

(No Model.)

P. QUEENAN.
SOOT PAN.

No. 462,735.

Patented Nov. 10, 1891.

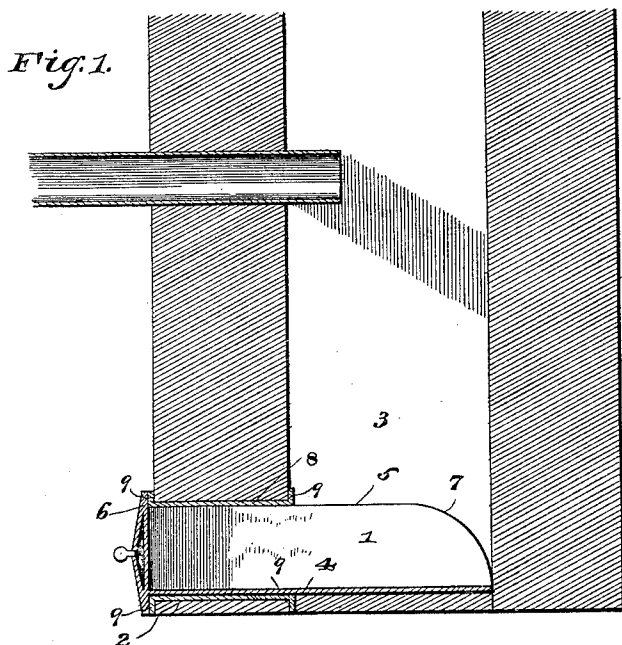


Fig. 2.

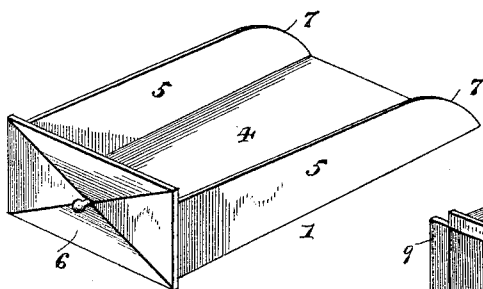
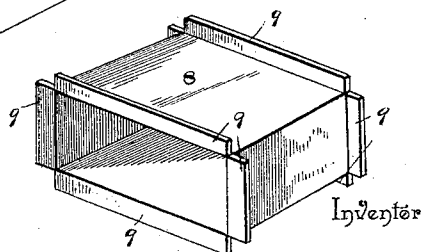


Fig. 3.



Witnesses

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SOOT-PAN.

SPECIFICATION forming part of Letters Patent No. 462,735, dated November 10, 1891.

Application filed January 17, 1891. Serial No. 378,177. (No model.)

To all whom it may concern:

Be it known that I, PATRICK QUEENAN, a citizen of the United States, residing at Oklahoma city, in the county of Oklahoma and Territory of Oklahoma, have invented and produced a new and original Soot-Pan, of which the following is a specification, reference being had to the accompanying drawings, forming part thereof.

The invention relates to improvements in soot-pans.

The object of the present invention is to provide for chimneys and flues constructed of brick and masonry a soot-pan adapted to be placed in a chimney or flue to catch the soot falling therein and capable of enabling the soot to be readily removed without spilling the same.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and particularly pointed out in the appended claim.

In the drawings, Figure 1 is a vertical sectional view of a flue provided with a soot-pan constructed in accordance with this invention. Fig. 2 is a perspective view of the pan. Fig. 3 is a similar view of the thimble.

Referring to the accompanying drawings, 1 designates a soot-pan constructed of sheet metal and adapted to be placed in a horizontal opening 2 of a chimney or flue 3 to catch soot falling therein and to enable the same to be readily removed. The pan is constructed of sheet metal and is composed of a bottom 4, sides 5, and a front 6, the rear or inner end of the pan being open and the rear or inner ends 7 of the sides being beveled. The front or outer face 6 of the pan is enlarged

and is greater than a cross-section of the pan, so as to cover the opening 2 of the chimney or flue. The opening 2 is rectangular, and a rectangular thimble 8 is arranged in the opening and is constructed of sheet metal and fits snugly around the pan and prevents an excess of soot being carried out by the pan and spilling upon the floor. The thimble 8 is slightly wider than the thickness of the chimney or flue 3 and has its end edges 9 bent upward against the inner and outer faces of the flue or chimney, whereby the thimble is secured in place. An aperture or opening can be made in a chimney or flue after the same has been erected, and the thimble can be inserted and readily secured in place by bending the end edges against the chimney or flue.

When it is desired to remove the soot, the pan may be withdrawn and emptied, and if it has been neglected and a large amount has accumulated it is only necessary to insert and withdraw the pan a sufficient number of times.

The pan, while in place, entirely fills and covers the aperture, so that no soot or ashes can escape, and when it is removed nothing except what is brought out in it is carried along.

What I claim is—

A soot-pan composed of a bottom, parallel sides, and an enlarged front, and having its rear or inner end open, combined with the rectangular thimble snugly fitting the pan, substantially as described.

PATRICK QUEENAN.

Witnesses:

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