

992,641.

Patented May 16, 1911.

Fig. 1.

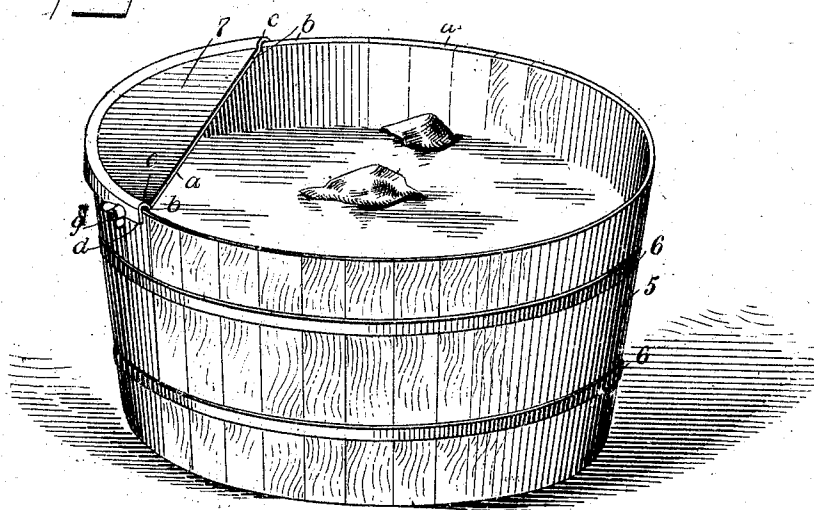


Fig. 2.

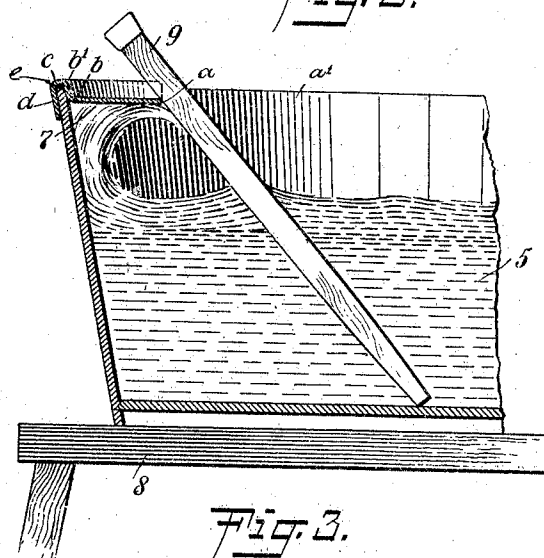
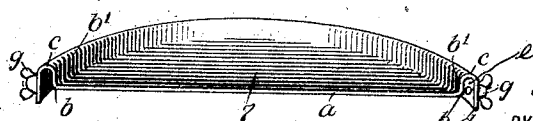


Fig. 3.

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SHELF ATTACHMENT FOR TUBS.

992,641.

Specification of Letters Patent.

Patented May 16, 1911.

Application filed January 5, 1910. Serial No. 536,540.

To all whom it may concern:

Be it known that I, JAMES M. CAHANEY, a citizen of the United States, and a resident of Dennison, in the county of Tuscarawas and State of Ohio, have invented a new and Improved Shelf Attachment for
Tubs, of which the following is a full, clear, and exact description.

The purpose of this invention is to provide a novel shelf attachment for a wash tub, which is mounted upon the upper edge of a tub, and which serves as a soap support, maintains a washboard inclined at the proper angle for service, and effectually prevents wash water in the tub from splashing over the edge of the tub behind the washboard.

The invention consists in the novel construction of the improved shelf, and its combination with a washtub, substantially as hereinafter described and defined in the appended claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of an ordinary washtub, and of the improvement detachably secured on the edge of the tub; Fig. 2 is a vertical transverse sectional view of a portion of a washtub, and a transverse sectional view of the improved shelf mounted on the edge of the tub and supporting a washboard inclined therein, and Fig. 3 is a detached perspective view of the improvement.

In the drawings, 5 indicates a washtub that is of the usual form, comprising wooden staves bound together by hoops 6, the tub being shown to illustrate the application of the improvement upon such a vessel.

The bracket-shelf, that constitutes the improved attachment, is formed of wood, metal or other suitable material; as shown, said shelf is constructed of plate metal cut and bent into form.

In the drawings, 7 indicates a flat segmental plate metal shelf body having a curved edge that joins a straight edge *a*. The curved edge defines the arc of a circle, somewhat greater than the curved edge *a'* on a tub such as 5. The convex edge portion *b* of the plate 7 is turned up at *b'* and return-bent at *c*, thus producing an outer

depending arcuate flange *d*, that is spaced from the upturned flange *b'*, affording a channel *e* therebetween, as appears in the drawings. In the depending flange *d*, near the corners formed where said flange joins the straight edge *a*, two set screws *g, g* are inserted in tapped perforations in said depending flange.

In use, assuming that the tub 5 is seated upon a bench 8 or other support, the shelf complete is mounted upon the tub by inserting a portion of the edge *a'* of the tub into the channel *e*, as shown clearly in Fig. 2, and causing said edge to have contact with the return-bend *c*. The set screws *g, g* are now screwed against the edge portion of the tub 5, whereby the shelf is removably secured on the tub, and the body portion 7 thereof projected over a portion of the open top of said tub, serving as a cover therefor.

It will be seen in Fig. 2 that an ordinary washboard 9 may be placed within the tub 5 and be inclined so as to rest against the straight edge *a* of the bracket shelf. When using a washboard 9 in the usual manner without the improvement, as it rests against the curved edge of the washtub, an opening is formed between the tub and washboard, and as the agitation of suds and water in the tub produces a swirling action in the tub, more or less of the water slops over the edge of the tub behind the washboard and drenches the clothing of the person doing this portion of the laundry work, greatly to her discomfort, this action of the suds water being indicated in Fig. 2.

As the flat body portion 7 of the bracket shelf is closely seated at the return bend *c* on the edge of the tub 5, it will be manifest that water cannot escape from the tub behind the washboard, and thus is prevented from wetting the clothing of the washerwoman. It will further be noted that the disposal of the bracket shelf body 7 across a portion of the open top of the tub 5, will support the washboard 9 at a proper incline for the comfortable and convenient use of said board. It will also be seen that the shelf body 7 affords ample space for holding a piece of soap, when the fabric to be washed is soaped and turned in the tub as a preliminary operation when the garments are to be rubbed, either by hand or on the washboard, as is usual in this work.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A bracket shelf for a washtub, having
5 a straight edge joined to a convex edge portion, said portion having an arcuate channel therein which receives the free circular edge of said tub.

2. A bracket shelf for a washtub, embody-
10 ing a body portion having a straight edge, and a convex edge, an upturned flange near the curved edge, a return-bent depending

flange spaced from the upturned flange, producing an arcuate channel between said flanges, and set screws in the depending 15 flange near the straight edge of the body.

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

JAMES M. CAHANEY.

Witnesses:

RAY GEHRING,
HARRY RIFFLE.