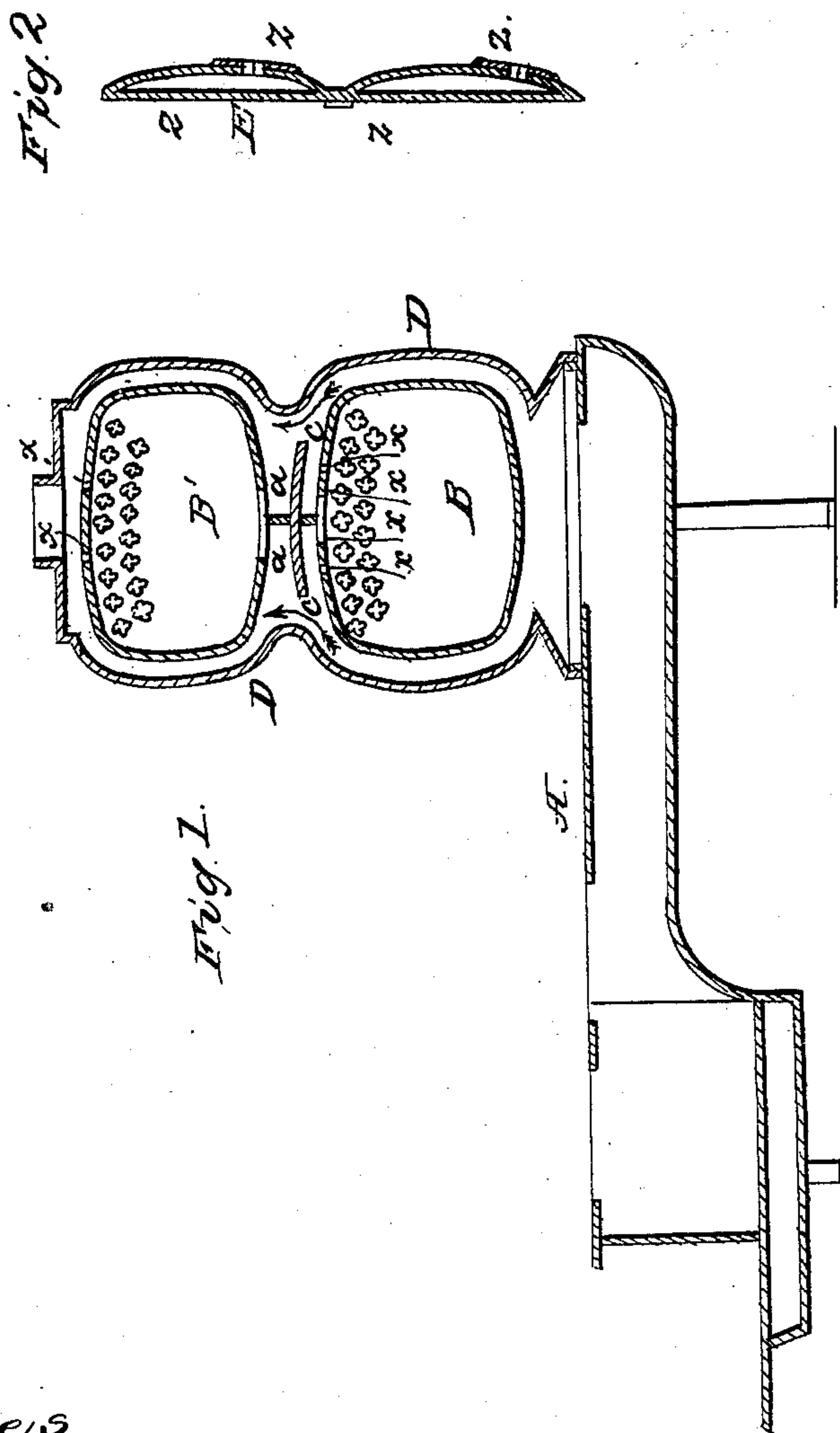


J. G. TREADWELL.
Cooking Stove.

No. 34,322.

Patented Feb. 4, 1862.



witnesses
W. C. M. Alexander
A. A. Yeatman

Inventor
J. G. Treadwell

UNITED STATES PATENT OFFICE.

JOHN G. TREADWELL, OF ALBANY, NEW YORK.

IMPROVEMENT IN COOK-STOVES.

Specification forming part of Letters Patent No. 34,322, dated February 4, 1862.

To all whom it may concern:

Be it known that I, JOHN G. TREADWELL, of Albany, in the State of New York, have invented certain new and useful Improvements in Stoves; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, making part of this specification, A represents the body of the stove, which is made somewhat in the shape represented and in any of the known and usual ways. Upon the rear of this body are situated the ovens B B', one above the other, as is seen.

D represents the casing around the ovens, the ovens being sufficiently smaller than the casing to allow of a free draft between at front and back from bottom to top.

a represents a division-plate which extends from the top of the lower oven to the bottom of the upper one for the purpose of keeping separate the front current from the back current of hot air until they reach a point above the upper oven.

c represents a plate situated between the two ovens and extending out on both sides of the plate a for protecting the ventilating-openings x x in the top of the lower oven.

The doors E of the ovens are made hollow, as seen, Fig. 2, and are provided with openings z z at the bottom of the outside plate and at the top of the inside plate for the purpose of allowing air to pass up through the hot doors for properly ventilating the inside of the oven. The air after passing into the ovens is allowed egress through the openings in the top at x x.

Having thus fully described my invention, what I claim is—

1. The employment of the plate a in connection with the ovens B B, arranged as set forth, whereby two separate drafts of air are formed, one upon each side of the ovens, for equalizing the heat, substantially as above set forth.

2. The combination of the doors, constructed as described, with the openings x x in the tops of the ovens, and with the plate c, whereby a direct draft is opened with the smoke-flue, and said draft is protected, as is herein set forth.

In witness that I claim the foregoing I have hereunto set my name in the presence of witnesses.

JNO. G. TREADWELL.

Witnesses:

C. M. ALEXANDER,
A. A. YEATMAN.