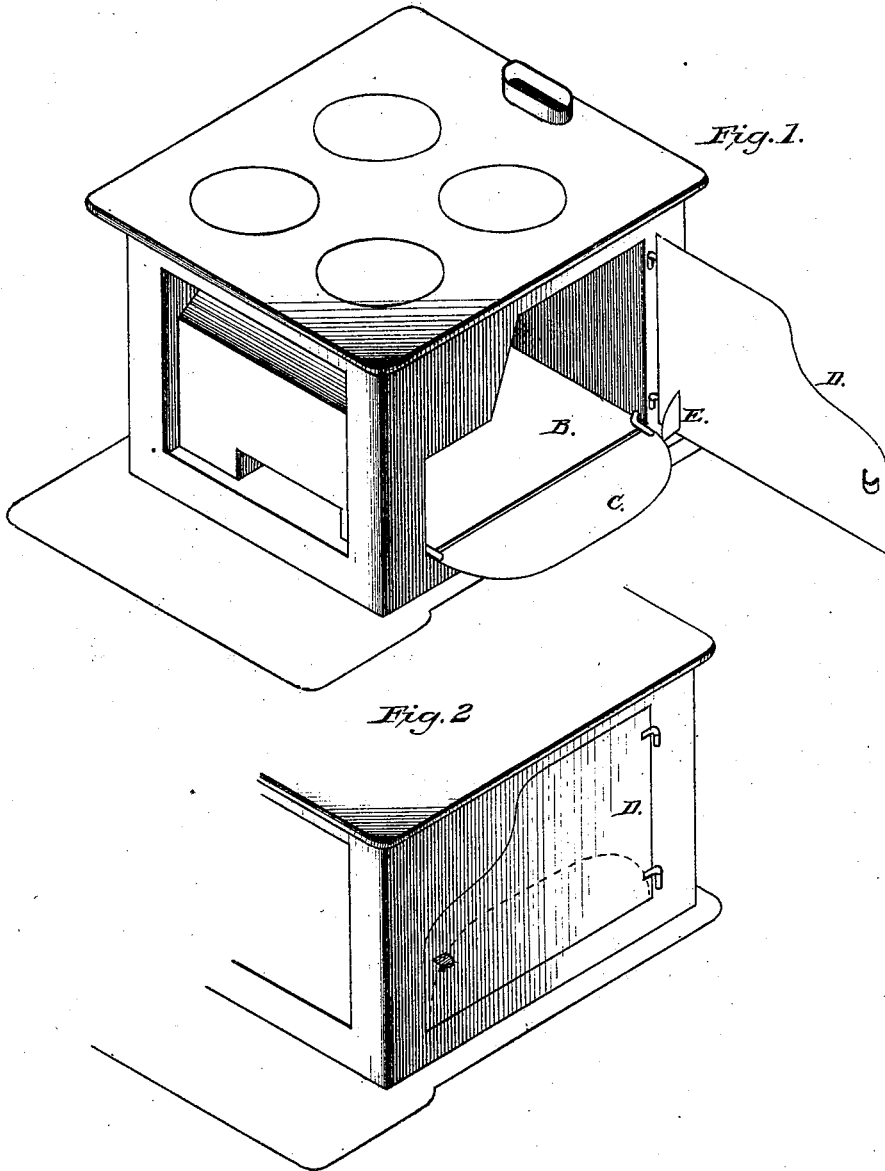


E. BUSSEY.  
COOKING STOVE.

No. 180,001.

Patented July 18, 1876.



Attest:

*Wm. H. Lamb*  
*John W. Austin*

Inventor:

*Ezek Bussey*

# UNITED STATES PATENT OFFICE.

ESEK BUSSEY, OF TROY, NEW YORK, ASSIGNOR OF ONE-HALF HIS RIGHT  
TO CHARLES A. MCLEOD, OF SAME PLACE.

## IMPROVEMENT IN COOKING-STOVES.

Specification forming part of Letters Patent No. **180,001**, dated July 18, 1876; application filed  
May 18, 1876.

*To all whom it may concern:*

Be it known that I, ESEK BUSSEY, of the city of Troy, county of Rensselaer, and State of New York, have invented an Improvement in Cooking-Stoves, of which the following is a specification:

The nature of my invention consists in the application to the oven of a cooking or other stove or range of an oven-shelf, so arranged that by the opening and closing of the door to the oven it is automatically dropped down or raised up.

In the accompanying drawings, Figure 1 represents the oven-door of a cooking-stove open, with the oven-shelf dropped down, so that the said oven-shelf is on a plane of the bottom of the oven. Fig. 2 represents the oven-door closed, the oven-shelf being raised at right angles to the oven-bottom when said door is closed.

In said drawings, A is the oven; B, bottom of oven; C, oven-shelf; D, oven-door; E, cam or projection on oven-door.

By the use of this improvement an extension is made to the bottom when the oven-door is open, so that pans or other vessels used in, or in connection with, the oven can

be drawn outside the oven, which is often found to be very necessary.

I do not claim, broadly, the oven-shelf, but merely the means shown of operating said oven-shelf automatically by opening the oven-door to lower the shelf to the plane of the bottom of the oven, and closing the oven-door to raise the oven-shelf at a right angle with bottom of the oven. Near the bottom of the oven-door I place the cam or projection E, as shown in Fig. 1, which, as the oven-door is closed, presses the under side of the oven-shelf and raises it.

What I claim, and desire to secure by Letters Patent, is—

In combination with a stove-oven, a hinged shelf, fitted to fall outward and down automatically when the oven-door is opened, and to be raised up by closing the oven-door, adapted to operate upon it for that purpose, substantially in the manner and for the purposes herein set forth.

ESEK BUSSEY.

Witnesses:

CHARLES A. MCLEOD,  
HENRY LOPE.