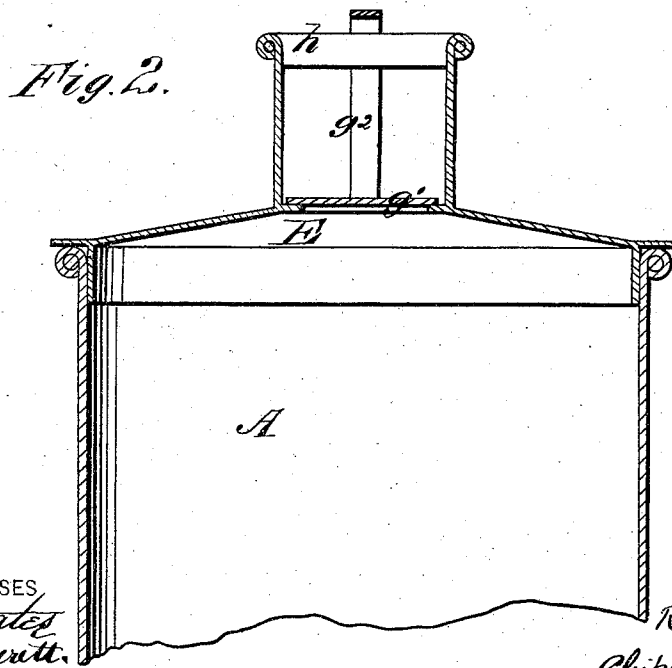
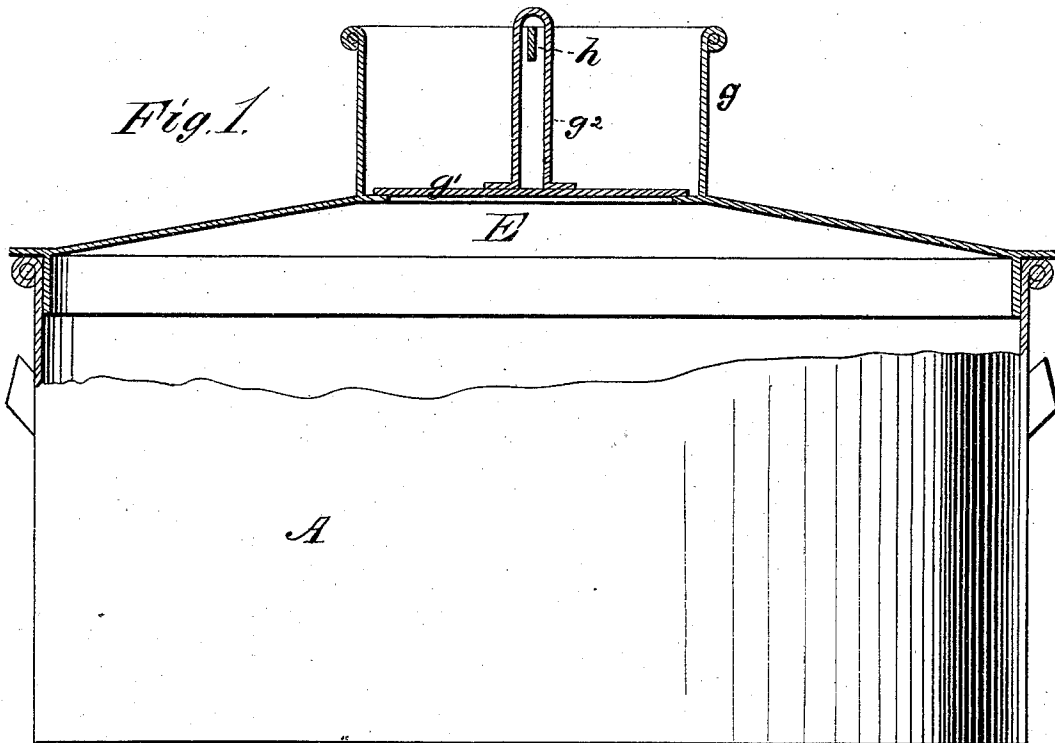


R. J. HARRISON.
Wash-Boiler Covers.

No. 157,751.

Patented Dec. 15, 1874.



WITNESSES
E. H. Bates
Robert Everett

INVENTOR
R. J. Harrison
Chipman & Son, etc.
ATTORNEYS

UNITED STATES PATENT OFFICE.

ROBERT J. HARRISON, OF RALEIGH, NORTH CAROLINA, ASSIGNOR OF ONE-HALF HIS RIGHT TO JAMES Q. WILLIAMS, OF SAME PLACE.

IMPROVEMENT IN WASH-BOILER COVERS.

Specification forming part of Letters Patent No. **157,751**, dated December 15, 1874; application filed January 24, 1874.

To all whom it may concern:

Be it known that I, ROBERT J. HARRISON, of Raleigh, in the county of Wake and State of North Carolina, have invented a new and valuable Improvement in Wash-Boilers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a longitudinal section of my wash-boiler. Fig. 2 is a transverse section of the same.

This invention has relation to wash-boilers; and the novelty consists in the construction of a cover for such boilers, as hereinafter more fully described.

In the annexed drawings, A represents the body of a boiler. E indicates a conical cover of the boiler, through the top of which is an opening, provided with a valve, g^1 , guided by a loop, g^2 , and a cross-bar, h . The valve g^1 opens upwardly, and is entirely surrounded

by a receptacle, g , which is attached directly to the cover E, as shown in the drawings. This valve g^1 allows the escape of surplus steam from the boiler, and the surrounding receptacle g prevents water and condensed steam, which gets into it, from flowing over the boiler. The cover can be confined in its place on the boiler by means of a lug and a hooked spring-catch, or any other suitable fastenings.

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

A wash-boiler cover having the receptacle g attached thereto, and entirely surrounding the valve g^1 , thereby forming an intermediate space between said receptacle and valve, for the purpose mentioned.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ROBERT J. HARRISON.

Witnesses:

FRANCIS M. SORRELL,
J. H. HARRIS.