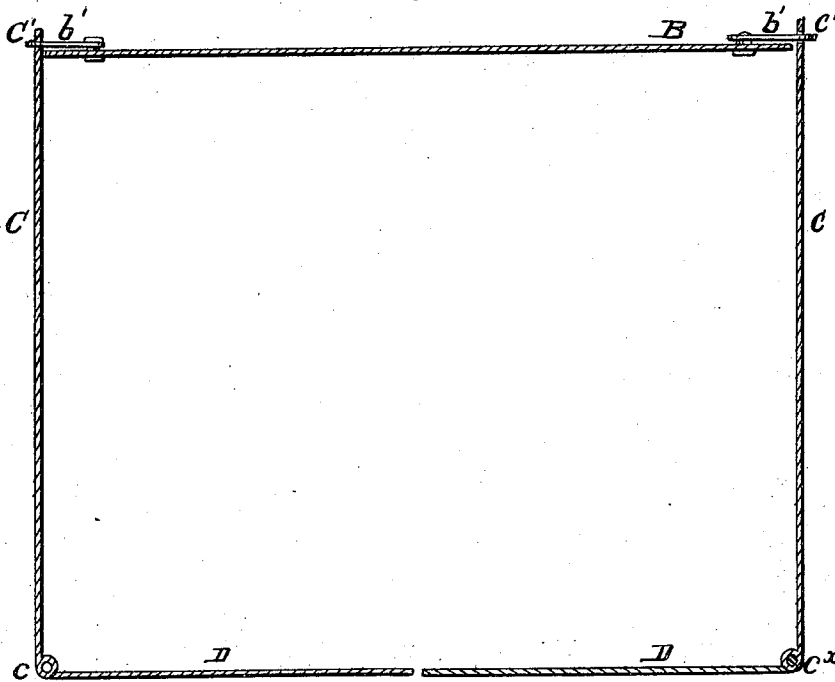
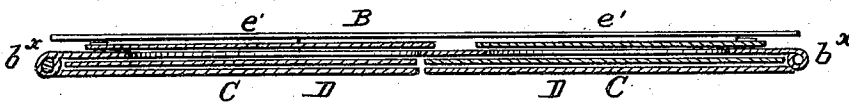


Fig. 4.



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UNITED STATES PATENT OFFICE.

C. A. STEVENS AND J. V. ROCKWELL, OF NEW YORK, N. Y.

IMPROVEMENT IN PORTABLE STOVES.

Specification forming part of Letters Patent No. 34,791, dated March 25, 1862.

To all whom it may concern:

Be it known that we, C. A. STEVENS and J. V. ROCKWELL, of the city, county, and State of New York, have invented a new and Improved Portable Cook-Stove; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a plan or top view of our invention; Fig. 2, a front sectional view of the same, taken in the line *x x*, Fig. 1; Fig. 3, a horizontal section of the same, taken in the line *y y*, Fig. 2; Fig. 4, a sectional view of the same in a folded state.

Similar letters of reference indicate corresponding parts in the several figures.

To enable those skilled in the art to fully understand and construct our invention, we will proceed to describe it.

A represents the top plate of the stove, which plate may be of any convenient or desirable size and of rectangular form. This top plate should be constructed of quite thick sheet metal, and a wire *a* is folded or inclosed all around its edge by means of the ordinary wiring-machine in general use among sheet-metal artisans.

The back plate B of the stove is connected to the wire *a* at the back edge of the top plate A by means of loops *b*, which are closed around the wire *a*, recesses being cut in the back edge of the top plate A to receive the loops *b*. This mode of attachment forms joints which admit of the back plate B being folded over on the top A of the stove when desired.

C C represent the side plates of the stove. The tops or upper ends of these plates are jointed to the top plate A in the same way as the back plate B, as shown at *b^x*. The front of the stove is formed of two doors D D, which are connected by joints *c^x* to the front edges of the side plates C C. The side plates as well as the back plate and doors are all constructed of sheet metal, and the side plates C C are so connected to the top plate A as to

admit of being folded underneath it, while the doors D D are so connected to the side plates C C that they may be folded inward against them.

The back plate B is provided with a draft-aperture *a'*, and is also provided with two hooks *b' b'*, which, when the stove is properly adjusted for use, catch into recesses *c'* at the back parts of the side plates C C. (See more particularly Figs. 2 and 3.)

The top plate A has the usual pot-holes *d'*, each being provided with a cover *e'*, which is pivoted to the plate A adjoining it, as shown clearly in Fig. 1, to admit of the covers being readily adjusted over or shoved off from the holes.

When the stove is not in use, the back plate B is folded over on the top A of the stove, the side plates C C folded underneath the top A, and the doors D D folded against the side plates C C, the whole forming a flat and compact article, as shown in Fig. 4.

In adjusting the stove for use the back and side pieces are folded down in a vertical position and the doors D D folded outward, the hooks *b'* being fitted in the recesses *c'* of the side plates C C.

The device is extremely simple, may be constructed at a small cost, and will, it is believed, prove to be a desirable affair for the purpose intended.

We do not claim, broadly, the construction of folding stoves.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The combination of the top plate A, furnished with holes and having covers attached to the plate, as shown, with the side plates C C, back plate B, and doors D D, the whole constructed and hinged together to make a folding stove, substantially as set forth.

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Witnesses:

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A. LAWLER.