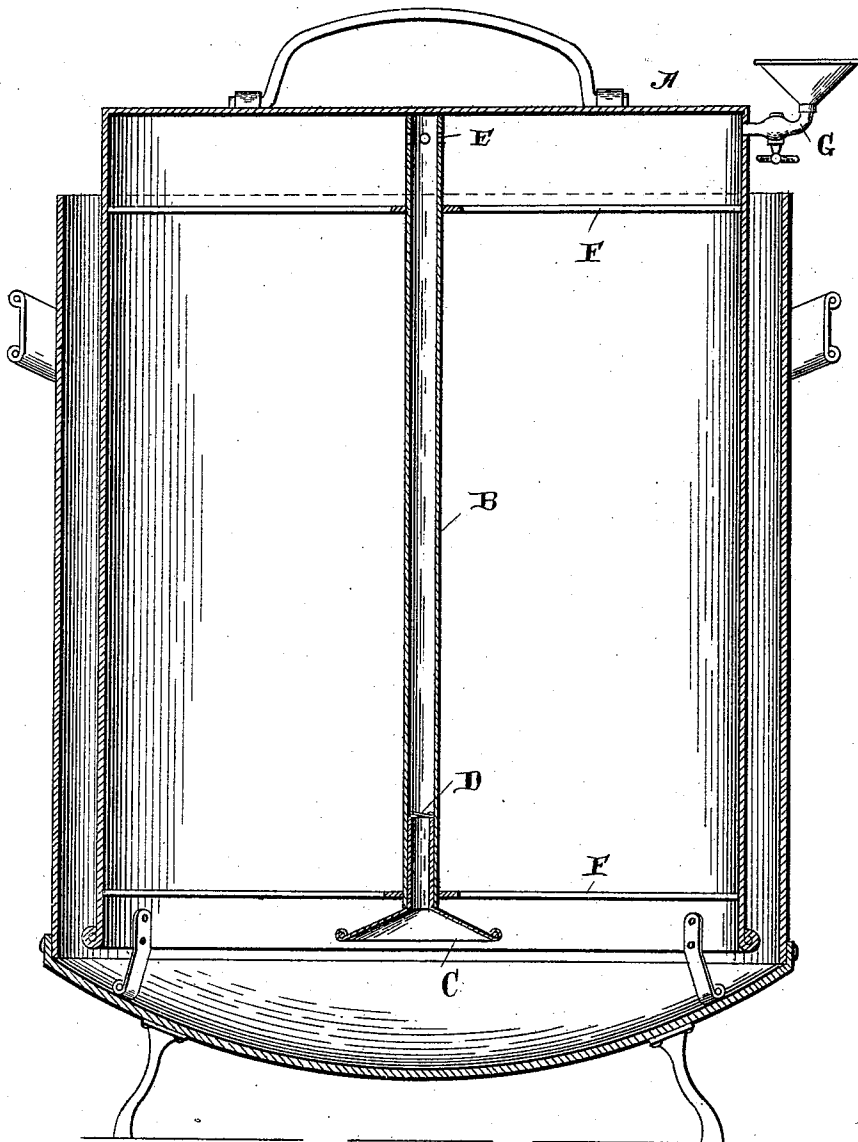


(No Model.)

J. K. HAWKINS.
WASHBOILER.

No. 530,842.

Patented Dec. 11, 1894.



WITNESSES.
Geo. C. Frick,
E. J. Hartz.

INVENTOR-
J. K. Hawkins
By Lehmann, Tattersall & Wright
attys

UNITED STATES PATENT OFFICE.

JOHN K. HAWKINS, OF MOHAWK, TENNESSEE.

WASHBOILER.

SPECIFICATION forming part of Letters Patent No. 530,842, dated December 11, 1894.

Application filed February 10, 1894. Serial No. 499,809. (No model.)

To all whom it may concern:

Be it known that I, JOHN K. HAWKINS, of Mohawk, in the county of Greene and State of Tennessee, have invented certain new and
5 useful Improvements in Washboiler Attachments; 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
10 it, reference being had to the accompanying drawing, which forms part of this specification.

My invention relates to an improved wash boiler attachment; and the object of the same
15 is to provide an improved device for cleansing clothes.

The invention consists in the novel features of construction and arrangement of parts hereinafter fully described and claimed, and
20 illustrated by the accompanying drawing which is a vertical sectional view of my improved device in position in a boiler.

The boiler is here shown as round, but one of oval or any other preferred shape may be
25 used with equal effect. Resting therein is the inverted vessel A consisting of a top and sides as shown, and provided with the central tube B which reaches nearly to the bottom thereof at which point it is provided with
30 the adjustable funnel C adapted to fit as shown and provided on its upper end with the upwardly opening flap valve D for the purpose presently to be stated. The upper
35 end of the tube has the apertures E. The tube is held in position within vessel A by the upper and lower brace arms F.

G is a cock at the upper end of the vessel.

In operation the vessel A is removed from the boiler and the clothes packed therein from
40 the lower end until the space between the brace arms F is quite full, as I have found the best results accrue when the same are held from play. The vessel thus filled with the soiled articles is then placed in the boiler

with the funnel C properly positioned. The
boiler is about two thirds full of water before
the vessel is placed therein so that the latter
is well surrounded. Cock G remains open and
as the water boils it passes up through the
tube B along with the steam to the space
50 above the clothes. Then by closing the cock
the steam will accumulate in the upper end
vessel A and will attain sufficient pressure to
force the water therein downward through
the clothes, the valved funnel preventing the
55 same from escaping downward through the
tube. The cock is again opened to permit
the steam to escape and the water flows up
through the clothes and tube until level of
the water in the outer boiler is reached. This
60 operation may be continued as long as desired
by closing and opening the valve, cleansing
in a most effective manner the articles
placed therein.

The clothing may be either wet or dry when
65 placed in the receptacle and the soap may be
either applied thereto or to the water direct.

By suddenly cooling the upper portion of
boiler A so as to condense the steam therein
an upward flow of water through the clothes
70 may be created for rinsing or other purposes.
The water will immediately descend when air
is admitted by opening cock G.

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

The combination of a boiler, a clothes containing vessel closed at its upper end and open
at its lower end adapted to fit within said
boiler, and a valve at the said upper or closed
80 end, substantially as shown and described.

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

JOHN K. HAWKINS.

Witnesses:

V. S. BIBB,

W. T. MATTHEWS.