W. H. RICH.

WASHBOILER ATTACHMENT.

APPLICATION FILED JUNE 17, 1908.

949,687. Patented Feb. 15, 1910.

Fig. 1.

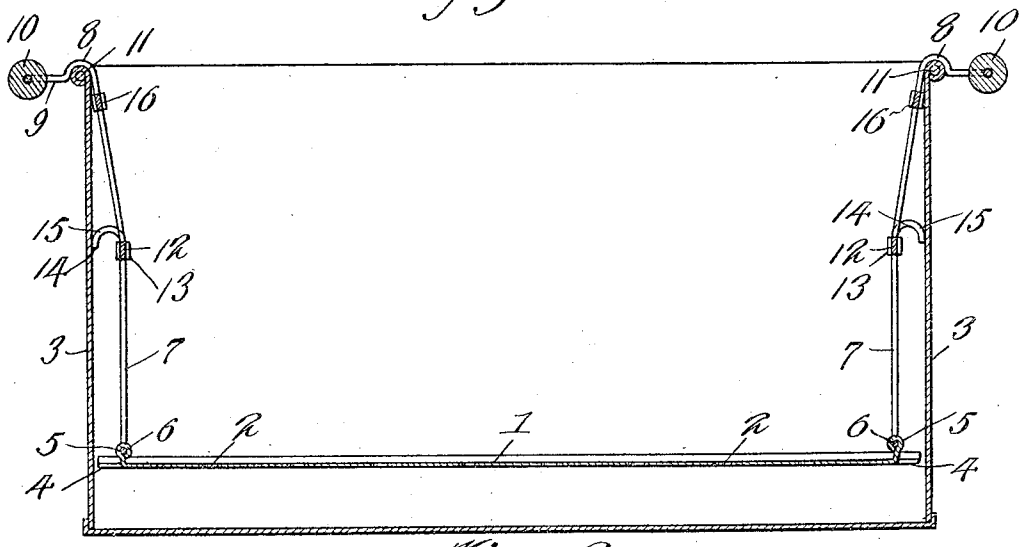


Fig. 2.

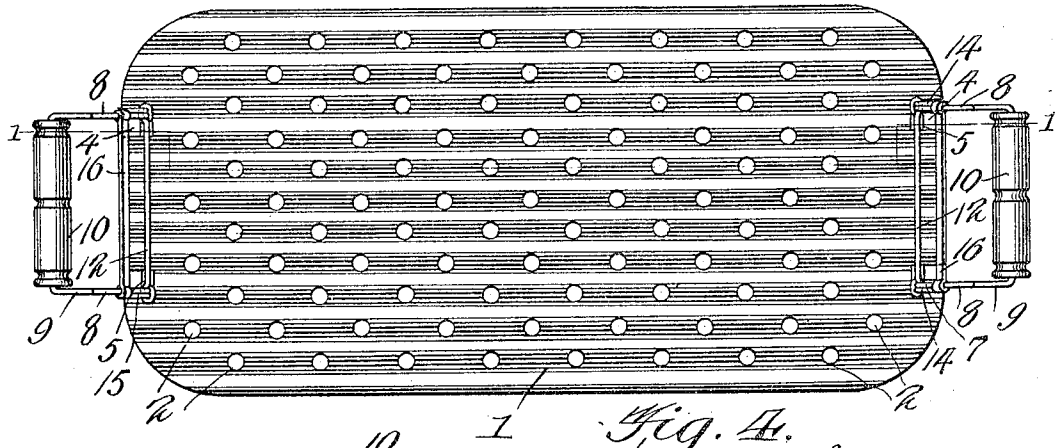


Fig. 3.

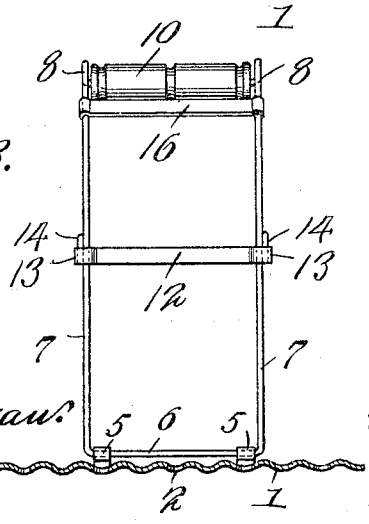
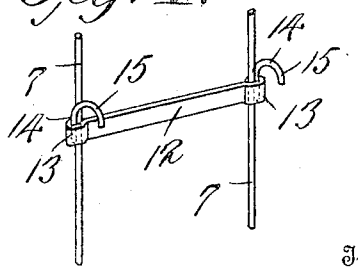


Fig. 4.



Witnesses

F. B. Hoffman.

D. W. Gould.

Inventor

William H. Rich

By Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

WILLIAM H. RICH, OF NEW ROCKFORD, NORTH DAKOTA.

WASHBOILER ATTACHMENT.

949,687. Specification of Letters Patent. Patented Feb. 15, 1910.

Application filed June 17, 1908. Serial No. 438,974.

To all whom it may concern:

Be it known that I, WILLIAM H. RICH, a citizen of the United States, residing at New Rockford, in the county of Eddy and State of North Dakota, have invented new and useful Improvements in Washboiler Attachments, of which the following is a specification.

The invention relates to an improvement in wash boiler attachments, and is particularly directed to a clothes support and lifter designed to be removably secured within the wash boiler to support the clothes during the boiling operation and to be elevated to support the clothes above the water in the boiler for initial draining.

The main object of the present invention is the provision of a clothes support including a base member and movably connected handles, the latter being structurally formed to provide for engaging the wash boiler rim at different points lengthwise of the handle to provide for holding the clothes support at different heights within the boiler.

The invention will be described in the following specification, reference being had particularly to the accompanying drawings, in which:—

Figure 1 is a view in longitudinal section, illustrating my improvement in position within a boiler. Fig. 2 is a plan of the clothes support. Fig. 3 is an end elevation of the same. Fig. 4 is a broken perspective of one of the handle members showing the additional hooks.

Referring particularly to the accompanying drawings, wherein is shown the preferred form of the improvement, the clothes support of this invention comprises a supporting plate 1 preferably of sheet metal corrugated longitudinally and formed with a series of openings 2, the longitudinal and transverse dimensions of the supporting plate corresponding approximately to the similar interior dimensions of the wash boiler 3, so that when said plate is within the boiler it will effectively support the clothes designed to be boiled. Each end of the supporting plate in two spaced positions is longitudinally slitted along parallel lines, as at 4, and the material thus separated from the plate is turned up and terminally coiled to provide pivot ears 5. In each pair of ears at each end of the plate is mounted a handle member preferably constructed of a single length of wire bent into U-form, the cross bar 6 of which is pivotally mounted in the ears 5 at one end of the plate, while the arms 7 of the handle member extend upwardly from the plate, as clearly shown in Fig. 3. The upper end of each of the arms 7 is bent laterally to form a curved portion 8, and beyond said curved portion the arms are continued to form a straight portion 9, the free terminals of the straight portions of each pair of arms being connected by a non-heat conducting handle 10. The curved portion 8 in each arm of each handle is adapted to engage the bead 11 of the wash boiler, and the arms are of such length and the curved portion so located that when said curved portion is in engagement with the beam, the supporting plate 1 will be maintained a short distance above the bottom of the boiler, so that the clothes supported on the plate will be subjected to a free circulation of the water during the boiling operation and thereby more effectively treated.

The arms 7 of each handle member are connected by a tie bar 12, preferably formed of a single strip of material looped at 13 about the respective arms 7. The terminals of each tie bar are so looped respectively as to include a separate wire section or length 14, which, above the tie bar, is bent into hook form at 15, the separate wire length 14 being so secured in the tie bar that the hook portions 15 will project outwardly from the arms, as clearly shown in Fig. 1. Hooks 15 are thus provided at a point between the plate 1 and the rim engaging curves 8 of the arms, so that said plate may, by obvious movement of the handles, be elevated within the boiler until the hooks 15 engage the arm 11 of the boiler, in which position the clothes carried by the plate will be ordinarily supported above the water within the boiler and permitted to initially drain the excess water through the openings 2 of the plate. Cross bars 16 unite the arms 7 of each handle member above the tie bars to brace the parts.

The improved clothes supporter is of simple construction and particularly applicable for the use intended. The handle members are so connected as to be conveniently folded into contact with the surface of the plate 1 when the device is not desired for use, while the pivotal mounting of the arms permits the use of the device with a boiler of much larger sectional dimensions than the similar dimensions of the device, the obvious move-

ment of the handle members serving to provide for supporting the plate within the boiler with the handle members projecting at an extreme inclination from the plate.

The device is of simple construction and is to be preferably made up of material not affected by the water, though the material or size of the device forms no important part of the present invention.

Having thus described the invention what is claimed as new, is:—

A wash boiler attachment comprising a longitudinally corrugated plate, integral ears projecting from the plate, and handle members pivotally mounted in the ears, each of said handle members comprising a U-shaped strip having its cross bar movably connected to the ears and arms projecting from said cross bar, said arms normally extending vertically from the plate for a portion of their lengths and above said vertical portions being inclined outwardly and formed with hoop-like bends, said arms being projected beyond the bends at an approximate right angle to the vertical portions and connected by a gripping member, a tie bar uniting the arms of each handle member, and hooks attached to said tie bars and adapted when the attachment is elevated to engage the rim of the boiler.

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

WILLIAM H. RICH.

Witnesses:

ERNEST S. SEVERTSON,

W. R. ERVIN.