

(No Model.)

C. A. COOK.  
FOLDING OR PORTABLE STOVE.

No. 554,334.

Patented Feb. 11, 1896.

Fig. 1.

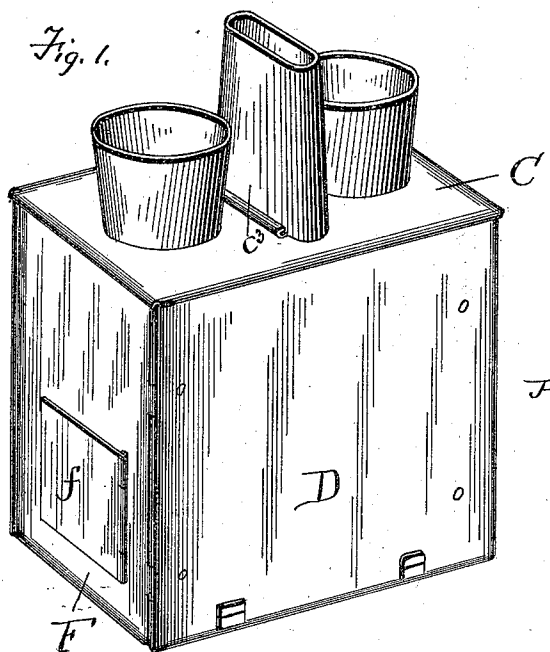


Fig. 2.

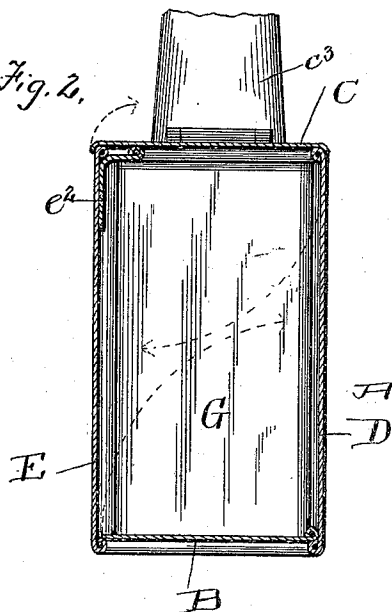


Fig. 3.

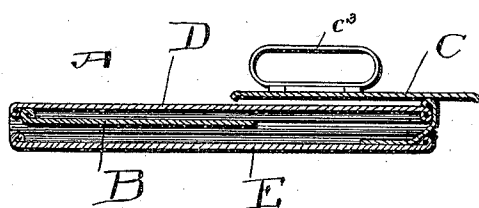
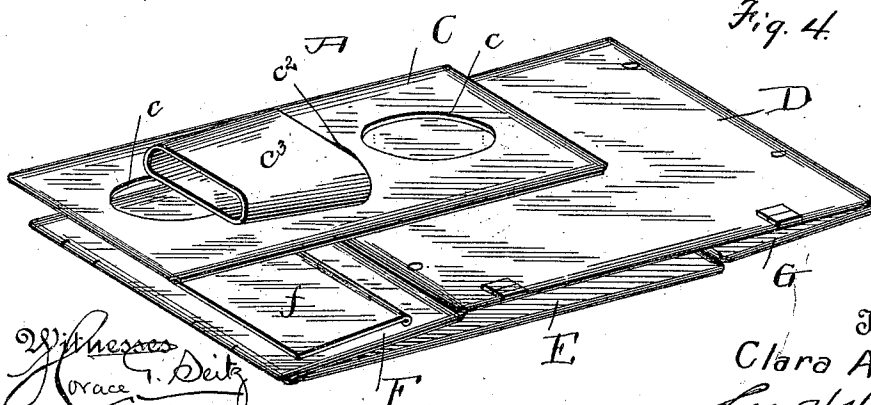


Fig. 4.



Witnesses  
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# UNITED STATES PATENT OFFICE.

CLARA A. COOK, OF PHILADELPHIA, PENNSYLVANIA.

## FOLDING OR PORTABLE STOVE.

SPECIFICATION forming part of Letters Patent No. 554,334, dated February 11, 1896.

Application filed April 30, 1895. Serial No. 547,655. (No model.)

*To all whom it may concern:*

Be it known that I, CLARA A. COOK, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Folding or Portable Stoves, of which the following is a specification.

The invention relates to folding or portable stoves.

The object is to produce a stove of this class which is so hinged together as to obviate the necessity of removing any of the parts when the stove is to be folded, and, further, to employ a construction possessing advantages in point of simplicity, durability and general efficiency.

With these objects in view the invention consists in certain novel constructions and combinations of parts, to be hereinafter fully described and claimed.

In the accompanying drawings, forming part of this specification, similar letters of reference indicate corresponding parts in the several views.

Figure 1 is a perspective view of one embodiment of the invention. Fig. 2 is a cross-sectional view of the same. Fig. 3 is a perspective view showing the stove folded, and Fig. 4 is a cross-sectional view of the same.

In the drawings, A designates the stove, which is formed of sheet-iron or other suitable material, and provided with a bottom B, top C, sides D and E, and ends F and G. The bottom B is rectangular in form and is hinged to the side D, and the sides D and E are hinged to the ends F and G, as shown in Figs. 1 and 2. Secured to side E near its top and extending above the top of the stove, is a bail or handle, which affords a convenient means of carrying the stove when folded. Hinged to the end F, so as to close an opening formed therein, is a door *f*, and through this opening, which leads into the combustion-chamber, the fuel is introduced.

Secured to the inner side of side E is a hinge *e*<sup>2</sup>, which extends upward to the top of the side and then inward a short distance toward the center, and to this hinge is secured the top C. (See Fig. 2.)

The top C has openings *c* for the reception

of the cooking utensils. About centrally of the top section and forming a continuation of an opening *c*<sup>2</sup> is hinged a pipe *c*<sup>3</sup>, through which the products of combustion escape.

To fold the stove and pack it, the bottom B is turned upward, as indicated by dotted lines in Fig. 2, against the side D, and the stove is then closed by pressing against the hinged meeting edges of side D and end G, which causes the side D to be moved in a diagonal direction until the sides and ends form a thickness less than the length of the horizontal portion of the hinge *e*<sup>2</sup>, after which the top is turned downward upon the side D, as shown in Fig. 3. The pipe *c*<sup>3</sup> is then turned upon the top C and the stove is ready to be carried. To set up the stove, the operation is reversed.

It is to be understood that the bottom will be of such size as to readily pass upward or downward in the stove in its open position when turned on its hinged joint; further, that the top C can only be turned downward, inasmuch as the hinge or pivot point is located away from the edge, which prevents it from being raised, and thereby serves to brace the stove when set up for use.

Among the many advantages of this construction may be mentioned the manner in which all parts are hinged and permanently attached together, so as to prevent loss of parts while in transportation, and also the low cost of manufacture.

Having thus described the invention, what I claim as new is—

A portable stove comprising sides and ends hinged together, a top and bottom hinged to opposite sides, the hinge of the top being located at a point away from the edge of the top, whereby it will be prevented from movement in an upward direction, and will bind the pieces together when folded, and a pipe hinged to the top, as and for the purpose described.

In testimony whereof I have affixed my signature in the presence of two witnesses.

CLARA A. COOK.

Witnesses:

SAMUEL L. TAYLOR,  
W. H. PUMPHREY.