W. A. MILLER.
Wash-Boiler.

No. 201,190. Patented March 12, 1878.

Fig. 1

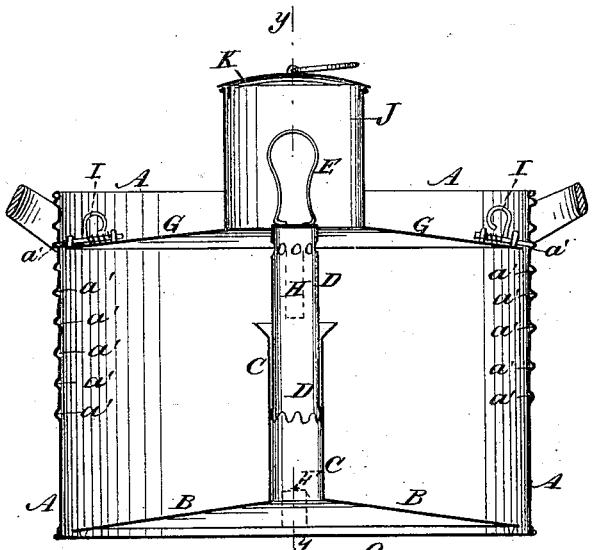
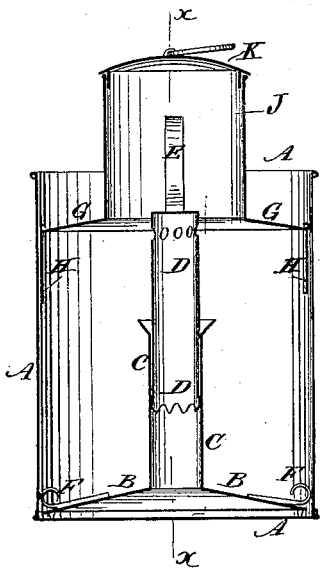


Fig. 2



WITNESSES:
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UNITED STATES PATENT OFFICE.

WILLIAM A. MILLER, OF RIGDON, INDIANA.

IMPROVEMENT IN WASH-BOILERS.

Specification forming part of Letters Patent No. **201,190**, dated March 12, 1878; application filed November 10, 1877.

To all whom it may concern:

Be it known that I, WILLIAM ANDERSON MILLER, of Rigdon, in the county of Madison and State of Indiana, have invented a new and useful Improvement in Steam-Washers, of which the following is a specification:

Figure 1 is a vertical longitudinal section of my improved steam-washer, taken through the line *x x*, Fig. 2. Fig. 2 is a vertical cross-section of the same, taken through the line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved steam-washer which shall be simple in construction and convenient and economical in use, saving time, labor, and fuel, effective in operation, cleaning the clothes quickly and thoroughly, and which will prevent the water from boiling over upon the stove.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

A represents the boiler, which is made in the usual way, and may be of any desired size and shape. B is a false bottom, fitting into the boiler A, made slightly conical or highest in the center, and with a hole in its center, in which is secured the lower end of a short tube, C.

The tube C is made with a flaring or funnel-shaped upper end, and in it is placed a tube, D, the lower end of which is slitted or notched to form springs to bear against the inner surface of the tube C, and thus hold the tube D in any position into which it may be adjusted.

The upper end of the tube D is closed, and has a handle, E, attached to it for convenience in adjusting it.

In the tube D, near its closed upper end, is formed a circle of holes, through which the water and steam are projected upon the clothes in the boiler A. The water passes through the clothes and down around the edges of the false bottom B into the space beneath said false bottom, to be again forced up through the tubes C D, and so on in a continuous circulation so long as the heat is kept up.

To the sides or ends of the false bottom B are attached springs F, to rest against the sides of the boiler A, to keep the said false bottom in place and prevent it from being raised by drawing up the tube D in the tube C.

G is the cover, which fits snugly into the boiler A, so that it may be adjusted higher or lower, according to the amount of clothes and water in the said boiler A. To the sides of the cover G are attached downwardly-projecting springs or arms H, which rest against the sides of the boiler A and keep the said cover in a horizontal position.

In keepers attached to the upper side of the end parts of the cover G are placed sliding bolts I, which are held out by springs, so that their outer ends may enter recesses formed in the ends of the boiler A, to hold the cover G in any position into which it may be adjusted.

The cover G is made slightly conical, and in its middle part is formed a large hole, in which is secured a dome, J, which is provided with a cover, K, and which is designed to serve as a condenser for the steam, and as a chamber for the boiling water to rise into to prevent it from boiling over upon the stove.

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

The combination of the cover G, provided with the springs or arms H, the spring-bolts I, and the dome J K, with the boiler A, provided with the recesses *a'*, substantially as herein shown and described.

WILLIAM ANDERSON MILLER.

Witnesses:

J. A. ADAIR,

L. T. HALE.