

(No Model.)

A. WATSON.

COMBINED COAL HOD AND SIEVE.

No. 266,407.

Patented Oct. 24, 1882.

Fig. 1.

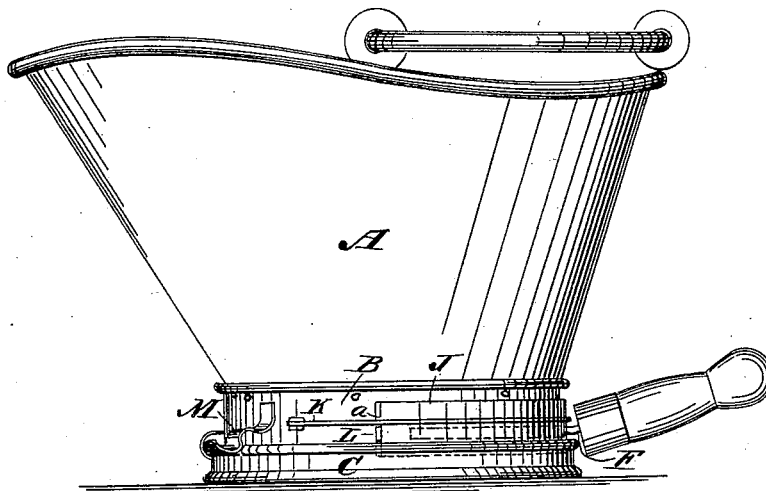
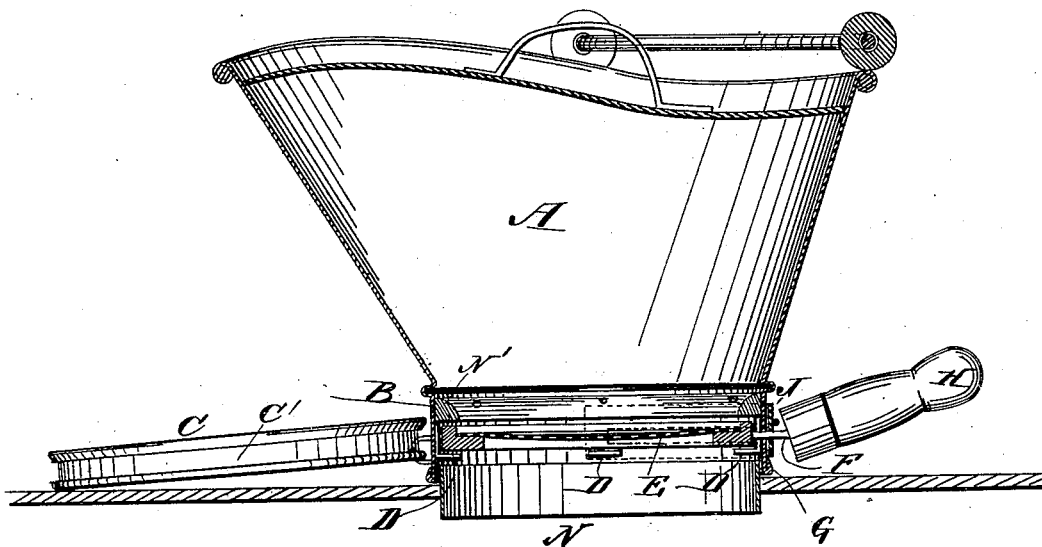


Fig. 2.



WITNESSES:

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ALEXANDER WATSON, OF EAST PEPPERELL, MASSACHUSETTS.

COMBINED COAL HOD AND SIEVE.

SPECIFICATION forming part of Letters Patent No. 266,407, dated October 24, 1882.

Application filed August 31, 1882. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER WATSON, of East Pepperell, in the county of Middlesex and State of Massachusetts, have invented a new and Improved Combined Coal Hod and Sieve, of which the following is a full, clear, and exact description.

The object of my invention is to facilitate the sifting of ashes and separating them from the cinders without permitting the dust to spread, and without emptying the ashes into a separate vessel or receptacle.

This invention, which is an improvement on the combined coal hod and sieve for which Letters Patent No. 243,018 were issued to me on the 14th day of June, 1881, consists in the peculiar construction and arrangement of the parts, as hereinafter more fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a longitudinal elevation of my improved combined coal hod and sieve. Fig. 2 is a longitudinal sectional elevation of the same.

The coal-hod A is provided with a vertical bottom flange, B, to which a circular bottom, C, is hinged at the front part of the hod, which bottom is provided with a vertical flange, C', fitting around the vertical flange B at the bottom of the hod. A series of projecting lugs or clips, D, project from a cast-iron ring, N', riveted to the inner surface of the flange B, and upon which lugs a circular sieve, E, rests, which is provided with a handle-arm, F, projecting through a horizontal slot, G, in the rear part of the vertical flange B, to which handle-projection F a handle, H, of some suitable construction is attached. A segmental shield or strip of metal, J, is placed against the outer surface of the rear part of the flange B, and through the said shield J the handle-projection F passes. A segmental wire, K, has

its ends secured to the outer surface of the flange B and passes around the shield J, which has outwardly-projecting end flanges, L, provided with notches *a*, through which the wire K passes. The flange B is provided with a latch, M, of some suitable construction for holding the bottom C on the flange B. If the ashes are to be sifted, the bottom C is released and is swung from under the hod A, and the hod is placed over a circular opening, N, in the cover or head of an ash-barrel, which circular opening is preferably provided with a collar or vertical flange for the purpose of holding the hod in place. The handle H is then reciprocated in a horizontal plane, whereby the sieve will be shaken and the ashes will drop through the sieve into the ash-barrel, and the cinders will remain above the sieve, and the hod, sieve, and cinders can be washed out by means of water. The bottom C is swung under the hod again and locked in place by means of the latch M, and any water that may drop from the sieve collects in the bottom C, and is thus prevented from dropping on the floor and soiling the floor or carpet. The shield J covers the slot G in the flange B and prevents the dust from escaping through the slot, and the wire K holds the ends of the shield J to the flange B, so that it will always form a close joint.

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

1. The combination, in the coal-hod A, provided with the slotted vertical flange B, of the clips D, circular sieve E, wire K, and shield J, having notched flanges L, substantially as shown and described.

2. The combination, in the coal-hod A, of the vertical flange B, the hinged bottom C, the sieve E, the shield J, having end flanges, L, provided with notches *a* and the wire K, substantially as shown and described.

ALEXANDER WATSON.

Witnesses:

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