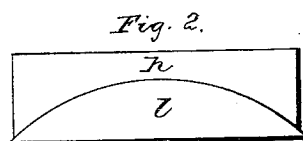
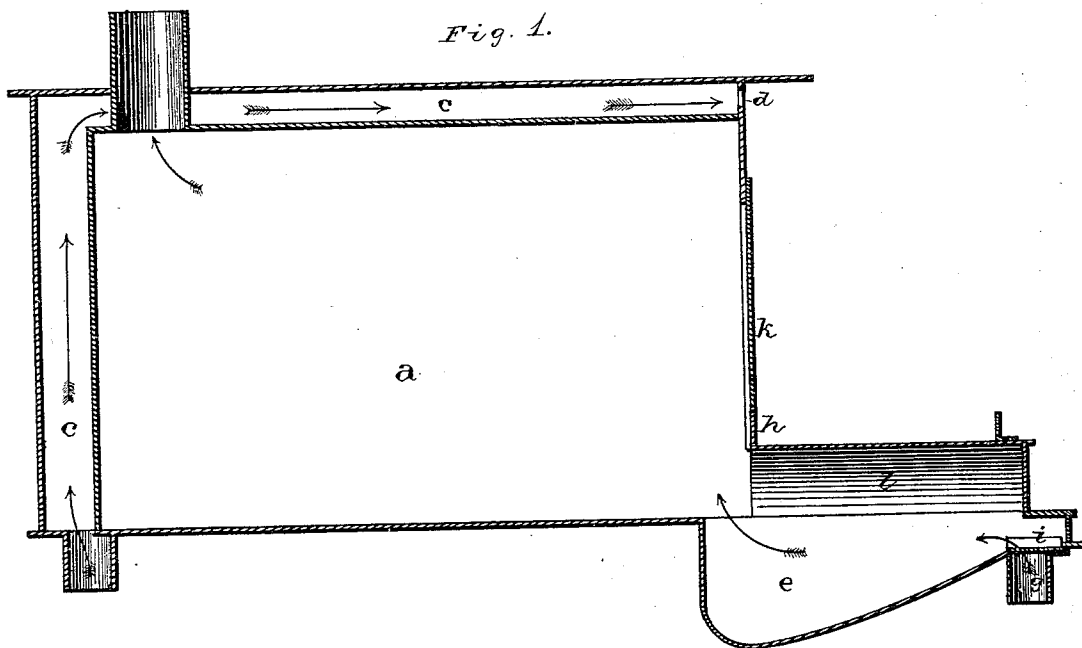


E. A. OSBORNE.
Stoves.

No. 148,975.

Patented March 24, 1874.



WITNESSES.

J. W. Garner.
Edw. Haist.

INVENTOR.

E. A. Osborne
per
T. A. Lehmann, Atty.

UNITED STATES PATENT OFFICE

EDWIN A. OSBORNE, OF CHARLOTTE, NORTH CAROLINA.

IMPROVEMENT IN STOVES.

Specification forming part of Letters Patent No. 148,975, dated March 24, 1874; application filed March 9, 1874.

To all whom it may concern:

Be it known that I, EDWIN A. OSBORNE, of Charlotte, in the county of Mecklenburg and State of North Carolina, have invented certain new and useful Improvements in 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 heating-stoves; and it consists in having the entire draft pass through the ash-pit, and providing the pit with a cover, which has a flange formed upon its inner end, as will be more fully described hereafter.

The accompanying drawings represent my invention.

a represents an ordinary stove. Passing up the rear end of this stove, and forward over the entire top, is a flue, *c*, which is as wide as the stove, and which discharges its heated air in the room through the register *d*. The mouth of this flue extends down below the bottom of the stove, near to the floor, so as to suck up the foul air which enters there, and sends it back into the room again in a purified state; or, if it is preferred, a pipe may connect with the end of the flue, extending without the room for the admission of fresh

air, which will be heated in its passage into the room. The ash-pit *e* may either be of the shape shown or any other that may be desired, and is provided with a draft hole or pipe, *g*, and a damper, *i*. The cover *l* of this ash-pit is made convex to give a freer passage to the air, and it has a flange, *h*, formed upon its inner end, of sufficient width to reach up to the lower edge of the door *k*, which is placed higher above the ash-pit than usual.

By having the draft through the ash-pit, and by means of the flange on the end of the curved lid, there will always be a sufficient draft, when the stove-door is open, to support a gentle combustion and prevent the fire from dying out, and the sudden cooling of the room, which otherwise would be the case.

Having thus described my invention, I claim—

The combination of the ash-pit *e*, pipe or opening *g*, provided with a damper, and the cover *l*, having the flange *h* formed on its inner end, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 2d day of March, 1874.

EDWIN A. OSBORNE.

Witnesses:

I. N. CALDWELL,
S. J. THOMPSON.