

J. C. BARNES.  
Oven-Door for Stoves.

No. 165,913.

Patented July 27, 1875.

Fig. 1.

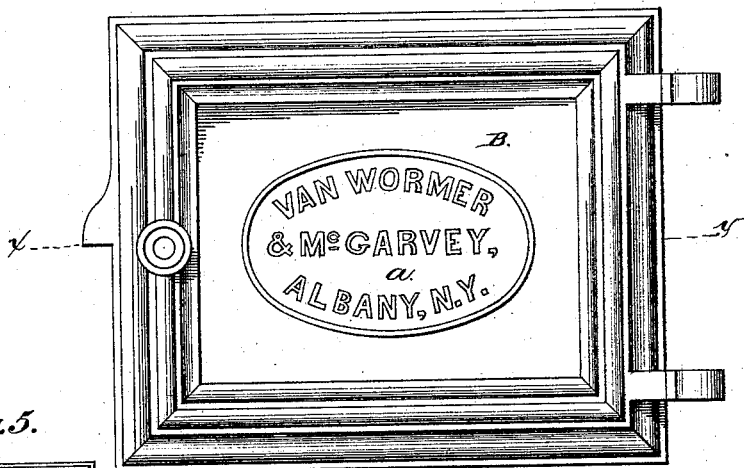


Fig. 5.

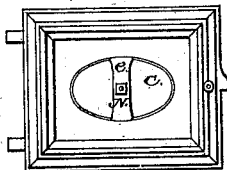


Fig. 2.

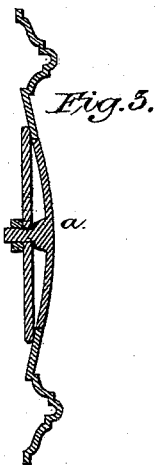
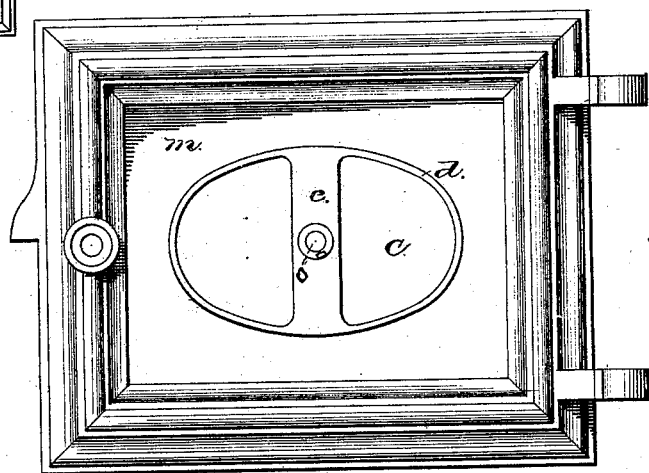
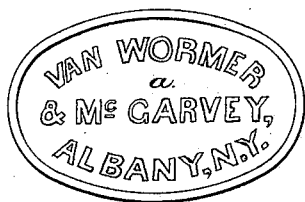


Fig. 4.



Attest:

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# UNITED STATES PATENT OFFICE.

JOSEPH C. BARNES, OF ALBANY, NEW YORK, ASSIGNOR TO VAN WORMER  
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## IMPROVEMENT IN OVEN-DOORS FOR STOVES.

Specification forming part of Letters Patent No. **165,913**, dated July 27, 1875; application filed  
May 20, 1875.

*To all whom it may concern :*

Be it known that I, JOSEPH C. BARNES, of the city of Albany, State of New York, have invented a new and Improved Method of Constructing the Oven-Doors of Stoves and Ranges for the Reception of a Lettered Plate, of which the following is a specification :

The nature of my invention consists in constructing and arranging, in the center panel of stove or range doors, a means for the reception of a lettered plate, which may be galvanized, nickel-plated, coppered, or made of any metallic exterior different from that of which the stove-door is made to give it prominence, upon which plate may be lettered the name of the sub-vendor or agent, the owner and purchaser, or any other lettered name that it may be desired to put there.

I am well aware that prior to my invention lettered plates have been placed upon the exterior walls of sheet-iron stoves. I also know that the names of stoves and stove-manufacturers have been lettered and cast upon detachable hearth-pieces; and I make no broad claim to any such application. I do not believe, however, that the panels of stove-doors have ever been made and formed to receive a detachable lettered plate; and it is to this application that I desire to limit my application, considering the formation of a coinciding place in the panel of a stove-door to receive a lettered plate to be the principal feature of my invention, in combination with the application of the plate. I also consider it another feature of my invention to form the plate so lettered of a different metal from that of which the stove-door is made to which it is attached, or to galvanize it, nickel-plate it, or to give it prominence, when so placed, by a metallic exterior or surface different from that of the door upon which it is placed.

In the accompanying drawing, Figure 1 shows a door with the lettered plate applied

to the panel, which has been shaped for its reception. Fig. 2 shows the door with the plate removed, and the place fitted for its reception in view. Fig. 3 represents a cross-section of Fig. 1, taken on the line *x y*, in which this manner of applying the plate is shown. Fig. 4 exhibits the plate removed from the door; and Fig. 5 represents another door fitted for the reception of the lettered plate.

At Fig. 2 the center panel is shown as partly omitted, with a bar across the opening. This opening is beveled, as shown at *m d*, upon the edge of the omitted part. In the center of the bar *E* there is a hole, *o*, made, through which a rod attached to the back of the plate *a* passes, and this rod has a thread cut upon it for the reception of a nut to fasten the plate to the door. At Fig. 3 the position of the plate *a*, the rod, and the nut *n* are easily determined.

While the panel of a stove-door may be thus formed to receive the lettered plate, it may also be recessed, and a coinciding place sunk in the door for the reception of the plate; and the same arrangement of a rod and nut can be used, or two rods and nuts—one at each end of the plate—with holes in the recessed portion of the panel for the passage through of the rods, upon which the nuts could be used to secure the plate to the panel.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination of the removable name-plate *a* and the opening or recess *c*, formed in the stove-door for the reception of the plate, secured and held in place by means of nuts and bolts, substantially as shown and described.

JOSEPH C. BARNES.

Witnesses :

WM. H. VAN WORMER,  
JOHN JOSEPH COYLE.