

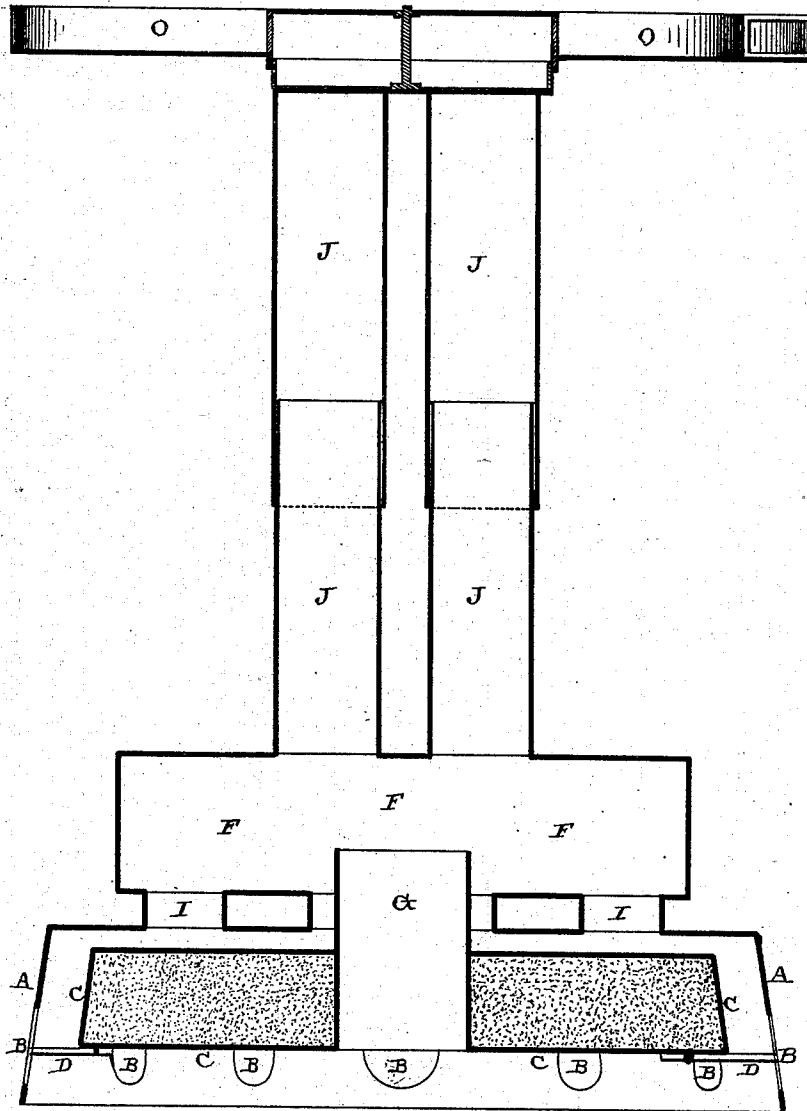
(No Model.)

W. A. WRIGHT.

WASH BOILER.

No. 274,076.

Patented Mar. 13, 1883.



Witnesses.

Rob. Johnston.
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UNITED STATES PATENT OFFICE.

WILLIAM A. WRIGHT, OF LA GRANGE, GEORGIA.

WASH-BOILER.

SPECIFICATION forming part of Letters Patent No. 274,076, dated March 13, 1883.

Application filed July 24, 1882. (No model.)

To all whom it may concern:

Be it known that I, W. A. WRIGHT, of La Grange, in the county of Troup and State of Georgia, have invented certain new and useful Improvements in Wash-Boilers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawing, which forms part of this specification.

My invention relates to an improvement in wash-boilers; and it consists in an attachment which has a guide to direct the flow of the water secured in its lower end, in combination with a cylinder which is secured upon the top of the base of the attachment, and which cylinder has pipes connecting with its under side for the inflow of the water, and pipes attached to its upper side for the discharge of the water, as will be more fully described hereinafter.

The accompanying drawing is a vertical section of my invention.

A represents the base of the attachment, which is made in the form of an inverted pan, and which has a series of holes, B, through its side, so as to let the water flow freely in. Inside of this base is secured a guide, C, which corresponds to the shape of the base, and which is held in place by suitable pieces, D, which are soldered to the sides of the guide and to the base. This base has a hole made through its center, and projecting up above the top of this hole into the cylinder F, on top of the base, is the flange G, which serves to guide the rising hot water directly into the cylinder. This flange also serves to separate the water which flows up over the top of the guide from that which passes directly through the hole in its center. By this means an additional guide is formed for the rising of the water, so as to direct it in its upward movement. Between the sides and the top portions of this guide and the base is left a sufficient space for the water to flow freely between them and to pass through the two pipes I directly into the cylinder. It will be seen that the rising water passes directly through the center of the guide and over its top, so as to flow into the cylinder from three different points.

In order to anchor the attachment in the bottom of the boiler, so that it will not be so easy to upset the attachment, or to displace it while the clothes are being placed in the boiler, the guide is filled with sand or some other heavy substance, so as to hold the attachment in place. This makes the heaviest part of the attachment at its bottom, where it should be.

Rising from the top of the cylinder are the two discharge-pipes J, which have their upper ends curved outward, so as to discharge the water outward over the tops of the clothes. The water, becoming heated inside of the base of the attachment, rises upward, and is first carried into the cylinder on top of the base. This cylinder acts as a reservoir, and as the water is carried into the cylinder through not only larger pipes, but through a greater number, the water is forced outward over the tops of the clothes with considerable force.

Upon the tops of the two discharge-pipes J, which have their upper ends connected together, is pivoted the revolving top O, which is caused to revolve horizontally around by the discharge of the water for the purpose of discharging the water equally over the tops of the clothes.

Having thus described my invention, I claim—

1. In an attachment for wash-boilers, the combination of the base, the guide C, connecting-pipes, cylinder F, and the pipes J, having a suitable discharging device placed upon their tops, substantially as shown.

2. The combination of the base having a series of holes through its side, a guide secured inside of the base, and having a flange rising around the opening through its center up into the opening in the cylinder, with the cylinder, and the pipes which connect it to the base, and the discharge-pipes which carry the heated water upward, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM ABRAHAM WRIGHT.

Witnesses:

I. W. RAGLAND,
C. H. GRIFFIN.