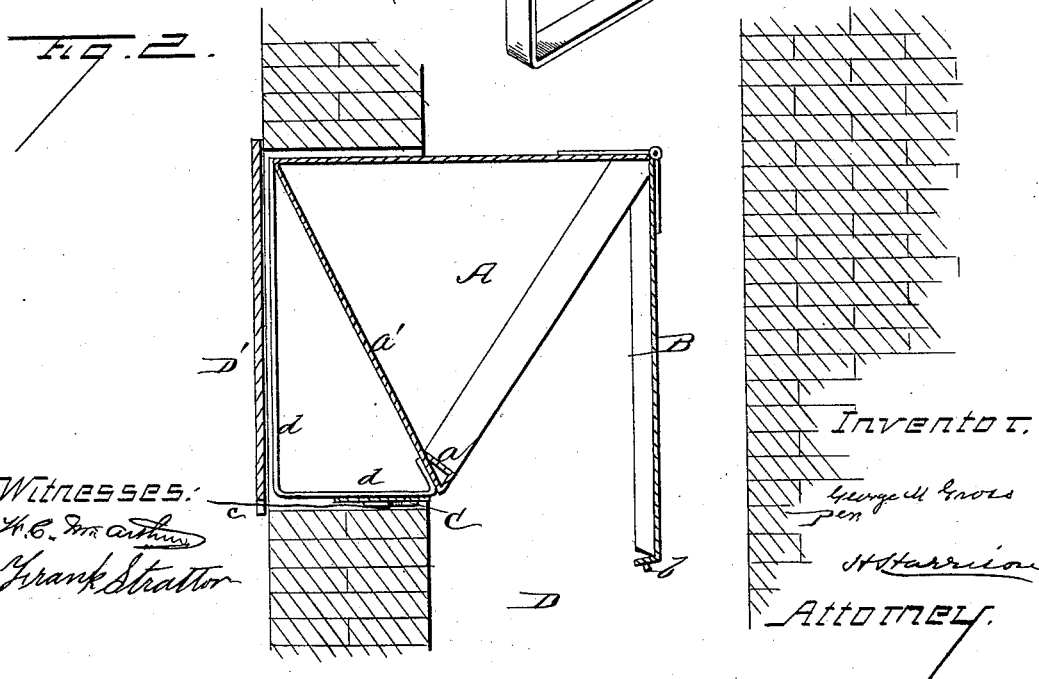
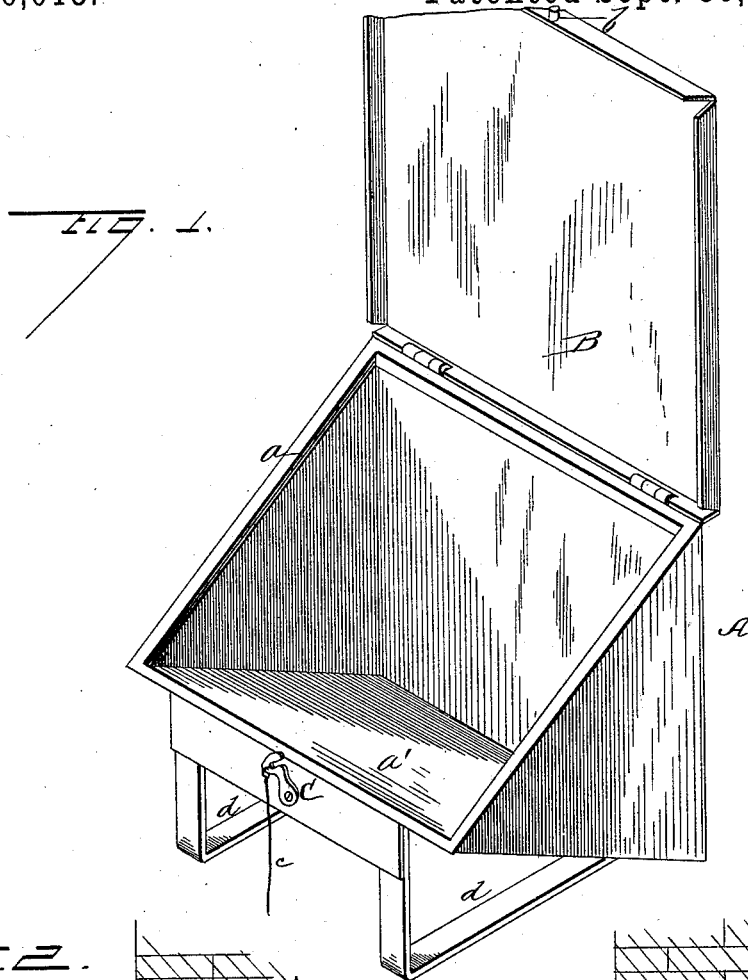


(No Model.)

G. M. GROSS.  
ASH HOLDER AND DUMPER.

No. 306,013.

Patented Sept. 30, 1884.



WITNESSES:

H. C. *For Arthur*  
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INVENTOR.

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per

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ATTORNEY.

# UNITED STATES PATENT OFFICE.

GEORGE M. GROSS, OF CHICAGO, ILLINOIS.

## ASH HOLDER AND DUMPER.

SPECIFICATION forming part of Letters Patent No. 306,013, dated September 30, 1884.

Application filed June 5, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE M. GROSS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Ash Holders and Dumpers, of which the following is a specification, to wit:

This invention relates to an improvement in ash receivers and dumpers; and it consists in certain peculiarities of the construction and operation of the same, substantially as will be hereinafter more fully set forth and claimed.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the accompanying drawings, in which—

Figure 1 is a perspective view of my invention in position for receiving ashes, and Fig. 2 is a sectional view of the same in the act of dumping.

A represents the main body of my ash-holder, formed of sheet metal, having its upper edges bent back upon itself in triangular form, as in Fig. 2, at *a*, to strengthen it and prevent any ashes from lodging upon it in dumping. The bottom *a'* is formed upon an incline, and the device provided with a hinged lid or cover, B, provided on its forward edge with a stud or pin, *b*, with which engages a hook-catch, C. This catch is provided with a cord or wire, *c*, to trip it at the proper time for dumping it. Upon the under side of the receiver are secured two angular or L-shaped feet or supports, *d d*, which serve to hold the device upright when it is placed upon the floor, as in Fig. 1.

This device is especially intended for use in houses which are built with ash chutes or shafts from the upper floors to the ground. As represented in Fig. 2, these ash-shafts D are built into the wall of the house similarly to chimneys, and are at each floor provided with doors D', through which ashes are dumped into the shaft. Much annoyance is always felt in such arrangements by the dust flying into the room during the time the doors are open for dumping the ashes, and it is to obviate this that the present invention was devised. The receiver A is formed of such size

as to readily enter the door to the shaft, and is filled with ashes by being set upon the floor in the position shown by Fig. 1. When it is desired to empty the ashes, the cover is turned down and secured by the hook or catch C. The receiver is then carried to the shaft and placed in the doorway turned upon its forward face, as in Fig. 2, the string or wire being led outside and the door closed. The string is then pulled to draw back the catch, and the weight of the contents upon the cover forces it open and dumps the ashes into the shaft without any of the consequent dust being able to enter the room. The bottom and front being in one piece upon an incline, all the contents are readily emptied, as is evident from the drawings, the device being always so constructed relative to the thickness of the wall as to bring the edge of the inclined bottom and front within the shaft, as shown.

The device is here shown as made of sheet metal; but it will in practice be constructed of any material found most suitable for the purpose.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. An ash-receiver formed with an inclined bottom and front in one, and provided with a hinged cover, and a securing-catch having a cord or wire for tripping it when the receiver is turned upon its face, substantially as and for the purpose set forth.

2. An ash-receiver for use in buildings having dumping-shafts communicating with the various floors, formed to fit the opening in the shaft, with an inclined bottom, and a hinged cover, also closing upon an incline, in combination with L-shaped legs secured to the receiver and adapted to support it either upright or upon its forward side, and a securing-latch having a tripping cord or wire, substantially as and for the purpose herein specified.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE M. GROSS,

Witnesses:

W. C. MCARTHUR,  
FRANK STRATTON,