

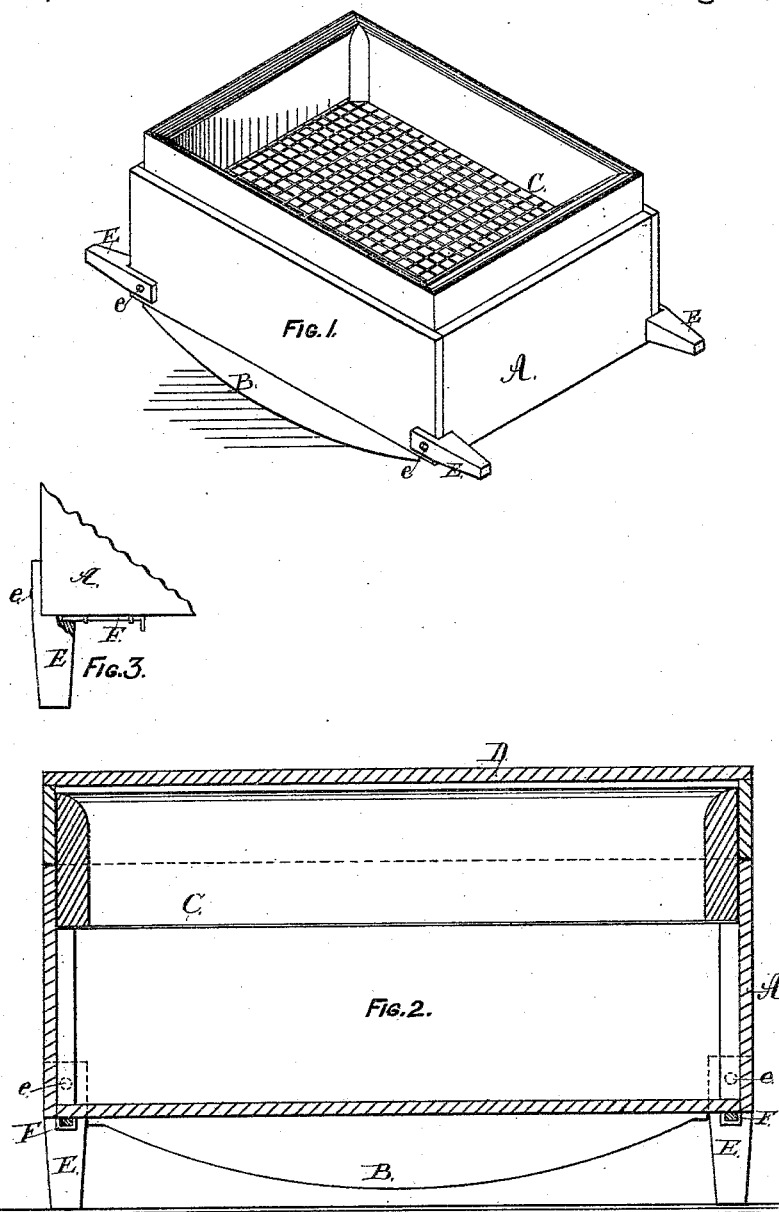
(No Model.)

E. J. WATSON & H. LANG.

ASH SIFTER.

No. 303,197.

Patented Aug. 5, 1884.



Witnesses:

S. B. Brewer,
H. W. Scattergood.

Inventors:

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UNITED STATES PATENT OFFICE.

EDWARD J. WATSON AND HENRY LANG, OF ALBANY, NEW YORK; SAID
WATSON ASSIGNOR TO SAID LANG.

ASH-SIFTER.

SPECIFICATION forming part of Letters Patent No. 303,197, dated August 5, 1884.

Application filed November 23, 1883. (No model.)

To all whom it may concern:

Be it known that we, EDWARD J. WATSON and HENRY LANG, both of the city and county of Albany, in the State of New York, have invented certain new and useful Improvements in Ash-Sifters, of which the following is a specification.

Our invention relates to improvements in that class of ash-sifters in which, by being provided with rockers, the operation of sifting is effected by imparting a rocking motion to the case in which the sieve is contained; and the object of our improvements is to provide means for retaining the case in a fixed position, so that it may be utilized as a table or other useful article when not in use for the purpose of sifting. We attain this object by means of the construction illustrated in the accompanying drawings, which form part of this specification, and in which—

Figure 1 is a perspective view of our ash-sifter with the cover removed and resting on its rockers; Fig. 2, a longitudinal section of the ash-sifter standing on its adjustable legs, and Fig. 3 a detached detail showing a mode of securing the adjustable legs in a vertical position.

As shown in the drawings, A is the box of the sifter, made in a rectangular form, and provided on two of its opposite sides with the rockers B; C, a detachable sieve fitted into the upper part of the box A, and projecting above the upper edge of said box, so as to form a rim for receiving the cover D, which fits over said rim and upon the upper edge of the box A, to form a close joint that will prevent the escape of dust from the interior of the sifter;

E, adjustable legs, pivoted, as at *e*, to the four corners of the box A in such manner that they can be extended horizontally therefrom, as shown in Fig. 1, or be fixed in a vertical position, as shown in Fig. 2, where they will serve to support the box in a fixed position; F, sliding bolts attached to the bottom of the box A, and adapted to engage in suitable openings in the legs E, so as to secure the latter in a vertical position.

The ashes are placed in the sieve C, after which the cover D is fixed in place over the sieve, and the legs being extended, as shown in Fig. 1, an oscillatory motion is imparted to the sifter on its rockers B, and by said motion the ashes and coal are moved about in the sieve until the ashes are entirely screened from the coal, and by reason of close joining of the cover to the box this operation can be performed in any room of a dwelling without producing any objectionable quantity of dust thereby.

When the apparatus is not required for sifting, the legs E can be turned down, as shown in Fig. 2, so as to permit its use as a table and many other useful purposes.

We claim as our invention—

An ash-sifter comprising the box A, provided with rockers B, removable sieve C, cover D, adjustable legs E, and fastening-bolts F, as and for the purpose specified.

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Witnesses:

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