

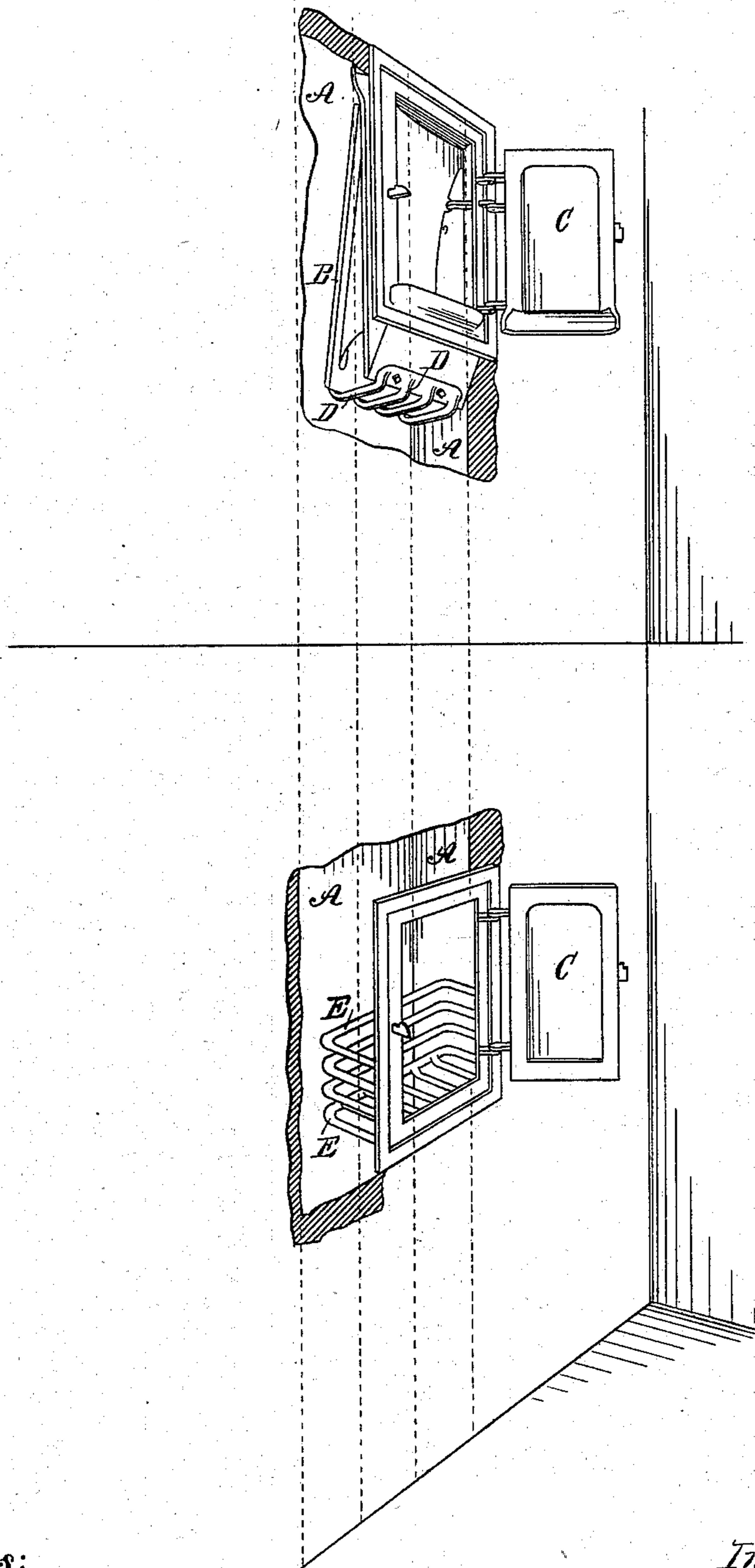
(No Model.)

G. A. FISHER.

ASH CHUTE FOR BUILDINGS.

No. 249,604.

Patented Nov. 15, 1881.



Witnesses;
C. C. Perkins.
Boyd Eliot

Inventor;
George A. Fisher

UNITED STATES PATENT OFFICE.

GEORGE A. FISHER, OF NEW YORK, ASSIGNOR TO ABENDROTH BROTHERS,
OF PORT CHESTER, N. Y.

ASH-CHUTE FOR BUILDINGS.

SPECIFICATION forming part of Letters Patent No. 249,604, dated November 15, 1881.

Application filed May 21, 1881. (No model.)

To all whom it may concern:

Be it known that I, GEORGE A. FISHER, of the city, county, and State of New York, have invented certain new and useful Improvements
5 in Ash-Chutes for Buildings, of which the following is a specification.

This invention pertains to a certain improvement on an ash-chute for which Letters Patent were granted December 30, 1879, to
10 William P. Abendroth and Jacob Marsereau, in which a valve and the door are so combined that upon opening the door the valve is thrown back, as represented in the accompanying drawing, which shows a door and a valve open,
15 ready to receive the ashes from a scuttle.

This improvement consists in providing a guard or grating at the bottom of the valve or opening into the flue when the valve is thrown back, if any be used, to prevent careless persons from throwing tin cans, boxes, &c., into
20 the flue, which may drop on the backs of the valves below and clog them or the flue.

In the drawing the flue is represented at A with openings in it corresponding to the floors
25 of the apartments. The upper opening is shown provided with a valve or hood, as at B, pivoted at the top, and so connected with the shutter or door at C that when it is opened the lower end of the valve is forced back to open a space
30 for the ashes to be dumped into the flue. At the lower part of the opening a grate or screen, as at D, is fastened to project out as far as the

valve may be opened, and thus nothing can be thrown down the flue that will not pass through the grating. If, however, the valve
35 be dispensed with and an opening and door only be used, then the grating or screen may be used of the form shown at E in the lower opening shown in the drawing.

This screen is similar to any ordinary fire-
40 grate for burning coal, only that it is reversed and suspended on the inside by suitable fastenings in the inner face of the flue, so that when the ashes are dumped into it it will catch
45 all such articles as cannot pass through its spaces, and thereby prevent careless or designing persons from clogging the flue.

Of course other forms of screens may be used; but either of these forms answers the
50 purpose practically and at the same time leaves an open space back of it for the ashes, from openings above, to fall through the flue.

I therefore claim—

In combination with the opening of an ash-chute, a guard or screen to catch such articles
55 as will tend to clog the flue, substantially as hereinbefore set forth.

In witness whereof I have hereunto subscribed my name and affixed my seal in the presence of two subscribing witnesses.

GEORGE A. FISHER. [L. S.]

Witnesses:

EUGENE N. ELIOT,
BOYD ELIOT.