

L. B. Osgood,

Wash Boiler.

No. 109,836.

Patented Dec. 6. 1870.

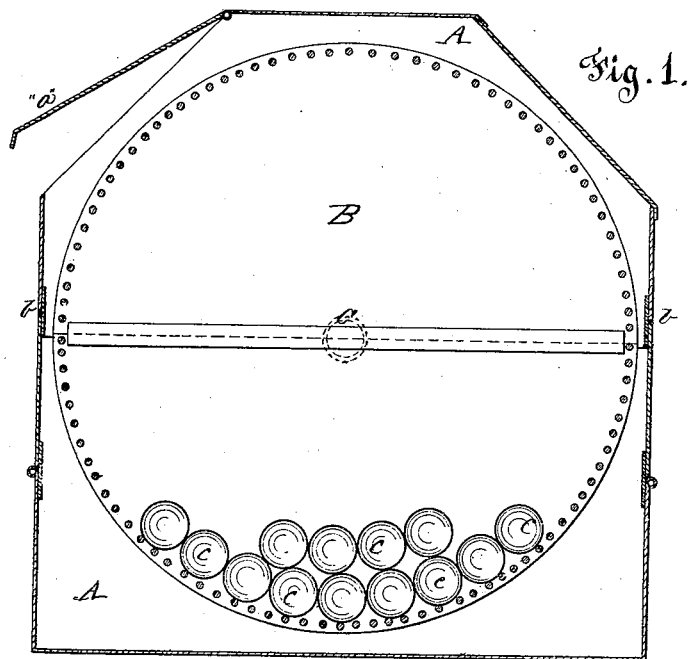


Fig. 1.

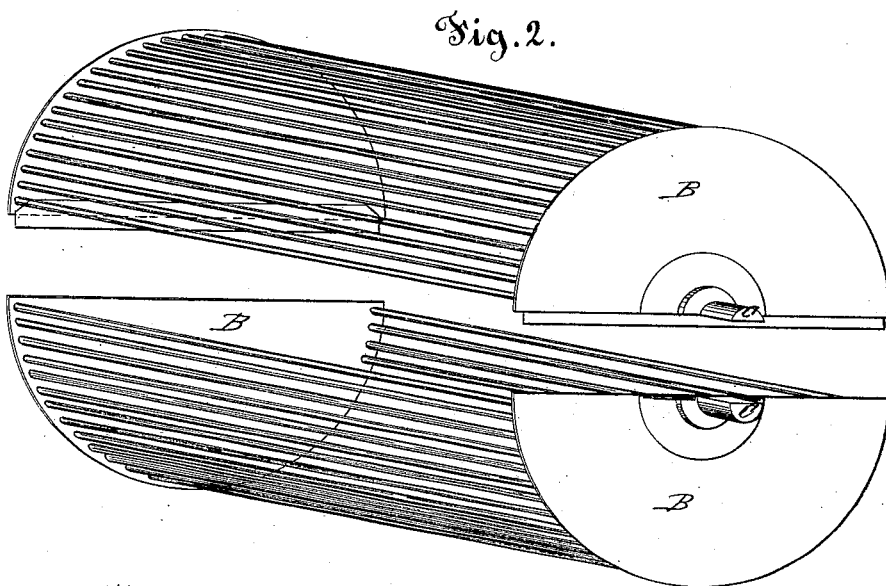


Fig. 2.

Witnesses.
H. S. Miller.
D. P. Howl

Inventor.
Luke B. Osgood

United States Patent Office.

LUKE B. OSGOOD, OF SHELBY, MICHIGAN.

Letters Patent No. 109,836, dated December 6, 1870.

IMPROVEMENT IN WASHING-MACHINES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, LUKE B. OSGOOD, of Shelby, county of Oceana, in the State of Michigan, have invented an Improvement in Hughs & Osgood's Wash-Boiler, patented March 1, A. D. 1870.

The nature of my invention consists in dividing the shaft of the main gearing of a washing-boiler in the center; and separating in the same manner the drum or cylinder of the machine into two parts of equal size; and

In order to enable others skilled in the art to make and use my invention I will proceed to describe the construction of the same, reference being had to the accompanying drawing, in which—

Figure 1 represents a transverse section of my invention, and

Figure 2 represents a perspective view of the cylinder, showing the upper part separated from the lower through the center of said cylinder.

The construction of my invention consists in a wash-boiler, A, having as an opening the door or lid *a*; or, when clothes are to be inclosed or removed, the upper half of the boiler is detached from the lower half at *b b*.

Inclosed by the frame A is a revolving cylinder, B, in which are placed the clothes.

Inclosed in this cylinder is a number of balls, *c c*,

composed of wood or any other non-corrosive substance desired, for the purpose of assisting in the washing process.

The cylinder B is divided into two equal parts, the line of bisection consequently cutting in half the shaft of the main gearing C, as shown in fig. 2, thus allowing the greatest possible space through which to place the clothes into the cylinder, as also enabling the detachment of the upper half of the cylinder without moving or misplacing the lower half of same.

When in working order the bisected shaft and cylinder are kept in position by means of the journals formed by the upper and lower parts of the frame A, these two parts A A being secured together by means of hooks or any other well-known device.

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The construction of a cylindrical revolving wash-boiler, when it and the journals on which it revolves are equally divided in two parts, that easy access may be had to the contents of the boiler, as specified.

LUKE B. OSGOOD.

Witnesses:

Z. L. SARGENT,
J. B. LAWRENCE.