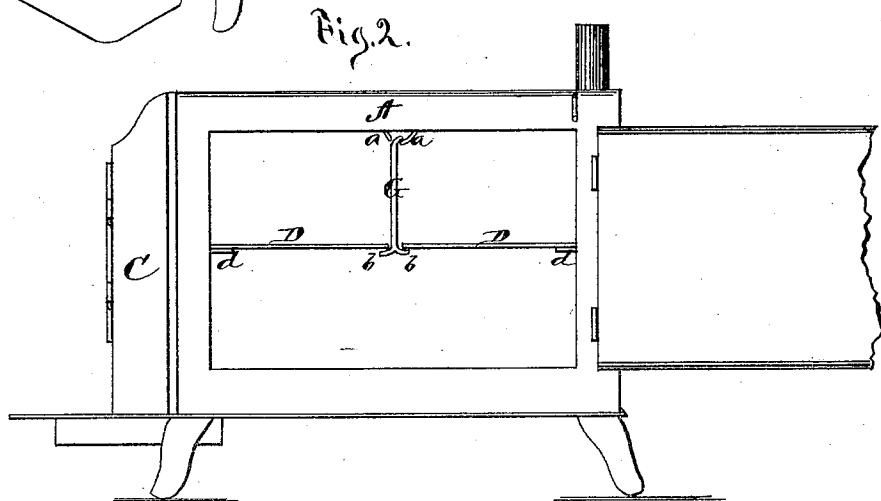
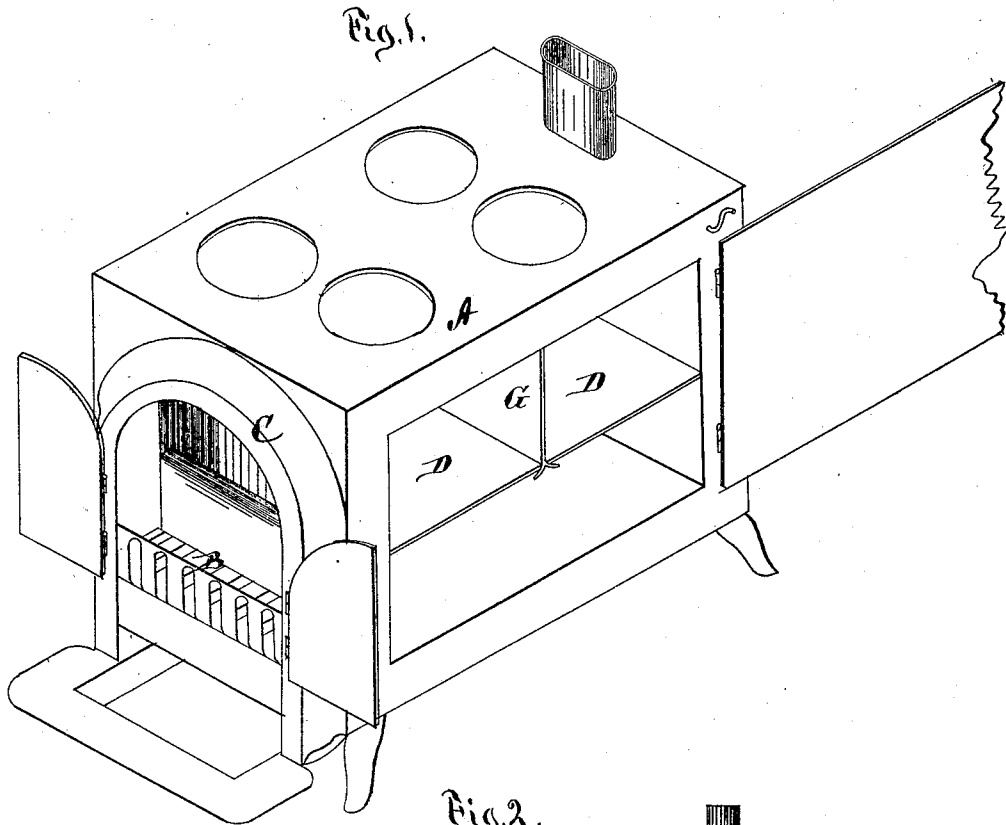


J. DUFFY.

Cooking-Stove.

No. 128,374.

Patented June 25, 1872.



Witnesses:

W. H. Newman
Chas. L. Ewert.

Inventor.

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UNITED STATES PATENT OFFICE.

JAMES DUFFY, OF QUINCY, ILLINOIS.

IMPROVEMENT IN COOKING-STOVES.

Specification forming part of Letters Patent No. 128,374, dated June 25, 1872.

To all whom it may concern:

Be it known that I, JAMES DUFFY, of Quincy, in the county of Adams and in the State of Illinois, have invented certain new and useful Improvements in Stoves; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the arrangement of the coal-grate with a "Franklin" front outside of a cooking-stove for the purpose of taking away the jog in the oven; and also in certain movable partitions in the oven, so as to throw the whole oven into one, or make it into three compartments, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view, and Fig. 2 a side view of a cooking-stove with my improvements attached.

A represents a square-top cooking-stove of the ordinary construction. In this class of stoves there is ordinarily in the oven a jog or offset at the front end for the coal-grate, which takes off a part of the oven, making it so much smaller. To obviate this, and make the oven perfectly square I arrange the grate B at the front of the stove. This grate is arranged with what is known as the "Franklin front" C on

the outside of the stove, making, as it were, an addition to the stove proper. This front may be cast with the stove—or cast separately and attached to the stove—in any suitable manner.

In the roof of the stove oven are suitable guides or catches *a a* to receive a vertical partition, G, at the lower end of which, on both sides, are projecting ears or flanges *b b*. Upon these ears or flanges, and upon similar ears *d* in the front and back of the oven, are laid plates D D, thus dividing the oven into three compartments. The plates or shelves D D and partition G can readily be removed to throw the whole oven into one whenever so desired.

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

1. The combination, with a diving-flue cooking-stove, A, of the "Franklin" front C, provided with doors and the grate B, all substantially as set forth.

2. The combination with a stove-oven provided with the catches *a a* and lugs *d d* of the movable partition G with flanges *b b* and the movable plates D D, all substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of April, 1872.

JAMES DUFFY.

Witnesses:

JOHN HUTTON,
J. H. McGRIDLEY.