

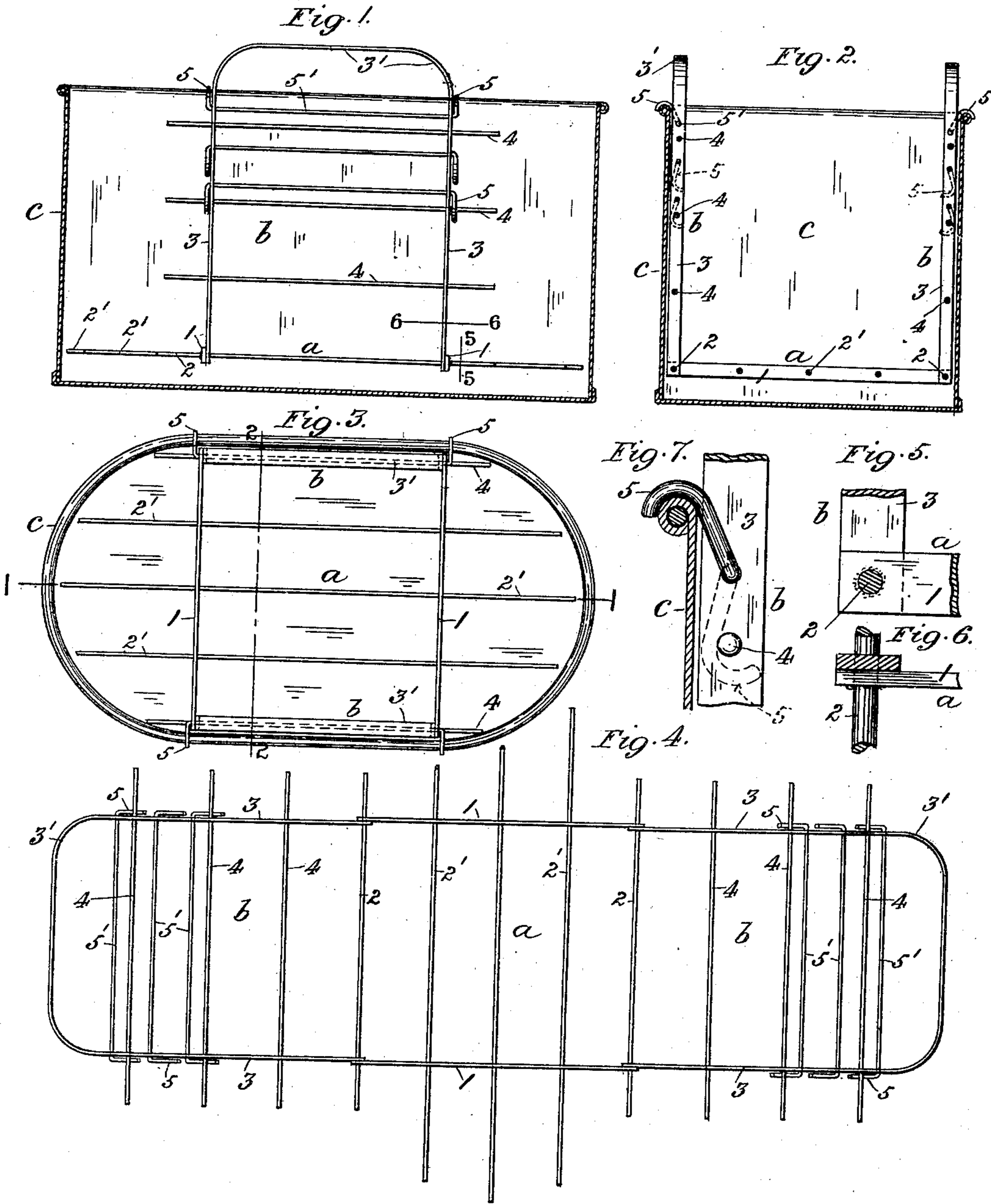
No. 707,667.

Patented Aug. 26, 1902.

S. B. WOODFORD.  
ATTACHMENT FOR WASHBOILERS.

(Application filed Dec. 2, 1901.)

(No Model.)



WITNESSES  
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# UNITED STATES PATENT OFFICE.

SAMUEL B. WOODFORD, OF IMPERIAL, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO CARL B. HAMILTON, OF CORAOPOLIS, PENNSYLVANIA.

## ATTACHMENT FOR WASHBOILERS.

SPECIFICATION forming part of Letters Patent No. 707,667, dated August 26, 1902.

Application filed December 2, 1901. Serial No. 84,464. (No model.)

*To all whom it may concern:*

Be it known that I, SAMUEL B. WOODFORD, a citizen of the United States, residing at Imperial, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improved Attachment for Washboilers, of which the following is a specification.

My invention relates to a clothes-holder and drainer attachment to washboilers, and has for its object to enable the clothes to be subjected to a thorough action of the water within the boiler and to be drained and removed from the boiler without direct handling or the use of a stick.

The invention consists in features of novelty, as hereinafter described and claimed, reference being had to the accompanying drawings, forming part of this specification, wherein—

Figure 1 is a longitudinal vertical section through a washboiler on line 1 1 in Fig. 3, showing my improved clothes-holder attachment in side elevation applied thereto; Fig. 2, a vertical transverse section through the boiler and clothes-holder on line 2 2 in Fig. 3; Fig. 3, a top plan of the same; Fig. 4, a top plan of the holder detached from the boiler and opened out into a horizontal or flat position; Figs. 5 and 6, cross-sectional detail views to enlarged scale through the holder on lines 5 5 and 6 6, respectively, in Fig. 1; and Fig. 7, an enlarged view of one of the hooks used for attaching the holder to the boiler as seen in Fig. 2.

Like letters and numerals of reference denote like parts in all the figures.

My improved clothes-holder consists of a bottom grate *a* and of two opposite side grates *b*, combined therewith and provided with means of attachment to a washboiler *c*.

The bottom grate *a* is composed, preferably, of two parallel bars 1, through which at their ends and intermediately thereto pass rods or wires 2 and 2', respectively, which are soldered or otherwise fixed to the bars 1 at suitable distances apart and form therewith an inflexible support for the clothes placed thereon. The bars 1 and wires 2 2' correspond approximately in length to the inside width and length, respectively, of the washboiler *c*. Each side grate *b* is composed, preferably, of

two parallel bars 3, which correspond in direction longitudinally to the bars 1 and are hinged at one end, respectively, to the corresponding end wire 2 of the bottom grate *a*, preferably in contact with the inside faces of the bars 1, as shown. The other or outer ends of the bars 3 are united by a curved or other suitably-shaped bar 3', which forms a bail or handle to the holder, as hereinafter more particularly referred to. Through the bars 3 at right angles thereto pass wires 4, which are soldered to the bars 3, similarly to the wires 2 2'. The side grates *b* correspond approximately in length to the inside height of the washboiler *c* plus the extent of the bails or handles 3', which are adapted to project above the sides of the boiler *c* through slots therefor in the boiler-cover. (Not shown.) On lifting the side grates *b* by the bails 3' from their extended position (shown in Fig. 4) until they assume an upright position or thereabout the holder is then inserted within the boiler *c*, as seen particularly in Fig. 2, until the bottom grate *a*, which thus forms the bottom of the holder, is at a suitable distance from the bottom of the boiler *c* and the side grates *b* parallel with and in proximity to the side walls of the boiler *c*, in which position of the parts the holder is attached to the boiler *c*, preferably by hooks 5, which are hinged to the bars 3 and engage the upper edges of the boiler *c*, as shown in detail, Fig. 7.

By having a series of hooks 5 one above the other at suitable intervals along the bars 3 the clothes-holder may be held at varying heights above the bottom of the boiler *c*, according to the amount of water therein or the required immersion of the clothes, the hooks 5 not in engagement with the edges of the boiler *c* being turned downward out of the way, as indicated by dotted lines in Fig. 7. The hooks 5 are preferably integral with wires 5', which pass through the bars 3 of each side grate *b*, as shown, or they may be otherwise hinged to the bars 3, or any other suitable device may be used for attaching the clothes-holder to the boiler *c* at any required height within the same.

By this invention the clothes being placed on the bottom grate *a* between the side grates *b* of the holder the boiling water has free cir-

culatation around, below, and through the clothes, which are thereby thoroughly cleansed, and subsequently by raising the holder from its lowest position and attaching  
5 it to the boiler *c* by the lowest or intermediate hooks 5 the bottom grate *a* can be held above the water and the clothes allowed to drain, and on further raising the holder before removing it from the boiler *c* the clothes  
10 can be squeezed by closing the side grates *b* toward each other at the top, whereby the slopping and annoyance caused in removing the saturated clothes from the boiler to the rinsing-tub by a stick in the ordinary way  
15 are obviated.

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

The combination with a washboiler, of a

clothes-holder consisting of a bottom grate, and two opposite side grates hinged to the 20 bottom grate, the said grates having respectively two parallel bars intersected at right angles by rods fixed to the said bars, and means for adjustably attaching the side grates 25 to the upper edge of the boiler for holding the bottom grate at a varying distance from the bottom of the boiler, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of 30 two subscribing witnesses.

SAMUEL B. WOODFORD.

Witnesses:

J. G. McLAUGHLIN,

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