

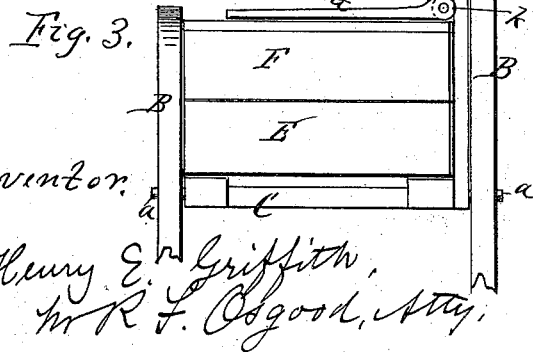
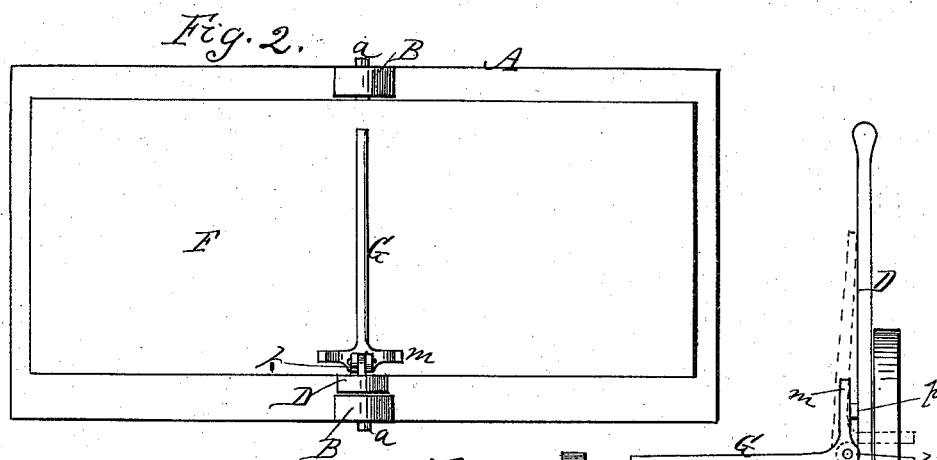
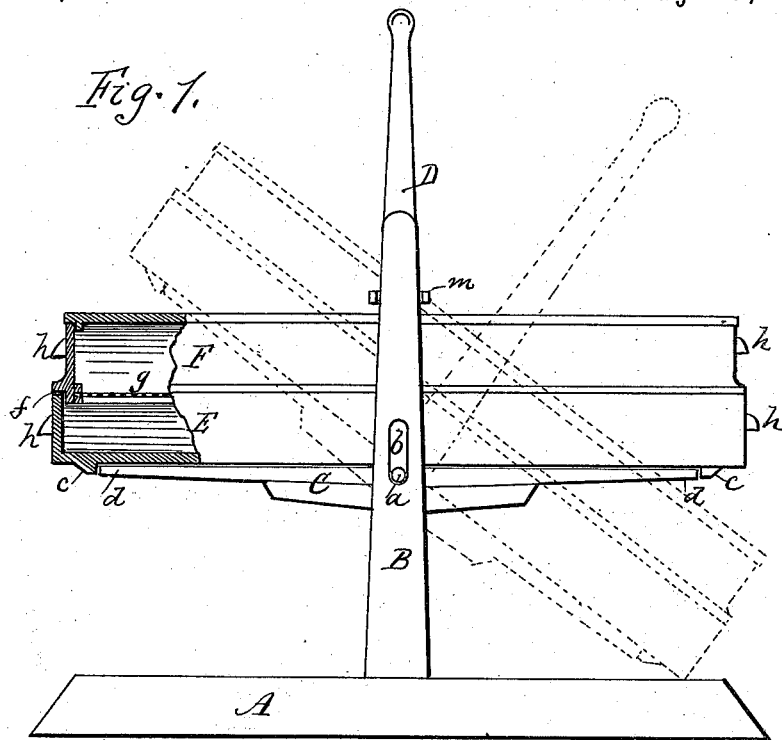
(No Model.)

H. E. GRIFFITH.

ASH SIFTER.

No. 383,571.

Patented May 29, 1888.



Attest.
J. F. Spencer.
A. J. Smith.

Inventor.
Henry E. Griffith,
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UNITED STATES PATENT OFFICE.

HENRY E. GRIFFITH, OF ROCHESTER, NEW YORK.

ASH-SIFTER.

SPECIFICATION forming part of Letters Patent No. 383,571, dated May 29, 1888.

Application filed October 7, 1886. Serial No. 215,523. (No model.)

To all whom it may concern:

Be it known that I, HENRY E. GRIFFITH, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented a certain new and useful Improvement in Ash-Sifters; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the drawings accompanying this specification.

My improvement relates to rocking sifters; and it consists in the construction and arrangement of parts, hereinafter more fully described, and specifically claimed.

In the drawings, Figure 1 is a side elevation, partly in section, of the apparatus, Fig. 2 is a plan view of the same. Fig. 3 is an end elevation of the apparatus with the bottom portion broken away.

A indicates the base, and B B two standards that rise from the same and support the rocking frame and boxes.

C is the rocking frame, made in skeleton form and provided with journals *a a*, that rest in slots *b b* of the standard, by which means the frame can be rocked forward and back.

D is a lever attached rigidly to one side of the rocking frame, by which the machine is operated. This lever rests inside of the standard B and in proximity thereto.

E and F are the two boxes or receptacles mounted on top of the rocking frame and receiving motion with it. The box E, which is the ash-box, has cleats *c c* nailed on its under side, which cleats rest outside of the ends *d d* of the frame and hold the box from slipping off endwise as it is rocked up and down. The box F, which is the cinder-box, rests on top of box E and has shoulders *f f*, that set down into the top of box E and prevent it from slipping off. The box F is provided with a screen, *g*, through which the ashes are sifted as the ap-

paratus is rocked. The boxes are held against side movement by resting closely between the standards B. They are provided with handles *h h*, by which they can be removed and carried away, either both together or each separately.

G is an arm pivoted at *k* to the lever D, so as to turn freely. It is provided with a right-angled open clamp or stirrup, *m*, near the lever, as shown. When turned down, the arm rests on top of the box F and holds it down, so that the boxes are secure on the rocking frame when in use. When turned up, as shown in dotted lines, Fig. 3, the open clamp or stirrup *m* embraces both the lever D and standard B, locking said parts, freeing the boxes, and enabling them to be opened to insert the ashes or to be removed and carried off to dump the cinders and ashes. The arm G is locked down on top of the receptacles to hold them in place by means of a bar or wedge, *p*, inserted between the lever D and the stirrup *m*, as shown in Fig. 3.

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

In an ash-sifter, the combination, with the standards B, rocking frame C, and boxes E F, of the lever D, attached to the rocking frame, and the bar G, pivoted to the lever and provided with the right-angled stirrup *m*, said bar fastening the boxes to the rocking frame when turned down, and fastening the lever to the standard when turned up, as herein shown and described.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

HENRY E. GRIFFITH.

Witnesses:

R. F. OSGOOD,
Z. L. DAVIS.