May 12, 1931. J. L. ARLT 1,805,068

WASHTUB

Filed Feb. 10, 1930

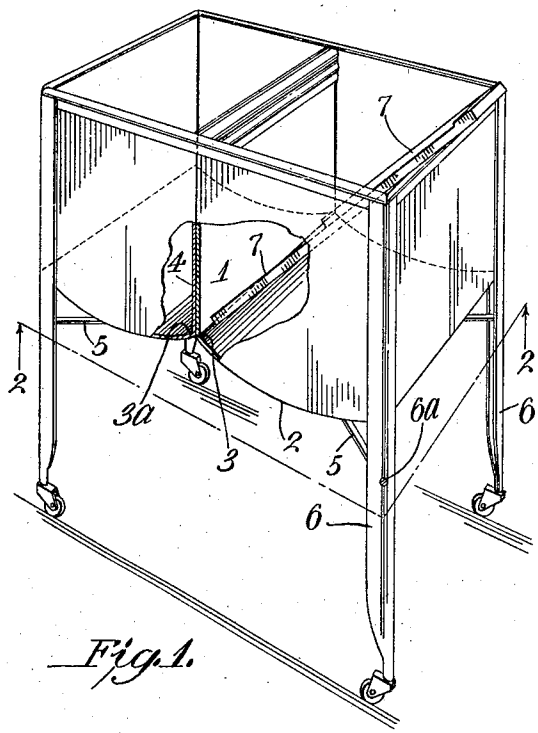


Fig. 1.

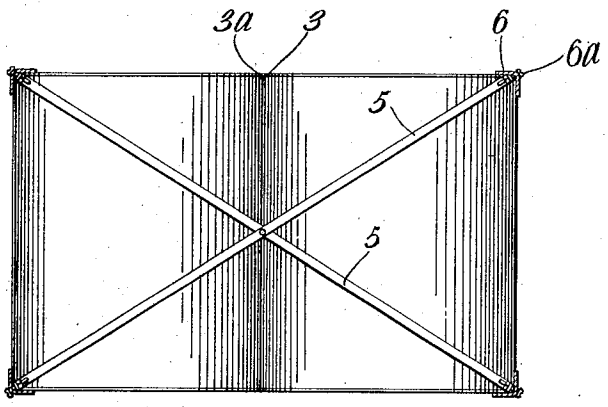


Fig. 2.

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UNITED STATES PATENT OFFICE

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WASHTUB

Application filed February 10, 1930. Serial No. 427,190.

This invention relates to wash tubs and pertains more particularly to a tub made of sheet metal.

The objects of the invention are to provide a tub comprising a downwardly curved bottom and flat sheet metal walls, the bottom so arranged that two tubs can be set side by side and mounted in a frame having four legs that are tied together beneath the tubs so as to hold the two tubs tightly together along the lines of junction of their respective bottoms and side walls so as to form a unitary twin tub structure that is strong, durable and rigid, yet capable of being manufactured in quantities with a relatively small expense for labor.

Another object of the invention is to provide a sheet metal tub of the kind described with a curved bottom and upright side wall formed by bending a sheet of metal so as to provide along their line of juncture a V-shaped angle or groove adapted to receive and hold the bottom ends of the two legs of a wash-board inserted in the tub, the purpose of this arrangement being to rigidly support the wash-board while in use and prevent its shifting or sliding in the tub and to enable the board to be dropped into the tub, its legs resting on the curved bottom of the tub, so that when the top rail of the wash-board which projects above the tub is pushed downward the legs of the board will slide along the curved bottom of the tub until they arrive at the groove formed by the bottom and the vertical wall, wherein they are rigidly held in the manner described.

With the foregoing objects in view, which will appear later in the specification, my invention comprises the devices described and claimed and the equivalents thereof.

In the drawings Fig. 1 is a perspective view, partly broken away, showing a twin tub embodying my invention.

Fig. 2 is a plan view of the bottom of the tub shown in Fig. 1, the view being taken from below the plane 2—2 of Fig. 1.

As is clearly shown in the drawings 1 indicates an upright side wall of a sheet metal tub formed with a downwardly curved bottom 2 which is preferably integral with wall 1. The juncture of the wall 1 and bottom 2 forms a V-shaped groove or angle 3 extending across the tub from side to side. Two such tubs, placed together, have their longitudinal edges 3, 3*a* adjacent as shown, the walls 1 and 4 being held tightly together by tie braces 5, 5 that connect the opposite legs 6, 6, being secured by screws 6*a*, and the top rim of the tub is reinforced by a suitable frame structure, to which the upper ends of the legs 6 are fastened, as shown.

A wash-board 7 dropped into one of the tubs, as shown in Fig. 1 and placed with the lower ends of its legs in the groove 3, its upper part resting upon the top edge of the tub, will be held rigidly in place during all ordinary use of the wash-board and will retain its working position regardless of the amount of pressure that may be put upon the board. Without the groove 3 the ends of the wash-board legs would slide upon the curved bottom 2 and the board would shift while in use. The two corner grooves 3, 3*a* being directly opposite each other, as shown in Fig. 1, at the place where the thrust of the wash-board is greatest, it is evident that one of the tubs serves as a reinforcement for the other, thus making a strong, rigid structure that can be made of relatively light material without any danger of springing.

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

Twin tubs having flat upright side walls positioned with two of the side walls together, supporting legs engaging the outside corners of said tubs, and tie members beneath the tubs and connecting diagonally opposed legs to hold the said side walls together.

In testimony whereof, I affix my signature.

JOHN L. ARLT.