

A. H. PULCIFER.

Ash-Sifters.

No. 125,906.

Patented April 23, 1872.

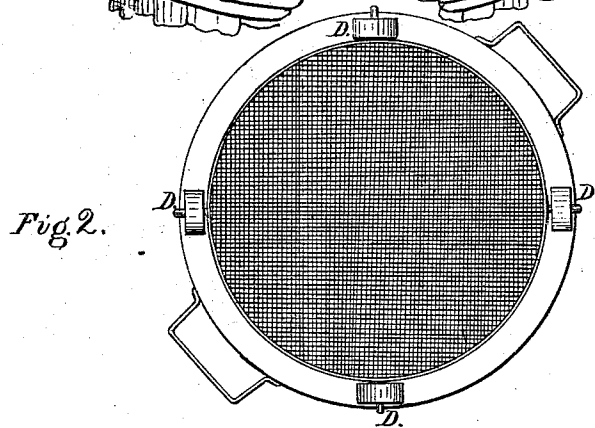
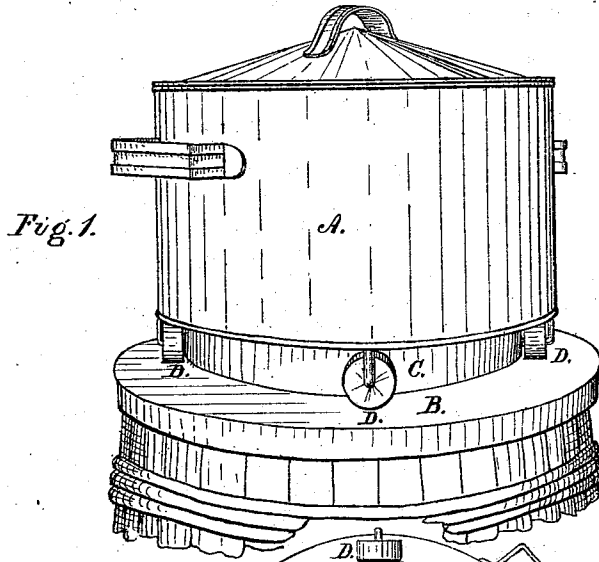
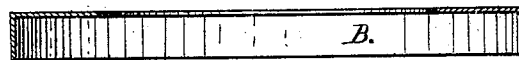


Fig. 3.



Witnesses.

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att'y

UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN ASH-SIFTERS.

Specification forming part of Letters Patent No. 125,906, dated April 23, 1872.

Specification describing certain Improvements in Ash-Sieves, invented by ALFRED H. PULCIFER, of Brooklyn, in the county of Kings and State of New York.

My invention consists in the combination and arrangement, with a rotary ash-sifter provided with a flanged bottom, of a detachable flanged cover and track; and it has for its object to make a sieve of this description more efficient and easier of operation; as will be fully described hereafter.

Figure 1 of the accompanying drawing is a perspective view of the sieve and detachable bottom as used together. Fig. 2 is a bottom view. Fig. 3 is a vertical section through the flanged head upon which the sieve works.

Similar letters of reference indicate corresponding parts in the drawing.

General Description.

The sieve shown in Fig. 1 of the drawing is constructed in accordance with my invention, and is ready for operation when the substance to be sifted is placed within it.

A represents the receiver, provided with suitable wire-gauze, or other sifting medium, stretched across the opening in the bottom, and

furnished with a cover and suitable handles. B is a cover or head, made of such form as to fit over and cover up the top of the barrel or receptacle into which the refuse dust or ashes is sifted. It is provided with a circular opening, in which the circular flange C, projecting from the bottom of the sieve A, fits and turns. D D are rollers held in suitable bearings projecting from the bottom of the sieve and arranged to run upon the head B when the sieve is operated.

The arrangement of the cover or head B and the circular flange C confines the dust and ashes within the barrel when the sieve is operated, and prevents them escaping into the air; and the friction-rollers D render the operation of sifting comparatively easy.

Claim.

The combination, with the sifter A, provided with its flanged bottom C and rollers D D, of the flanged cover and track B, constructed and operating substantially as described.

ALFRED H. PULCIFER.

Witnesses:

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