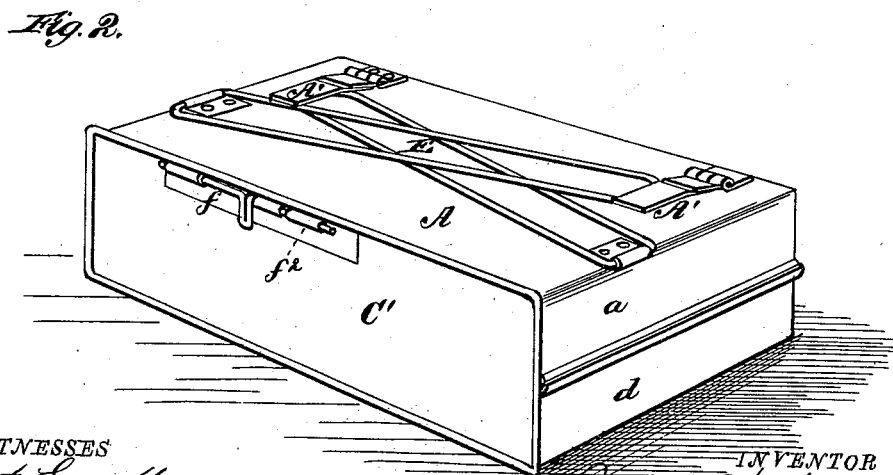
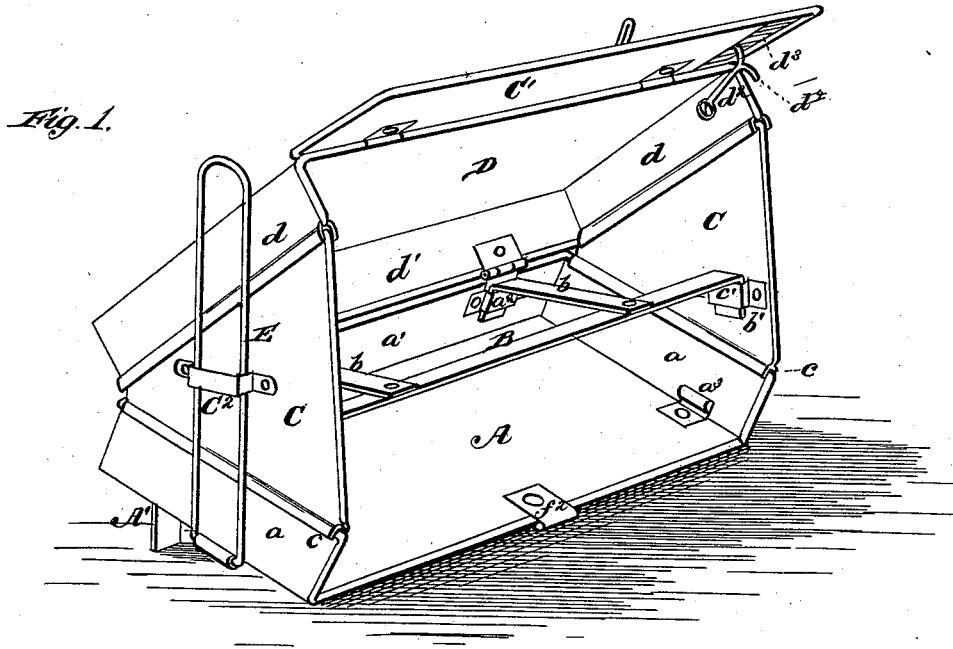


J. WATSON.
Domestic-Oven.

No. 216,003.

Patented May 27, 1879.



WITNESSES
Robert E. Smith
James J. Shelby

By

INVENTOR
James Watson
Gilmore, Smith & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES WATSON, OF MARINETTE, WISCONSIN.

IMPROVEMENT IN DOMESTIC OVENS.

Specification forming part of Letters Patent No. **216,003**, dated May 27, 1879; application filed March 29, 1879.

To all whom it may concern:

Be it known that I, JAMES WATSON, of Marinette, in the county of Oconto and State of Wisconsin, have invented certain new and useful Improvements in Bake-Ovens; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective of my bake-oven, and Fig. 2 is a view showing my device folded up.

Identical parts in the drawings are designated and referred to by the same letters.

My invention relates to portable ovens; and it consists in removable side pieces and the manner of placing and holding them in position; also, in a leaf-top for regulating the heat and closing the oven together in a compact folded condition, forming a packing-box, as will more fully appear herein.

A is the bottom piece of the oven, with flanges *a a* and *a'*, forming sides. The bottom is provided with hinged legs *A'*, for the purpose of giving any desired inclination to the oven. It is also provided with loops *a²*, for receiving the angled arms *b* of the shelf or rack B.

C are triangular end pieces, provided with the double flange or grooves *c*, to embrace and rest upon the upper edges of the ends *a a*. These side pieces C are also provided with loops *c'*, to receive the arms *b'* of the shelf or rack B, by which means the bottom, the side pieces, the rack, and flange *a'* are securely united and held in proper position.

D is the top of the oven, hinged to the flanged edge *a'*, and having three sides, *d*, *d*, and *d'*. The sides *d d* are double flanged in

the same manner as the end pieces C, for the purpose of shutting down securely over the upper edges of C.

C¹ is a leaf-top or extension of the top D, hinged to the front edge of the top, and held in adjustable position by means of the pawl and rack *d²* and *d³*, as shown.

Proper cooking-vessels may be placed on the rack B or on the bottom A.

E is a loop, attached to the bottom A, and, passing through the handle C² of the end pieces, serves to strengthen the oven, and, extending above the top, serves as handles to the oven while in use.

There is a loop, *a³*, in the bottom to receive the hook *d⁴* of the pawl, to hold the oven in a box shape. Other camp-equipage may be packed in this box, as so constructed, and the same securely closed by means of the bolt *f*, attached to the leaf C¹ and entering the loop *f²* of the bottom of the oven.

What I claim is—

1. In a portable oven, the side pieces C, provided with the grooves *c*, and the loops or handles C², in combination with the sides *a a* of the bottom and *d d* of the top and the arms *b* of the rack or shelf B, as and for the purposes set forth.

2. In a portable oven, the top D, provided with the double-flanged sides *d d*, and pawl *d²*, in combination with the leaf-top C¹, provided with the rack *d³*, as and for the purposes substantially as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JAMES WATSON.

Witnesses:

J. B. FAIRCHILD,
FRANK W. RICE.