

A. SINGELYN.

ASH PAN.

APPLICATION FILED JULY 29, 1909.

950,964.

Patented Mar. 1, 1910.

Fig. 1.

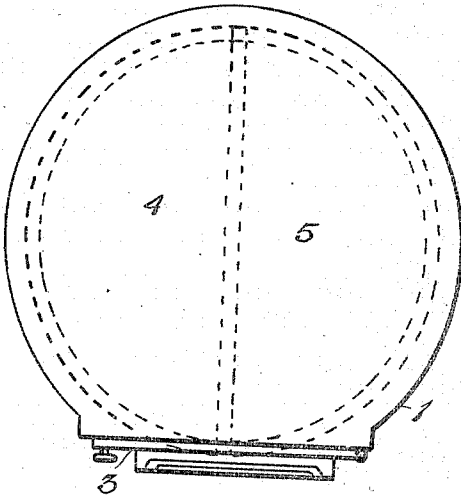


Fig. 2.

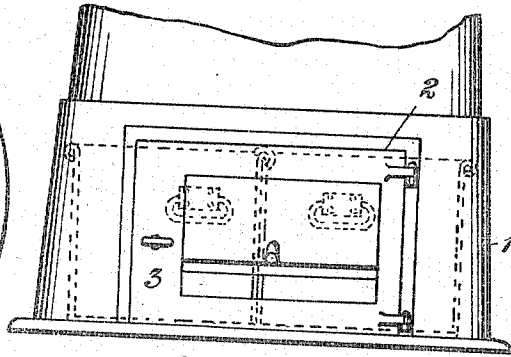


Fig. 3.

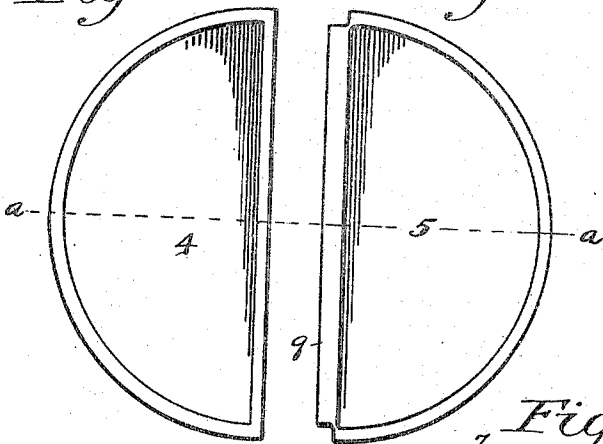
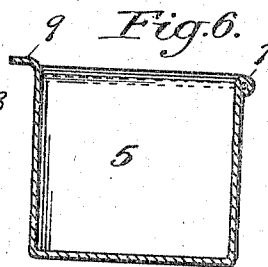
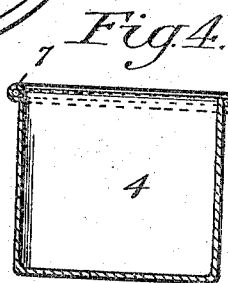


Fig. 5.



WITNESSES.

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ASH-PAN.

950,964.

Specification of Letters Patent.

Patented Mar. 1, 1910.

Application filed July 29, 1909. Serial No. 510,319.

To all whom it may concern:

Be it known that I, ADOLPH SINGELYN, citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Ash-Pans, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to ash pans for furnaces.

It has for its object an improved ash pan used with a furnace in which the ash pit is of larger diameter than the distance across the door space.

In the drawings:—Figure 1, is a plan view showing the ash pan in place in the pit. Fig. 2, is an elevation indicating the location of the ash pan in the pit. Fig. 3, is a plan view of one-half of a circular ash pan. Fig. 4, is a section on the line *a—*a**, which extends through both Figs. 3 and 5, of one-half of the ash pan. Fig. 5, is a plan view of the portion of a separable ash pan complementary to the portion illustrated in Fig. 3. Fig. 6, is a section on the line *a—*a** of Fig. 5 of the supplemental part of the ash pan.

This ash pan is made to be used with a furnace in which the breadth of the ash pit is broader than the distance across the door opening.

1 indicates the walls of the ash pit of the furnace.

2 indicates frame of the door opening.

3 indicates the door. The pit broadens within the door and is fitted with an ash pan 4 and 5 made in sections, the section 4 filling one part of the pit and the section 5 filling the remainder of the pit; the upper edge of the pan or section 4 is strengthened with a bead and preferably with an inserted wire

7 which extends entirely around the section and the upper edge of the section 5 is also strengthened with a bead and wire about its top which extends partly around the section and the section 5 is provided with an overhanging guard 9 that covers any possible opening between the two sections when in place in the pit, and prevents ashes from dropping into the opening between the two sections of the pan. A section of the ash pan may be withdrawn from the pit through the outer opening and this may be followed by the withdrawal of the second section of the pan which may be necessary to completely fill the space of the ash pit. In order, however, that either the withdrawal or the insertion of the sections of the pan may take place, the pans must be so shifted on their vertical axis that the line of division between them will be diagonal with respect to the door opening, in such condition that one of the sections which lies most completely to the front of the ash pit may be withdrawn through the door opening, after which that one of the sections which lies most completely to the rear is again shifted slightly and drawn through the opening.

What I claim is:—

A circular ash pan made in sections, each of which sections is provided with one arcuate boundary and one straight boundary, the straight boundary of one of said sections being provided with an overlapping flange, and the straight boundary of the other section being provided with a bead adapted to underlie the overlapping flange, substantially as described.

In testimony whereof, I sign this specification in the presence of two witnesses.

ADOLPH SINGELYN.

Witnesses:

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