March 15, 1927. 1,621,260

W. E. LINDEMUTH

ADJUSTABLE LEG FOR TUBS OR THE LIKE

Filed Jan. 11, 1926

Fig. 1.

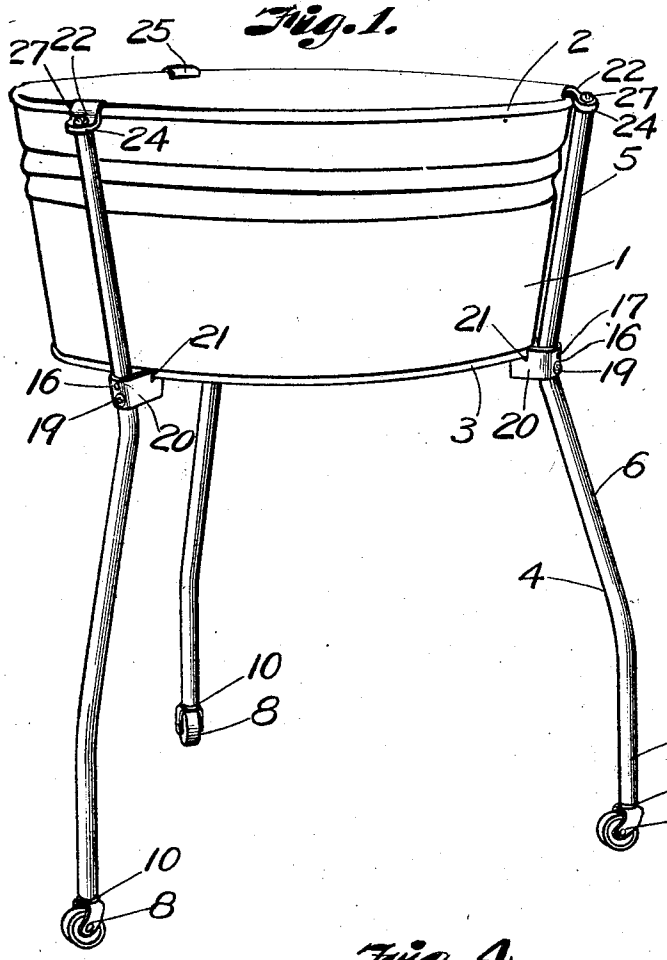


Fig. 2.

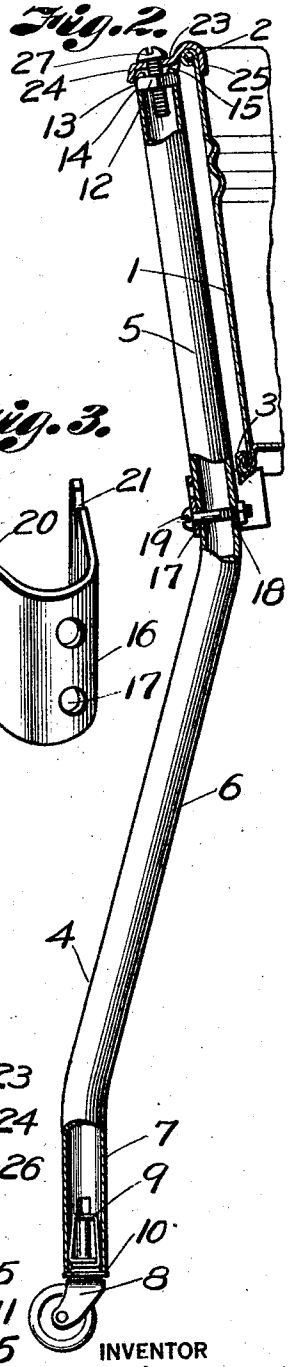


Fig. 3.

Fig. 4

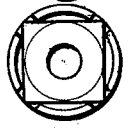


Fig. 5.

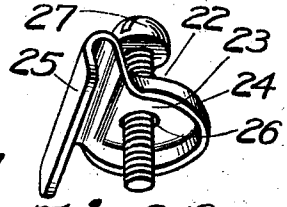


Fig. 6

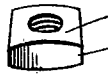


Fig. 7

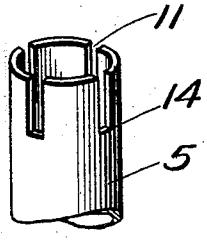
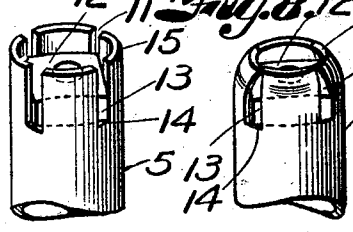


Fig. 8.



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UNITED STATES PATENT OFFICE.

WILLIAM E. LINDEMUTH, OF KANSAS CITY, MISSOURI, ASSIGNOR TO THE TODD COMPANY, OF KANSAS CITY, MISSOURI, A CORPORATION OF MISSOURI.

ADJUSTABLE LEG FOR TUBS OR THE LIKE.

Application filed January 11, 1926. Serial No. 80,521.

My invention relates to an attachable leg for tubs or the like and has for its principal object to provide a leg of a simple and economical construction which can be easily, quickly and securely applied to a wash tub of the ordinary type.

It is an object of my invention to provide for separation of a tub and its legs for storage or shipment, and adapt the legs for quick, easy and semi-permanent connection with the tubs at their point of use, so that the tubs can be nested as for shipment, the legs arranged in bundles and the tubs and legs sold and delivered in sets with instructions for the attachment of the legs to the tub by the user.

Also in accomplishing the object of my invention, I have provided improved details of structure, the preferred forms of which are illustrated in the accompanying drawings wherein:—

Fig. 1 is a perspective view of an ordinary type of wash tub equipped with detachable legs in accordance with my invention.

Fig. 2 is a vertical section of a portion of the tub with one of the legs attached, the leg being broken away to better illustrate its detail construction.

Fig. 3 is a detail perspective view of a leg bracket for supporting the tub.

Fig. 4 is an upper end view of one of the legs illustrating its clamp socket.

Fig. 5 is a detail perspective view of the tub clamp and its means for attachment to the leg.

Fig. 6 is a detail view of the upper end of the leg with its attachment socket, the parts being shown in separated relation.

Fig. 7 is a similar view of the same parts, with the socket member in place.

Fig. 8 is a similar view of the same parts with the socket member anchored.

Referring more in detail to the drawings:

1 designates a metal wash tub of ordinary construction comprising an upper, rolled edge 2 and lower chime 3.

4 designates a leg preferably formed from a piece of metal tubing and bent to a double V shape to provide an upper portion 5 that may lie parallel with the wall of the tub, a middle portion 6 outwardly extended to carry the lower downward end 7 away from the vertically extended line of the tub, to form a substantial, bracing support for the tub when the proper number of legs are attached thereto, in a manner presently described. The lower end of the leg carries a caster wheel 8 which may be of any ordinary construction, and permanently connected with the leg in any suitable manner. In Fig. 2 of the drawings I show the caster wheel provided with a shank 9 located within the tubular body of the leg and connected thereto by a cap 10.

The upper end of the leg is provided with right angularly arranged slots 11; and seated within the leg is an ordinarily nut 12 of such cross sectional dimension that when projected into the end of the leg the corners 13 will project into the slots 11 and seat on the inner ends 14 thereof to support the nut and prevent its turning within or dropping through the leg. The slots 11 are of greater length than the thickness of the nut, so that lips 15 extend above the top of the nut when the latter is in place, and are peaned over, as shown in Figs. 2 and 8, to lock the nut securely in its seat.

The upper angle of the leg is so located as to provide a tub paralleling portion 5 of slightly greater length than the height of the side wall of the tub; and fixed to said portion 5 is a bracket 16 preferably of sheet metal, bent to a U shape to embrace the leg and fit snugly thereagainst, the base of the bracket being provided with apertures 17 adapted to selectively register with apertures 18 in the walls of the leg to receive a bolt 19 whereby the bracket may be securely attached to the tub, the plurality of apertures 17 being provided in the bracket to render the bracket adjustable on the leg to accommodate tubs of different depth. The flanges 20 of the bracket spread somewhat and are provided in their upper edges and near their free ends with notches 21 for receiving the chime 3 of the tub to which the leg is applied.

A clamp 22, provided for engagement with the rim of the tub, preferably comprises a cap 23 of sheet metal of slightly greater diameter than that of the tubular leg and having a flange 24 for fitting over the top of the leg, and a hoop 25 projected from the cap and adapted for fitting over the rim of the tub. The cap is perforated at 26 to receive a screw 27 which may be projected through the perforations in the cap and threaded into the nut 12 in the top of the leg.

The brackets are preferably attached to the legs at the factory, and the clamps assembled with the legs, so that they may be conveniently at hand for the user to assemble the same with the tub.

To assemble the legs with the tub, the user may apply each leg in turn to the wall of the tub by seating the notched bracket over the chime of the tub, turning the clamp to fit over the rim of the tub, and then tightening the screw 27 until it draws the clamp snugly and securely against the rim of the tub.

Three legs preferably constitute a set, as with this number properly arranged about the tub a substantial bracing support is afforded.

While the legs are preferably furnished in sets with the tubs, they may be used with other tubs already in the possession of the purchaser, and if such other tubs are of different depth than the one with which the legs are furnished, the bracket 16 may be adjusted to adapt the legs to such other tubs.

It is apparent that while the principal advantage of the invention is in the convenience of storing and delivery by the manufacturer and dealer, it is also a matter of convenience to the owner, as the legs can be easily and quickly attached to the tub and when in place support the tub at a convenient height for use, and, being mounted on caster wheels, permit the tub to be moved about. The legs can, however, be easily and quickly detached from the tub should the owner wish to use the legs on another tub or to "knock down" the tub for any purpose.

What I claim and desire to secure by Letters-Patent is:—

An attachable leg for tubs or the like, comprising a tubular standard having a slotted upper end, a nut within the upper end of the leg having its corners seated within the slots, the slotted portions of the standard being peaned over the nut to form an inturned flange to retain the latter in its seat, a screw threaded into the nut, a clamp engaged by the screw comprising a tub engaging portion and a flanged portion embracing the upper end of the standard, and a bracket attached to the leg in position for supporting a tub between the bracket and clamp.

In testimony whereof I affix my signature.

WILLIAM E. LINDEMUTH.