

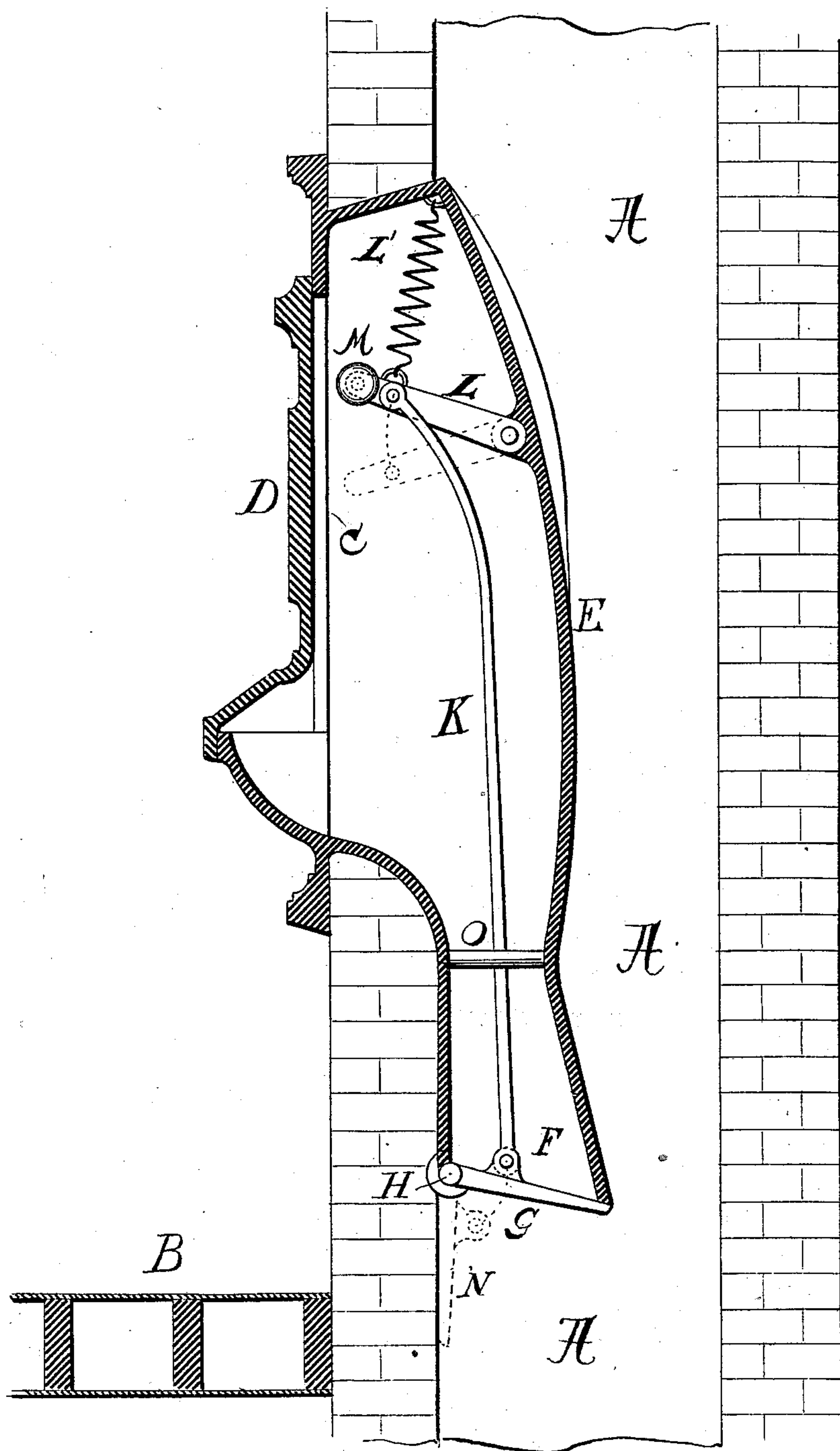
(No Model.)

G. A. FISHER.

ASH CHUTE.

No. 273,499.

Patented Mar. 6, 1883.



Witnesses:
Jno. W. Stockett,
J. G. Hinkel

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.

SPECIFICATION forming part of Letters Patent No. 273,499, dated March 6, 1883.

Application filed November 3, 1882. (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 in Ash-Chutes for Buildings, of which the following is a specification.

This invention pertains to that class of devices known as "ash-chutes" for apartment houses, where the parties on one floor may empty their ashes into a flue without disturbing the others on other floors; and the invention consists in combining a pocket or receiver with a hood or shield concealing the opening from the apartment into the flue, and with a valve, in such a manner that when the ashes are first emptied into the chute they are held in the said pocket until the valve or bottom is opened, and thus they become a sealing agent to the openings around the valve, as will hereinafter appear.

In the drawing, A is the flue, and B a portion of the floor of one of the apartments, and C is the door from the apartment into the chute, and through which the ashes are to be dumped.

D is the shutter or cover to said door or opening, and is a simple cover hung on hinges and fastened with a latch, or in other convenient manner.

E is the shield or hood over the opening, to prevent the ashes entering from other apartments while falling into or being forced below, and it is of the full width of the opening, and is joined with the brick-work to be a fixture in the flue; but at the lower end of said shield is formed a pocket, F, closed at the bottom by a flap-valve, G, pivoted at H at one edge, and supported by a rod, K, which

extends up to a lever, L, held by a spring or other mechanism, L', which will support the valve when properly constructed and hold it against the charge of ashes resting upon it; but when forced down by pressing upon a knob at M the bottom of the pocket will be opened, as represented by the dotted outline at N, and the ashes will be dropped into the flue.

At O are bars like grating placed across the upper portion of the pocket, to prevent dropping anything into the opening that cannot pass down the chute, and thereby prevent the clogging of the flue.

It will be observed that the lower portion of the pocket is made flaring or wider, so that it will prevent clogging, and will readily permit the descent of the ashes, and it will be further seen that, owing to the location of the pocket below the sill of the opening into the flue, there will not be any tendency of the ashes to rise into the opening before it can be closed, or even without the closing of the doors.

I therefore claim—

1. The combination of a pocket or receiver with the hood or shield of an ash-chute, said pocket being closed by a valve, as hereinbefore set forth.

2. The combination of the pocket, the valve, the hood or shield, the operating rod or handle for the valve, and the spring for closing the valve, 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,
HARRY EDWARDS.