

No. 622,004.

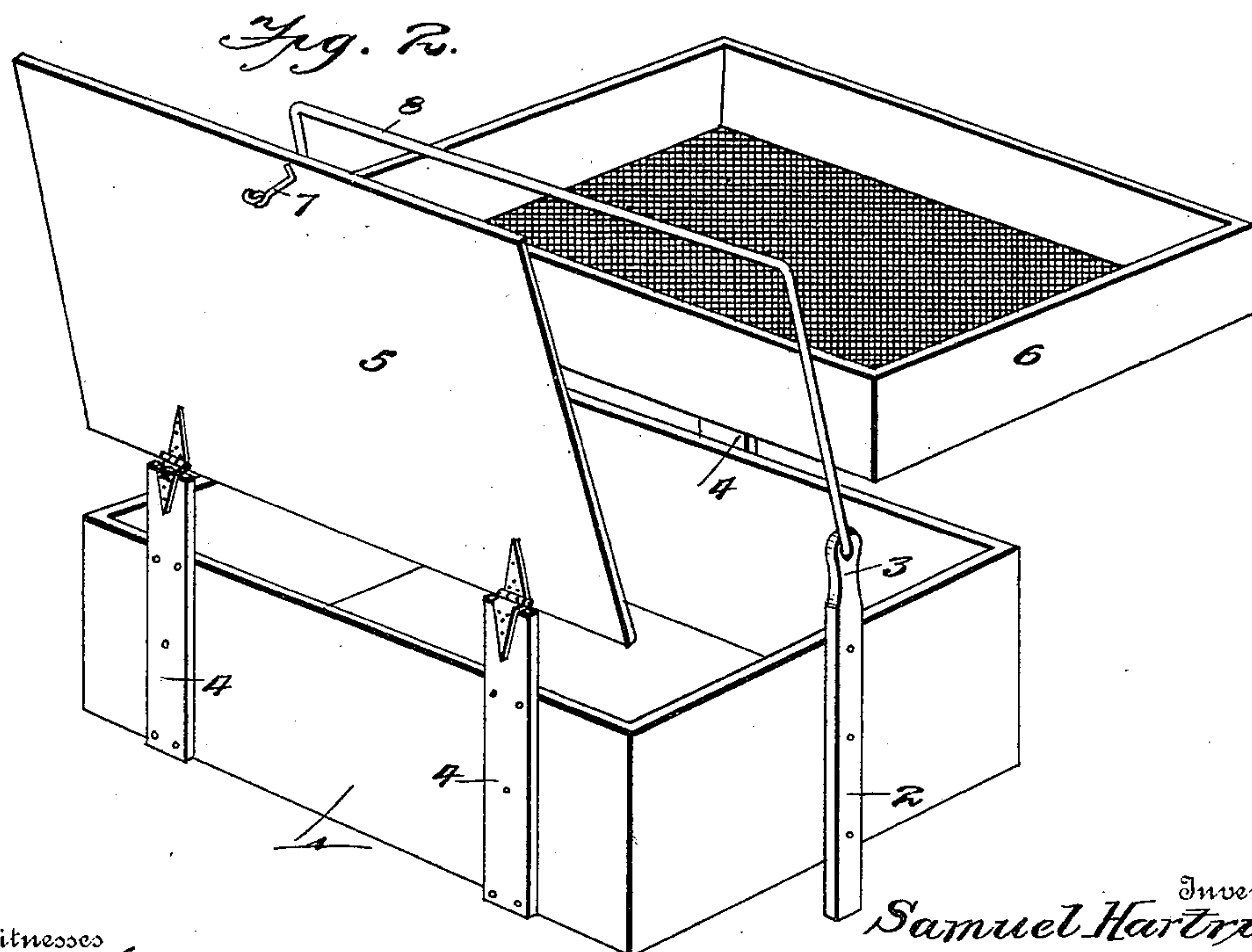
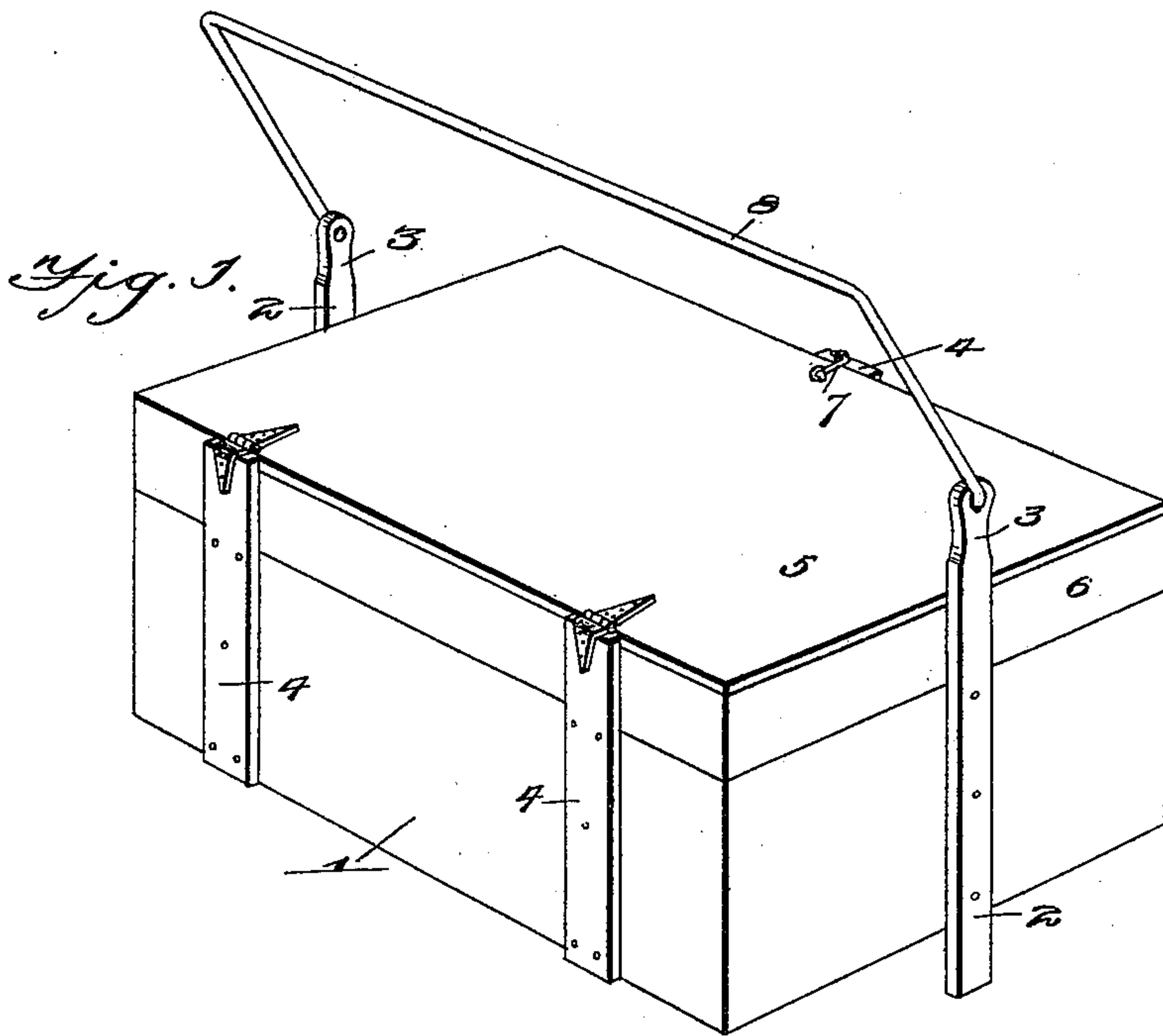
Patented Mar. 28, 1899.

S. HARTRIDGE.

ASH SIFTER.

(Application filed Mar. 8, 1898.)

(No Model.)



Witnesses

C. E. Hunt
J. H. Wilkey

Inventor
Samuel Hartridge

by *A. B. Wilson & Co*

Attorneys

UNITED STATES PATENT OFFICE.

SAMUEL HARTRIDGE, OF HUNTINGTON, NEW YORK.

ASH-SIFTER.

SPECIFICATION forming part of Letters Patent No. 622,004, dated March 28, 1899.

Application filed March 8, 1898. Serial No. 673,116. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL HARTRIDGE, a citizen of the United States, residing at Huntington, in the county of Suffolk and State of New York, have invented certain new and useful Improvements in Ash-Sifters; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has relation to ash-sifters; and the object is to provide a device of this character which shall be simple of construction, durable in use, inexpensive of production, and by means of which the ashes may be easily and quickly sifted and the dust therefrom prevented from rising.

With these objects in view the invention consists in certain features of construction and combination of parts which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my improved ash-sifter, showing it ready for use; and Fig. 2 is a similar view of the parts separated.

In said drawings, 1 represents a rectangular box having secured to its ends legs 2, the lower ends of which project below the bottom of the box and the upper ends of which project above the top of the box and may be formed with handles 3.

4 denotes vertical strips secured to the sides of the box, two on the rear side and one on the front side. These strips project considerably above the upper edge of the box, and to the strips on the rear side of the box is hinged the cover 5.

6 denotes a rectangular frame having a screen-bottom adapted to fit on the upper edge of the box and be held in position by the legs 2 and the strips 4. When in place, the cover 5 is swung down and may be fastened to the strip 4 on the front side of the box by the hook 7.

8 denotes a bail or handle by means of

which the device may be carried from one place to another.

Particular stress is laid upon the legs 2, which subserve three functions—first, as a rocking fulcrum by means of which the ashes are sifted; secondly, as means for preventing the endwise shifting of the sieve-frame, and, thirdly, to provide means by which the box may be rocked from side to side.

The strips 4 on the rear side of the box, besides holding the sieve-frame against lateral displacement in one direction, also serve as means for hinging the cover to the box, while the strip 4 on the front side of the box serves to prevent the sieve-frame from moving laterally in the opposite direction and is also provided with a staple to receive the fastening-hook of the cover.

The device is exceedingly simple, may be made at small cost, and is easily operated.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination with a box having legs at its ends, the lower ends of said legs projecting below the lower edges of the box, and the upper ends projecting above the top of said box, of strips secured to the front and rear sides of the box and having their upper ends projecting above the upper edge of the box, a sieve-frame adapted to be supported upon the upper edge of the box and held against displacement by the upper ends of the strips and by the upper ends of the legs, and a cover hinged to the upper ends of the strips that are secured to the rear side of the box, substantially as set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

SAMUEL HARTRIDGE.

Witnesses:

SELAH D. TILLOTSON,
DOUGLASS CONKLIN.