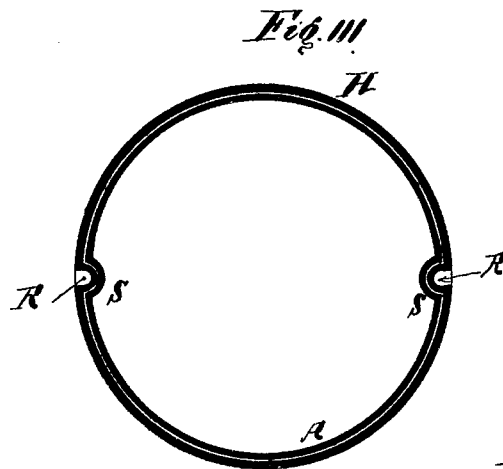
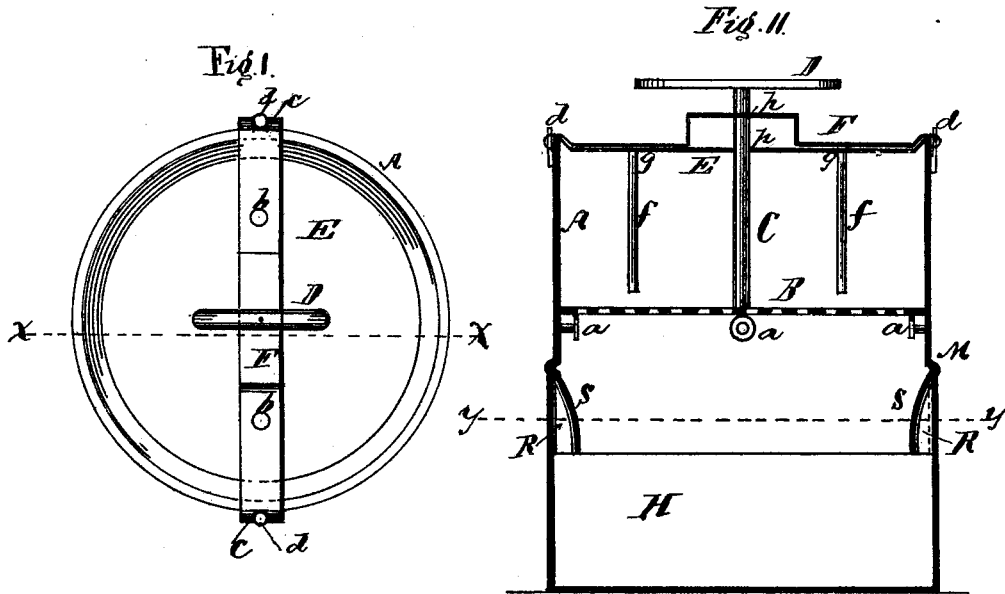


P. W. PECKHAM.

ASH-SIFTER.

No. 185,573.

Patented Dec. 19, 1876.



Witnesses:
J. A. Barritt.
Richard Serner.

Inventor:
Peter W. Peckham.
Per Henry Serner,
Atty.

UNITED STATES PATENT OFFICE.

PETER W. PECKHAM, OF NEW YORK, N. Y., ASSIGNOR TO SUSAN L. AND CLARA N. STAVERS, OF EXETER, NEW HAMPSHIRE.

IMPROVEMENT IN ASH-SIFTERS.

Specification forming part of Letters Patent No. 185,573, dated December 19, 1876; application filed September 22, 1876.

To all whom it may concern:

Be it known that I, PETER W. PECKHAM, of New York city, county, and State of New York, have invented new and useful Improvements in Combined Ash Sifter and Receptacle; and I declare the following to be a full and clear description of the same, which will enable others to make and use my improved combined ash sifter and receptacle.

My invention relates to an improved cover for ash-sifters, by aid of which the sifter is held firmly and in the required position in the coal-receiver in which it is placed, and which also serves to stir up the coal, so that the ashes are more readily separated.

My invention also relates to an improved mode of holding the ash-receptacle to the coal-receiver, so as to prevent its turning in the joints when the coal-sifter is revolved.

In order to describe my invention more fully, I refer to the accompanying drawing, forming a part of this specification.

Figure I is a top view of my combined ash sifter and receptacle. Fig. II is a sectional view through line *xx*, Fig. I. Fig. III is a plan sectional view on line *yy*, Fig. II.

A is a cylindrical vessel or the coal-receiver, in which the rivets *aa* are placed, on which the perforated disk or ash-sifter B rests when revolved by the rod C, with handle D. E is the cover for the vessel A, and provided with the cross-bar F, riveted to the cover at *bb*. *cc* are slots in the ends of said bar, into which fit the pins *dd*, fastened to the sides of the vessel A, thus preventing the cover from revolving or being separated from the vessel A. *ff* are two iron bars or rods riveted at *g* to the inside of the cover E.

When the coal is placed upon the perforated disk B, and the handle D is revolved, these bars *ff* serve to stir up the coal, and thus materially assist in separating the ashes and the dust from the coal, as well as to break up the cinders. *p* is a hole in the top of the cross-bar F and the cover E, in which the rod C is placed. H is the ash-receptacle. In the sides, at and near the top, are made two or more indentures or corrugations, R R. In the bottom part of the coal-receiver A are similar indentures S S, made corresponding in size and position to the before-mentioned corrugations in the ash-receptacle. At the top of the corrugations S S is a rim, M, resting on the top of the vessel H, and as the corrugations R R fit into the corrugations S S, it will be readily understood that the vessel A cannot be turned in the vessel H.

Having thus described my invention, I desire to claim—

1. The cover E, with cross-bar F and rods *ff*, in combination with the vessel A, the ash-sifter B, rod C, with handle D, substantially as described, and for the purpose set forth.

2. The corrugations or indentures R R and S S, in combination with the vessel A, with rim M, and the vessel H, substantially as described, and for the purpose set forth.

This specification signed this 3d day of August, 1876.

P. W. PECKHAM.

Witnesses:

RICHARD GERNER,
ANTON C. CRONDAL.