

MARY T. FITCH.
Magazine Cooking Stoves.

No. 149,458.

Patented April 7, 1874.

Fig. 1.

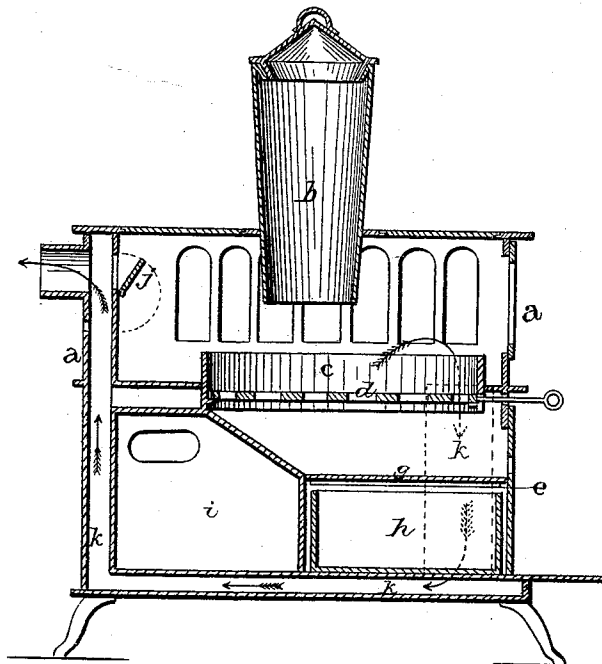
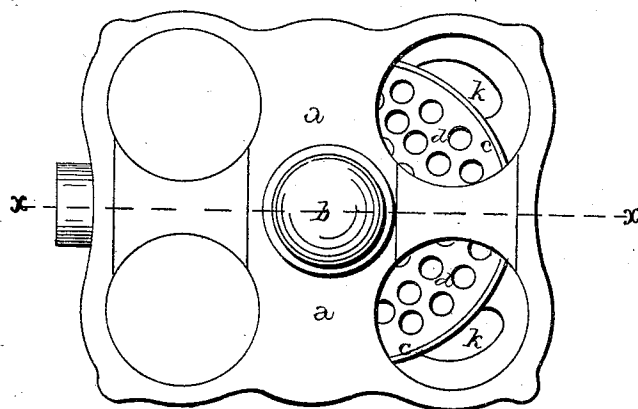


Fig. 2.



Witnesses.
W. W. J. Murphy.
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Inventor:
Mary T. Fitch
per
F. A. Lehmann
att'y.

UNITED STATES PATENT OFFICE

MARY T. FITCH, OF LOCKPORT, NEW YORK.

IMPROVEMENT IN MAGAZINE COOKING-STOVES.

Specification forming part of Letters Patent No. **149,458**, dated April 7, 1874; application filed March 17, 1874.

To all whom it may concern:

Be it known that I, MARY T. FITCH, of Lockport, in the county of Niagara and State of New York, have invented certain new and useful Improvements in Cooking-Stoves; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

The nature of my invention relates to an improvement in magazine cooking-stoves; and it consists in the arrangement and combination of parts, which will be more fully described hereafter.

The accompanying drawings represent my invention.

a represents an ordinary cooking-stove, upon the top of which, in the center, is placed a magazine, *b*, of any desired shape and construction. In the combustion-chamber, just under this magazine, is formed a circular rim, *c*, as wide across as the width of the stove will allow, and at the bottom of which is placed a grate, *d*. This rim forms the fire-pot, and prevents the coal from the magazine from spreading around too much, and, at the same time, forms a base-burning stove, giving to an ordinary cooking-stove all the advantages of a base-burner. The grate *d* may either consist of a flat perforated plate, as here shown, or of any ordinary form, and is placed at such an elevation above the bottom of the ash-pit that, by attaching suitable slides *e* to the sides and slip-

ping in the partition or plate *g*, an oven, *h*, is formed, in which articles of all kinds can be baked or kept warm, the same as in the oven *i*.

When the damper *j* is open all the heat and products of combustion pass freely up the chimney, but when it is closed the draft is changed so as to pass up over the rim, down through the diving-flues *k*, around under the two ovens, and then up the chimney.

By means of the magazine and rim an ordinary cooking-stove is given all the advantages and benefits of a regular base-burner; and by forming an oven in the ash-pit, the stove is provided with two independent and separate ovens, either or both of which can be used together or separately, as circumstances may require.

I am aware that two separate and independent ovens in the same stove is not new, and that an oven located under the ash-pit of itself is not new, and do not claim such.

Having thus described my invention, I claim—

In a cooking-stove, the combination of the magazine *b*, rim *c*, slides *e*, plate *g*, ovens *h* *i*, and diving-flues *k*, whereby a base-burning cook-stove with two independent ovens is formed, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 13th day of March, 1874.

MRS. MARY T. FITCH.

Witnesses:

W. L. GANTT,
F. S. WAKEMAN.