

(No Model.)

E. A. JACKSON.
SELF CLOSING ASH PAN.

No. 347,351.

Patented Aug. 17, 1886.

Fig. 1.

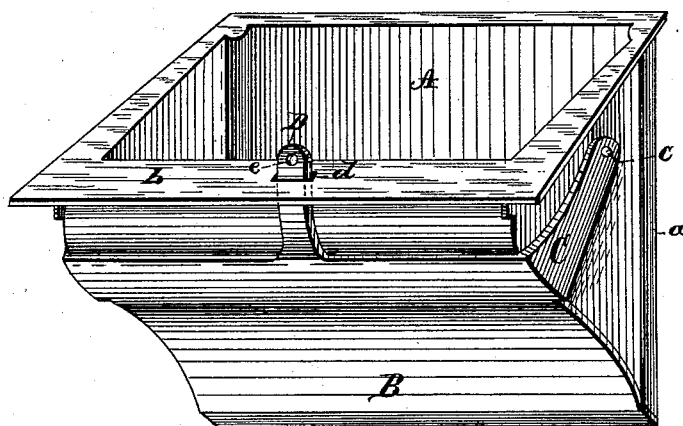


Fig. 2.

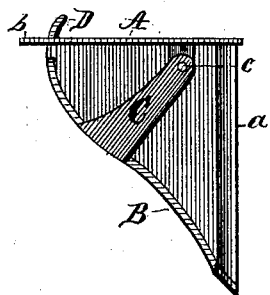
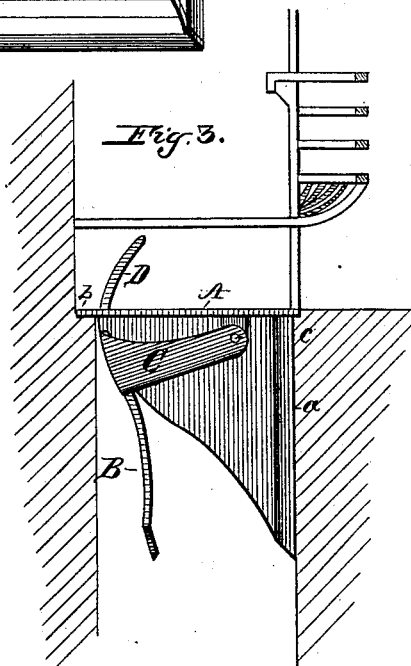


Fig. 3.



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SELF-CLOSING ASH-PAN.

SPECIFICATION forming part of Letters Patent No. 347,351, dated August 17, 1886.

Application filed March 30, 1886. Serial No. 197,195. (No model.)

To all whom it may concern:

Be it known that I, EDWIN A. JACKSON, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Self-Closing Ash-Pans; and I do 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My present invention has for its object to provide an improved self-closing ash-pan which is adapted to be adjusted in the mouth of an ash-pit, preferably located in the hearth beneath the fire-box of a grate or stove, whereby the operation of dumping the ashes is accomplished without liability of the dust being distributed about the room; and my improved device consists, essentially, of a metallic frame or receptacle provided with an inclined self-closing bottom, which is hinged or pivoted to the ends of said frame or receptacle, and adapted to be opened by means of an upwardly-projecting tongue, all as will be hereinafter fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of my improved device; Fig. 2, an end view of the same with the inclined bottom in a closed position, and Fig. 3 a similar view with the inclined bottom in an open position placed in an ash-chute under the grate.

Similar letters of reference occurring on the several figures indicate like parts.

Referring to the drawings, A represents a metallic frame or receptacle, preferably rectangular in shape and open at both top and bottom, the rear lower ends and side being cut upon an inclined curve or angle terminating at the bottom of the front vertical wall or side, *a*, as fully shown in the drawings. The inclined bottom B is formed so as to accurately and closely fit the angle or inclination of the rear lower parts of the said frame or receptacle, and is hinged or pivoted in such rela-

tion thereto as to closely impinge upon the bottom opening of said frame or receptacle at all times, except when lifted to discharge the ashes into the pit beneath.

The frame or receptacle, A, is provided with a projecting flange, *b*, extending entirely around the upper part of the same, and which is adapted to rest over the edges of the ash-pit beneath the fire-box to hold the frame in position thereon.

The inclined bottom B is preferably provided at each end with projections or hinges C, arranged at right angles to said bottom, and adapted to overlap upon the ends of the frame or receptacle A, to which they are connected by pivots *c*, at points over the central line, so as to insure of the inclined bottom swinging forward into close contact with the opening in the bottom of the frame or receptacle.

At the rear upper and central portion of the inclined bottom B, and preferably formed integral therewith, is provided a curved tongue or projection, D, the upper end of which passes through a slot, *d*, in the rear projecting flange of the frame A, a suitable opening, *e*, being provided in the upper end of said tongue or projection for the insertion of the end of a poker therein to draw the tongue or projection upwardly to throw open the inclined bottom B to discharge the ashes into the pit or chute below, the inclined bottom immediately swinging back to a closed position when the poker is withdrawn.

I do not confine myself to the general shape and dimensions of the frame or receptacle A, or that of the inclined bottom B, as shown, as it is obvious that various changes or modifications of the same may be made without departing from the spirit of my invention, and such changes or modifications are hereby contemplated by me.

Having thus described my invention, what I claim as new and useful is—

1. The ash-pan herein described, having its bottom pivoted to the sides of the pan, and means, as described, for throwing said bottom out of contact with said pan, and said bottom adapted to close by gravity, as set forth.

2. The combination, with the receptacle A,

having flange *b*, provided with slot *d*, of the
bottom *B*, having arms *C*, pivoted to said re-
ceptacle, and the curved tongue *D*, adapted
to slide in said slot and having the perforation
5 *e*, whereby said bottom is thrown out of con-
tact with said receptacle, as shown and de-
scribed, for the purpose set forth.

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

EDWIN A. JACKSON.

Witnesses:

WM. M. JACKSON,
S. K. J. THOMPSON.