

W. W. MOORE.
Improvement in Wash-Boilers.
No. 131,020. Patented Sep. 3, 1872.

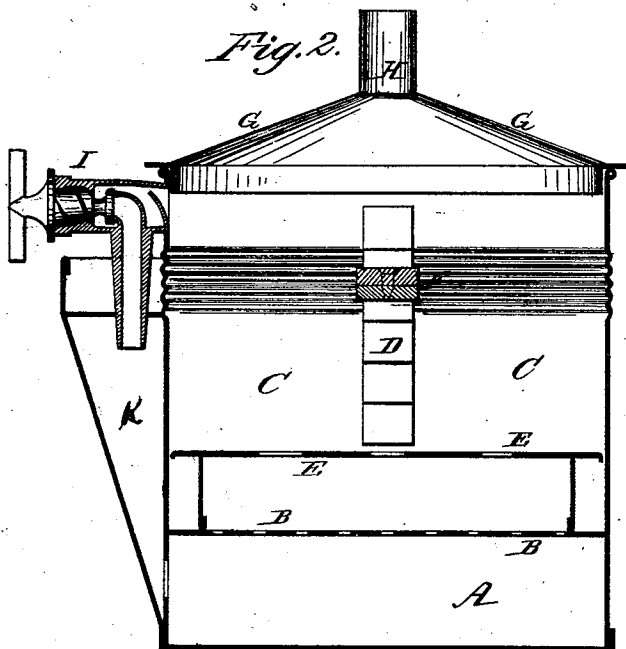
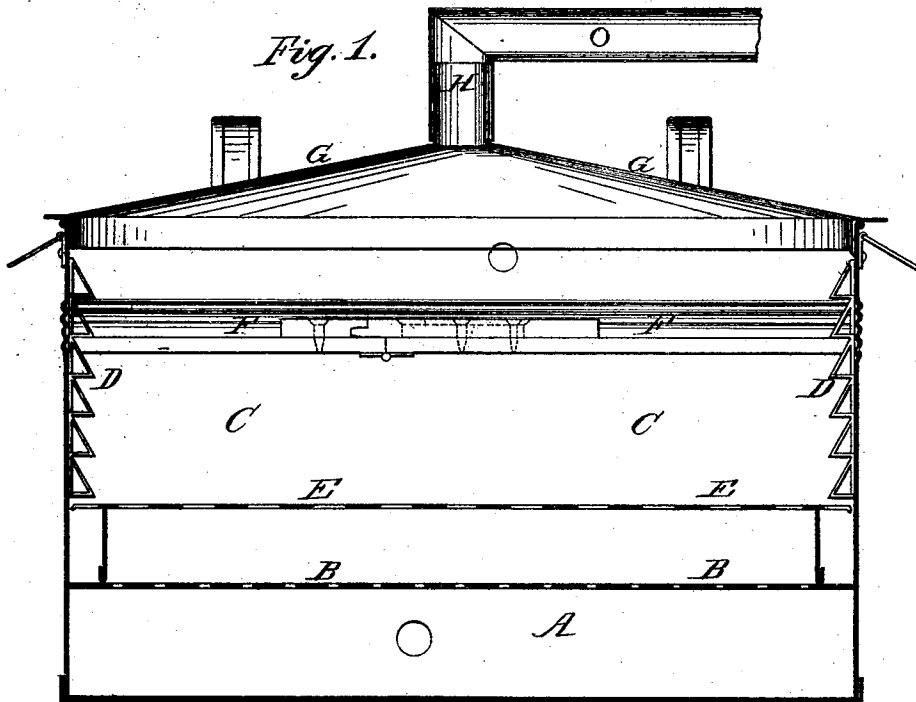
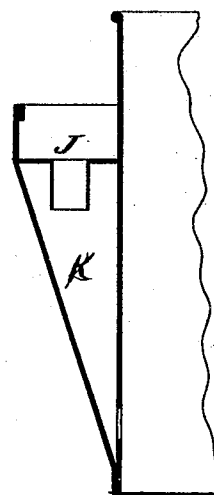


Fig. 3.



Witnesses.

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Inventor.

William W. Moore.

UNITED STATES PATENT OFFICE.

WILLIAM W. MOORE, OF CLINTON, WISCONSIN.

IMPROVEMENT IN WASH-BOILERS.

Specification forming part of Letters Patent No. 131,020, dated September 3, 1872.

To all whom it may concern:

Be it known that I, W. W. MOORE, of Clinton, Rock county, Wisconsin, have invented certain new and useful Improvements in Steam Wash-Boilers, of which the following is a specification:

The nature of my invention consists in the construction of a wash-boiler in which steam is sent in one continued current directly through the clothes, as will hereafter be more fully set forth.

Figure 1 is a longitudinal section of my boiler. Fig. 2 is a transverse section of the same. Fig. 3 is a sectional view of air-passages.

The boiler in shape and size is like those in common use, and is provided with a chamber, A, in its bottom, which is covered by a perforated stationary cover, B. The clothes to be cleaned are placed in the space C, resting upon the bottom B, and held in place by means of the perforated follower E, bar F, and stops or ratchets D. Attached to one side is a channel, K, provided with a suitable opening, J, through which the water and soap are or may be poured so as to fill the chamber A, and stop-cock I, used to admit air into the boiler from both top and bottom, so as to fill the vacuum caused by the steam. Upon the top of the boiler is placed the cover G, provided with the opening H so that the steam can pass freely off into the chimney through the pipe O without filling the room.

The operation is as follows: The chamber A

is filled with water, and the clothes packed into the space C and secured in place by means of the devices D, E, and F. The fire causing the water to boil the steam is forced up through the perforated bottom B but directly through the whole mass of clothes, carrying the dirt off, in solution with it, through the pipe O. From time to time the cock I should be opened for an instant to let in air, or water may be poured in through the channel J, should more be needed. When the steam or steam and water are forced up through the clothes and then allowed to run back upon them the dirt is kept constantly circulating through and through, and has in the end to be washed out; but where the steam is forced constantly in one direction and then at once allowed to escape, the dirt is all carried off in solution.

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

1. A steam wash-boiler with the chambers A and C, bottom B, and follower E, and escape-pipe H O, so arranged that the steam constantly ascends, combined substantially as and for the purpose specified.

2. The channel K, opening J, and stop-cock I, in combination with the chambers A and C, as and for the purpose specified.

WILLIAM W. MOORE.

Witnesses:

JOSEPH SNELL,
D. G. CHEEVER.