

A. R. PRITCHARD.
WASHBOILER.

APPLICATION FILED JULY 22, 1908.

935,325.

Patented Sept. 28, 1909.

FIG. 1.

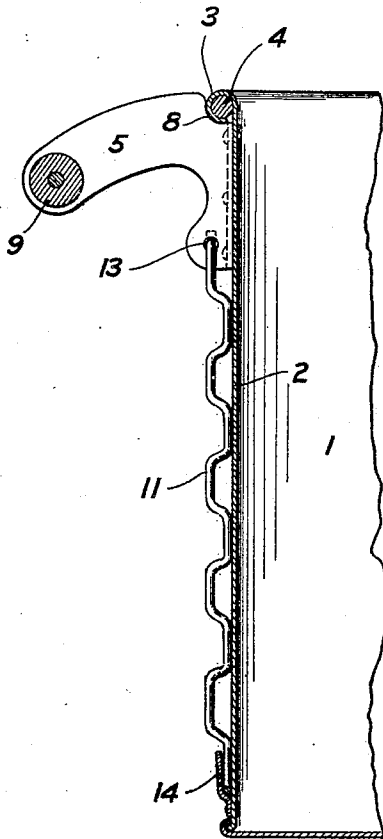
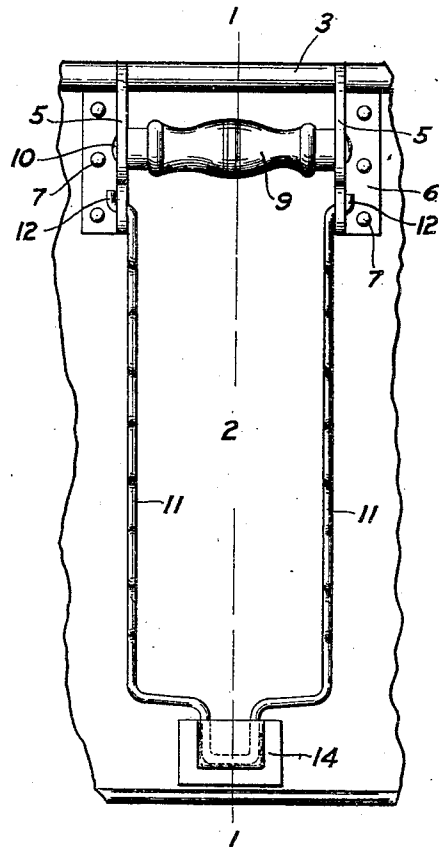


FIG. 2.



WITNESSES:

Clarence W. Carroll
L. Thon

INVENTOR:

Alfred R. Pritchard
by Osgood & Davis
his attys

UNITED STATES PATENT OFFICE.

ALBERT R. PRITCHARD, OF ROCHESTER, NEW YORK.

WASHBOILER.

935,325.

Specification of Letters Patent. Patented Sept. 28, 1909.

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To all whom it may concern:

Be it known that I, ALBERT R. PRITCHARD, a citizen of the United States, and resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Wash-boilers, of which the following is a specification.

This invention relates to improvements in wash boilers, and particularly to means for protecting sheet metal wash boilers from indentation and damage.

In the drawings:—Figure 1 shows a vertical section on the line 1—1 of Fig. 2 of that portion of the wash boiler to which this invention relates; and Fig. 2 is a front elevation of the end of a wash boiler, having this invention applied thereto.

In the drawings, the wash boiler body 1 has a curved end 2 and a rim 3 turned over a heavy wire rod 4 to give strength to the upper edge of the wash boiler. Upon the end of the wash boiler are fastened two hooks 5, 5, which are adapted to hook over the edge of a sink, so that they will not slip off the same when the wash boiler is tilted in order to be emptied into the sink. These hooks are formed with lateral flanges 6, whereby they are fastened by means of rivets 7 to the end of the wash boiler. The upper rear portion of each hook has a cut-out part 8 immediately above that portion of the hook and flange which rests against the outer face of the wash boiler, which cut-out part fits firmly against the roll 3 around the wire 4 at the upper edge of the boiler. It will now be obvious that if the hooks are applied over the edge of a sink with undue violence, all strain on the hooks is taken against the wire 4 and is distributed over a considerable area; and inasmuch as said wire 4 is the strongest part of the boiler, any indentation of the end of the boiler by pressure of the flange 6 against the end 2 is entirely prevented. Two of the hooks 5 may be connected by a handle 9 by means of a rivet or bolt 10 passing through both hooks and the handle. In order further to protect the ends of the boiler from the battering which occurs in careless efforts to set the hook over the edge of a sink, a corrugated rod 11 is employed, whose upper ends 12 are engaged in perforations 13 (Fig. 1) in the projecting plates of the hook. The lower ends of the corrugated rods 11 are

connected in a suitable way to the boiler, near its base.

In the form of the invention shown in the drawings, a sheet metal socket 14 is soldered to the outer face of the end of the boiler near its bottom, and the corrugated wire 11 is bent at its middle into such a shape that it will fit in the said socket, preferably to the full depth thereof, when the upper ends 12 are engaged in perforations 13 in the hooks. It will be seen that the projecting portions of the corrugated rods 11 will prevent direct contact or blows against the ends of the boiler, and its shape will be preserved, and leakage from breaks will be prevented.

The word corrugated is used to mean any form that a rod may receive, whereby it shall have parts resting against the boiler surface and parts spaced from said surface, preferably by more than the thickness of the rod.

What I claim is:—

1. The combination of a wash boiler having a rolled upper rim; a sheet metal plate bent to form a back plate and a hooked plate at right angles with each other, the said back plate being fastened against the surface of the vessel beneath the rolled rim and having its upper edge engaging the rim and the said hooked plate projecting at right angles from said surface and having its upper edge curved to fit closely around said rim from the point where the rim meets the surface of the vessel.

2. The combination of a wash boiler having a rolled upper rim; a pair of sheet metal plates each bent to form a back plate and a hooked handle plate at right angles with each other, each back plate being fastened against the surface of the vessel beneath the rolled rim and having its upper edge engaging the rim and each handle plate being hook-shaped and having its upper edge curved to fit closely around said bead from the point where the rim meets the surface of the vessel; and a handle connecting the handle plates.

3. The combination of a wash boiler having a rolled upper rim; a pair of sheet metal plates each bent to form a back plate and having a handle plate set at right angles to the back plate, each back plate being fastened against the surface of the vessel beneath the rolled rim and having its upper edge en-

gaging the rim and each handle plate having its upper edge curved to fit closely around said bead from the point where the rim meets the surface of the vessel; and a
5 handle connecting the handle plates.

4. The combination of a wash boiler, a pair of perforated parts attached to the upper, outer surface thereof, and a protecting device for the outer surface of the boiler
10 consisting of one or more corrugated rods having their upper ends set in said perforations and attached to the boiler by their lower portions.

5. The combination of a wash boiler, a
15 pair of perforated parts attached to the upper, outer surface thereof, a socket attached to the lower, outer surface thereof, and a protecting device for the outer surface of

the boiler consisting of corrugated rods having their upper ends set in said perforations and their lower portions set in said socket.

6. The combination of a wash boiler, a pair of perforated hooks attached to the upper, outer surface thereof, a socket attached
25 to the lower, outer surface thereof, and a protecting device for the outer surface of the boiler consisting of a pair of corrugated rods having their upper ends set in said perforations and their lower portions set in
30 said socket.

ALBERT R. PRITCHARD.

Witnesses:

HIRAM M. ROGERS,
L. THON.