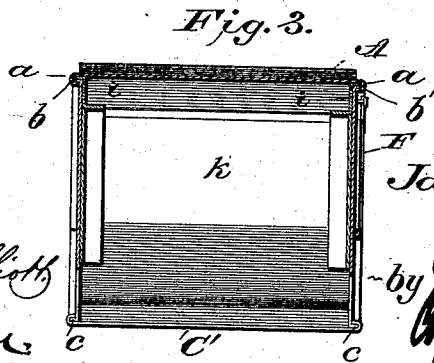
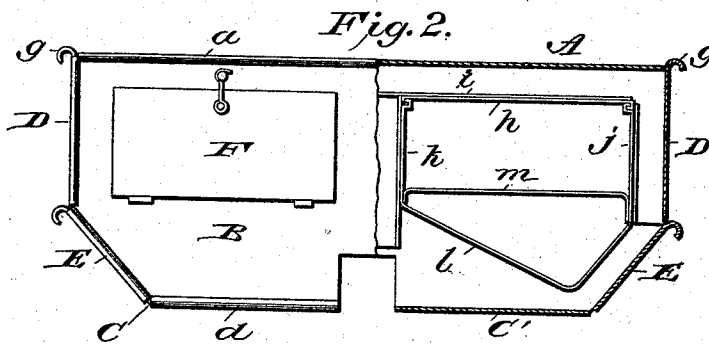
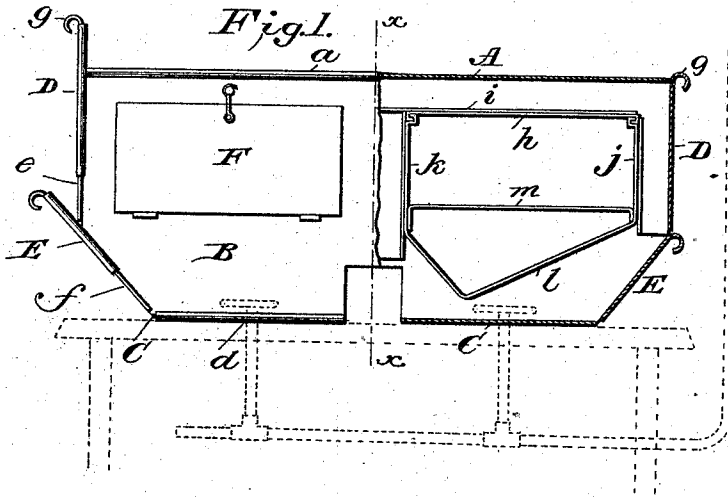


(No Model.)

J. B. LOGAN.  
BAKE OVEN FOR GASOLINE STOVES.

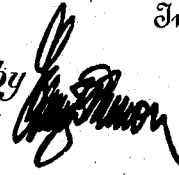
No. 470,624.

Patented Mar. 8, 1892.



James B. Logan.  
Inventor

Witnesses  
L. S. Elliott  
E. M. Johnson

by  Attorney

# UNITED STATES PATENT OFFICE.

JAMES B. LOGAN, OF MOUNT VERNON, ILLINOIS, ASSIGNOR OF ONE-HALF TO  
GEORGE B. LEONARD, OF SAME PLACE.

## BAKE-OVEN FOR GASOLINE-STOVES.

SPECIFICATION forming part of Letters Patent No. 470,624, dated March 8, 1892.

Application filed April 14, 1890. Serial No. 347,925. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES B. LOGAN, a citizen of the United States, residing at Mount Vernon, in the State of Illinois, have invented a new and useful Bake-Oven for Gasoline-Stoves, (named "Best Baker.") of which the following is a specification.

My invention has reference to portable ovens for vapor and gas stoves, and has for its object the provision of a simple and efficient oven for the purpose stated.

The invention consists in the construction and combination of the parts, as will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is an elevation of a portable oven embodying my improvements, the front being removed. Fig. 2 is a side view, part of the front being removed to disclose a different arrangement of oven-compartment; and Fig. 3 is a transverse sectional view on the dotted line *xx*, Fig. 1.

The outer or main case of the oven has a top piece *A*, the edge portions *a* of which are bent under to embrace the upper and outwardly-turned flange *b* of side portions *B B*, the lower edge *c* of each side being turned outward to be engaged by the upwardly-turned edges *d* of the bottom sections *C C*. It will be seen that the outer edges of each side are shaped so as to present an upper vertical and lower inclined edge, both being bent to present an outwardly-inclined flange *e f*. An end plate *D* has its sides bent to engage said flange *e*, while its upper part *g* is looped to furnish an operating portion to enable the plate *D* to be slid vertically.

A damper-plate *E* engages the inclined flanges *f*, and has its upper part looped to enable it to be conveniently slid on the flanges. The side plates are cut away for the free admission of air to the heating flame and an opening is left between the inner edges of the plates *C C*.

As will be seen by reference to Fig. 1, the two oven-compartments are arranged on either side of the central vertical flue, and each compartment has a top plate *h*, suitably supported between the sides by means of con-

necting-strips *i*, the ends of said top plate being bent under, as shown, to engage the correspondingly-bent ends of the inner and outer end walls *j k*, the bottom plate *l* being bent, as shown, to provide oppositely-inclined portions. Within the oven-compartments and resting on the bottom is a loosely-adjusted plate *m*, having bent portions to maintain it horizontal within the compartment, for which it forms a false bottom.

Doors *F*, hung on the sides *B B* of the main casing, cover openings through which access is had to the oven-compartments.

From the foregoing it will be readily understood that an arrangement is provided for vapor-stoves wherein the heat passes vertically between the oven-compartments, thence over the same, and finally descends. The oven is durable and the connections cannot become sprung or melted, for the reason that no permanent connecting means is employed; but the several parts directly engage each other.

In Fig. 2 of the drawings I have shown the inner compartments of the oven reversed from what is shown in Fig. 1, and when so arranged the oven is adapted for use with a single burner, while two burners are intended to be used when the oven-compartments are arranged as shown in Fig. 1.

I claim—

1. In an oven for vapor-stoves, the combination, with a casing comprising top and bottom plates bent at their edges, of sides *B B*, bent to engage said bent portions, the ends of the sides being provided with vertical upper and lower inclined flanges, and ends and dampers sliding thereon, together with oven-compartments made up of plates correspondingly engaged, substantially as set forth.

2. In an oven for vapor stoves, the combination of a casing constructed substantially as shown and provided with ends *D D* held in sliding engagement therewith, damper-plates *E E*, movably connected to the casing, doors carried by one of the sides *B*, and oven-compartments arranged within the casing and separated by a central flue, said compartments consisting of top plates *h*, bottom and side plates connected thereto, the bottom plate

having inclined surfaces of different lengths, substantially as set forth.

3. In combination with an oven-casing constructed substantially as shown, an inner compartment or oven made up of a top plate *h*,  
5 side walls removably connected thereto, said side walls being connected by a bottom plate

inclined downwardly in opposite directions and at different angles, for the purpose set forth.

JAMES B. LOGAN.

Witnesses:

W. A. DAVIS,  
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