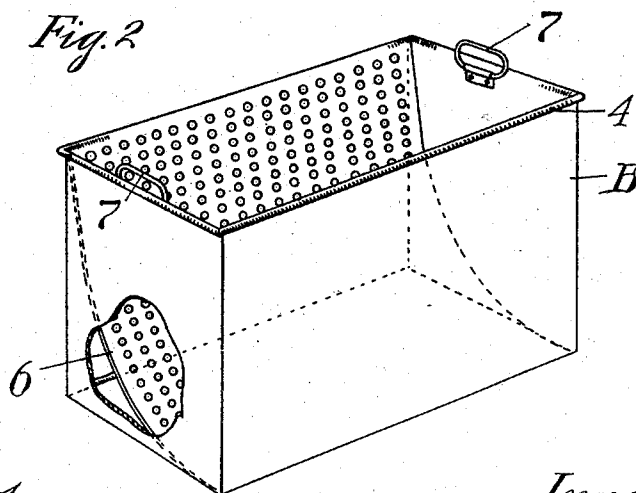
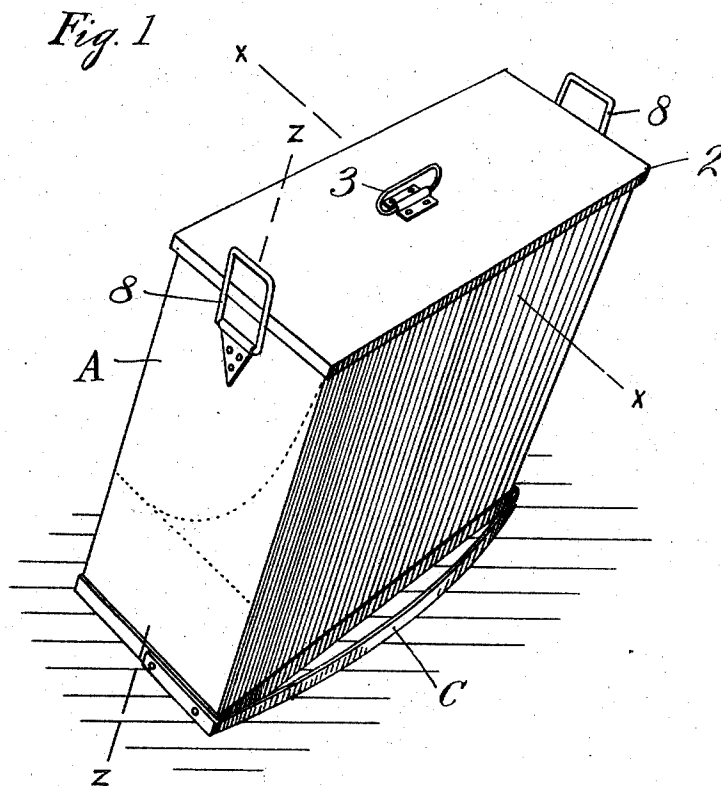


R. & P. J. BROWNSON.
ASH SIFTER.
APPLICATION FILED SEPT. 29, 1908.

965,797.

Patented July 26, 1910.

2 SHEETS—SHEET 1.



Witnesses,
George Voelker
Harry Smith

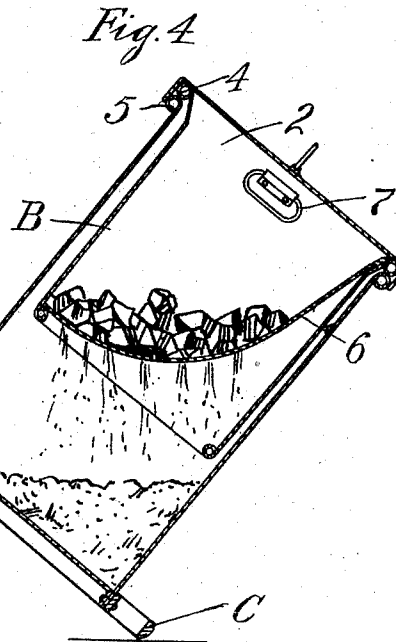
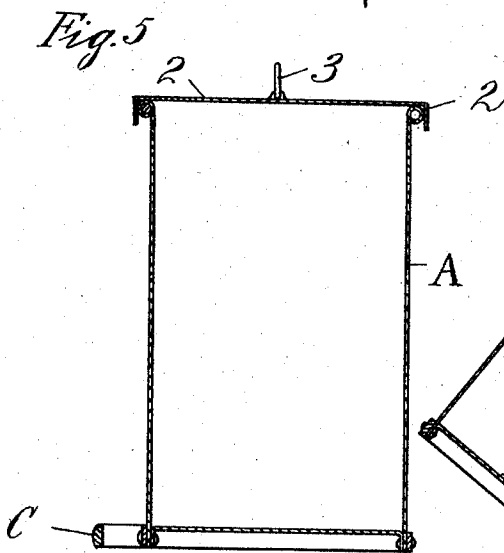
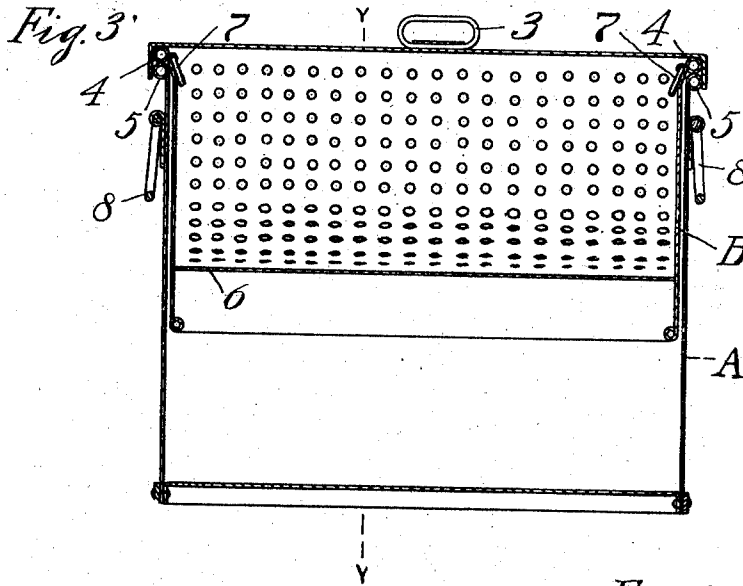
Inventors,
Ralph Brownson
Perce J. Brownson
by *Lothrop & Johnson*
their Attorneys

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2 SHEETS—SHEET 2.



Witnesses,
George Voelker
Hattie Smith

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UNITED STATES PATENT OFFICE.

RALPH BROWNSON AND PERCY J. BROWNSON, OF ST. PAUL, MINNESOTA.

ASH-SIFTER.

965,797.

Specification of Letters Patent. Patented July 26, 1910.

Application filed September 29, 1908. Serial No. 455,261.

To all whom it may concern:

Be it known that we, RALPH BROWNSON and PERCY J. BROWNSON, citizens of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented certain new and useful Improvements in Ash-Sifters, of which the following is a specification.

Our invention relates to improvements in ash sifters, its object being to provide a construction whereby large quantities of coal and ash may be efficiently sifted and which shall also serve as a convenient storage receptacle for the sifted ashes.

To this end our invention consists in the features of construction and combination hereinafter particularly described and claimed.

In the accompanying drawings forming part of this specification Figure 1 is a perspective view of the invention, Fig. 2 is a similar view of the coal receptacle partly broken away, Fig. 3 is a section on line $z-z$ of Fig. 1; Fig. 4 is a section on line $x-x$ of Fig. 1; and Fig. 5 is a section on line $y-y$ of Fig. 3 with the coal receptacle removed.

In the drawings A represents the outer receptacle or box of the apparatus, preferably rectangular in shape and provided with an overlapping removable cover 2 carrying a suitable handle 3.

B represents a receptacle for the coal and ash removably fitted in the top of the outer receptacle, and provided at its outer edge with a bead 4 adapted to rest upon the bead 5 of the outer receptacle. The inner receptacle B is preferably interspaced along its sides and ends from the outer receptacle, as shown in Figs. 3 and 4.

Extending rearwardly and upwardly from the lower edge of the front wall of the receptacle B to the upper edge of the rear wall of said receptacle is the curved perforated wall 6 constituting the bottom of the receptacle.

A pair of handles 7 secured inside the end walls of the inner receptacle allows the same to be lifted from or placed in position.

In order to allow the apparatus to be rocked to shake the ashes from the coals we provide a rocker foot C, preferably in the form of an outwardly curved bar secured

along the lower edge of the outer receptacle on the side thereof adjacent to the back of the perforated curved wall 6.

The outer receptacle is provided with a pair of handles 8 by which it may be rocked or moved.

In operation the coal to be sifted is deposited within the inner receptacle and the cover placed over the same in covering position. The apparatus may be tilted upon the rocker C as shown in Fig. 4, and rocked back and forth to thoroughly sift the ashes from the coal, the ashes dropping through the bottom 6 into the bottom of the outer receptacle. After the ashes are sifted the cover may be removed and the inner receptacle taken out and emptied of its contents. As indicated in Fig. 4 the rearwardly curved shape of the wall 6 of the coal receptacle becomes effective to the maximum degree when the apparatus is tilted to rocking position, thus allowing the ashes to be quickly and thoroughly sifted from the coal.

We claim:

1. An apparatus of the class described comprising in combination an outer receptacle, an inner receptacle removably fitted therein, a rearwardly and upwardly curved perforated bottom wall for said inner receptacle, and a rocker foot for said outer receptacle on the side thereof adjacent to the back of said perforated wall for the purpose set forth.

2. An apparatus of the class described comprising in combination an outer receptacle, a rocker foot upon one side of said receptacle in alinement with its bottom, an inner receptacle removably supported in said outer receptacle, and a rearwardly and upwardly curved perforated bottom wall for said inner receptacle, the lower end of said wall being on the side opposite from said rocker foot whereby when said receptacle is tilted upon said foot said curved wall will become effective as a sifting bottom to the maximum degree.

In testimony whereof we affix our signatures in presence of two witnesses.

RALPH BROWNSON.

PERCY J. BROWNSON.

Witnesses:

HATTIE SMITH,

ARTHUR P. LOTHROP.