

J. H. GIBBS.

WASHTUB.

APPLICATION FILED JUNE 10, 1912.

1,053,168.

Patented Feb. 18, 1913.

3 SHEETS-SHEET 1.

Fig. 1.

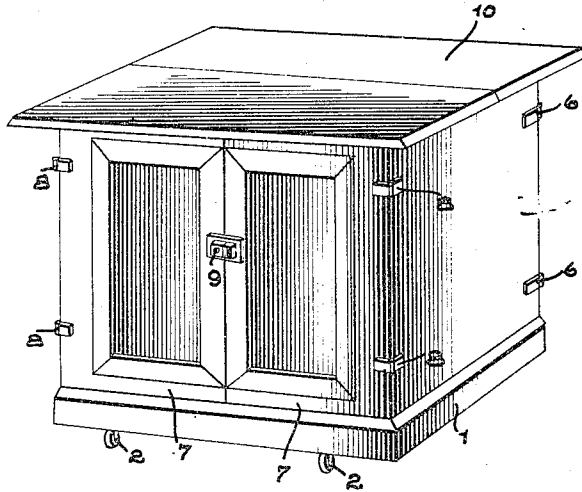
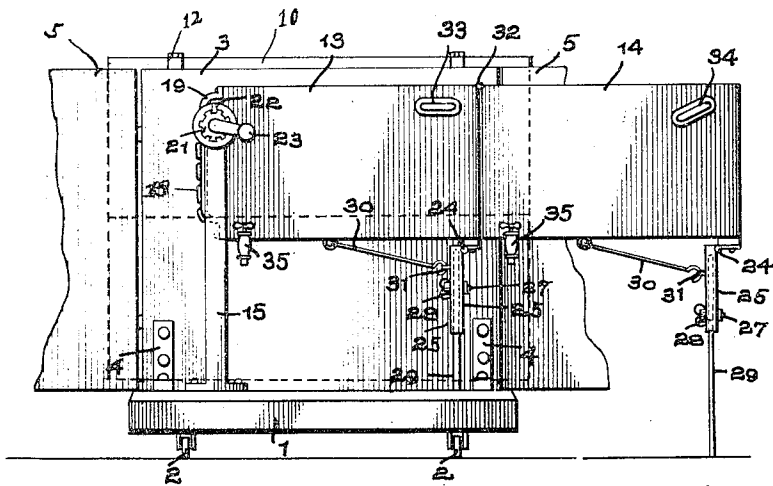


Fig. 2.



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Witnesses

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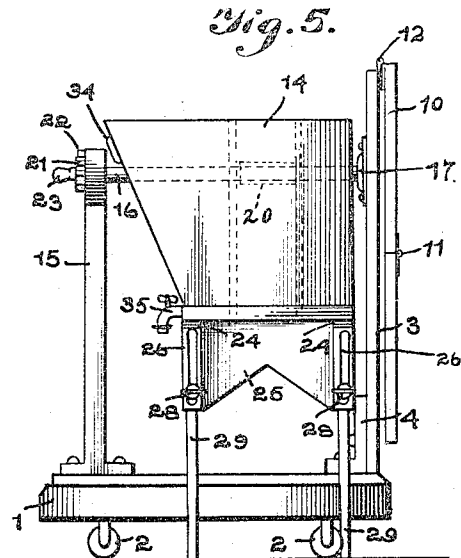
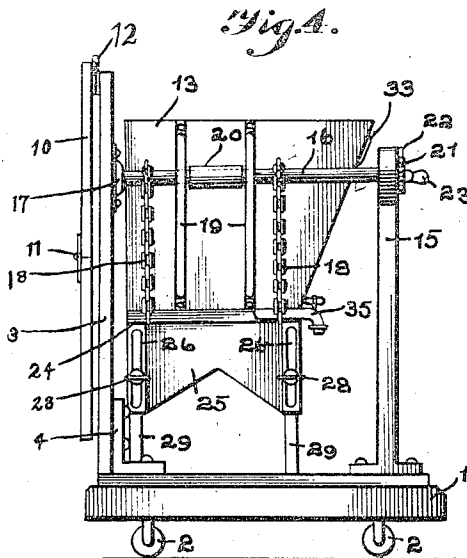
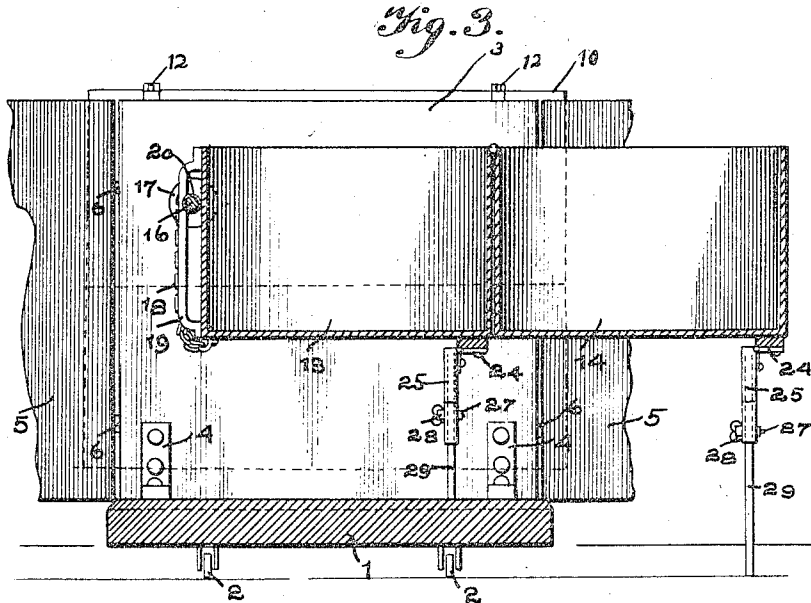
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3 SHEETS-SHEET 2.



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3 SHEETS—SHEET 3.

Fig. 6.

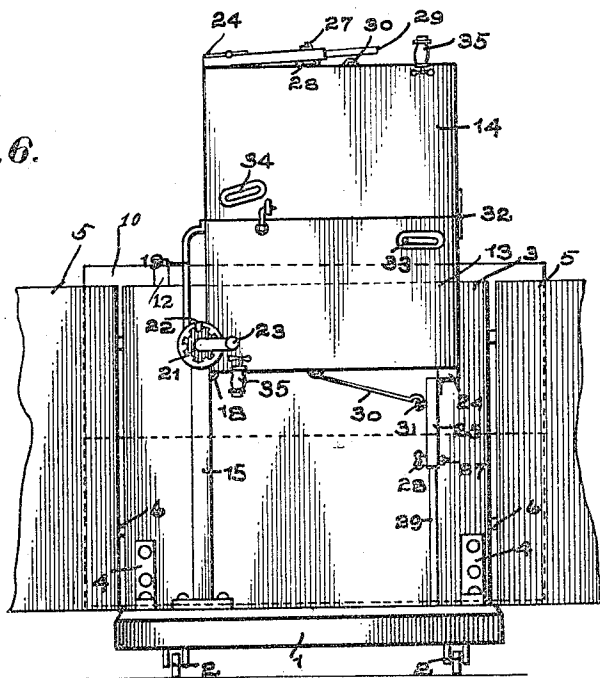


Fig. 7.

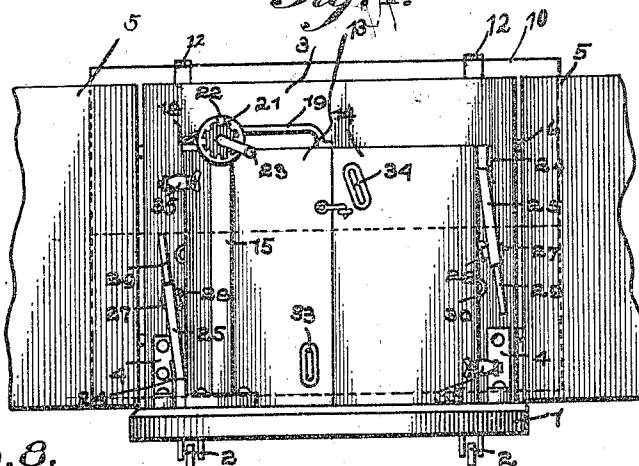
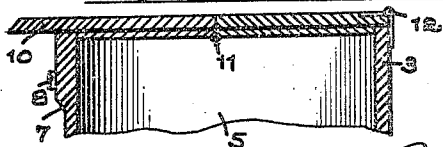


Fig. 8.



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UNITED STATES PATENT OFFICE.

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WASHTUB.

1,053,168.

Specification of Letters Patent.

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Application filed June 10, 1912. Serial No. 702,785.

To all whom it may concern:

Be it known that I, JOHN H. GIBBS, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Washtubs, of which the following is a specification.

My invention relates to improvements in wash tubs, the object of the invention being to provide a pair of wash tubs of improved construction with improved mounting therefor, which permits the tubs to be folded together and inclosed within a box-like compartment, which will be ornamental in appearance, which will occupy but relatively small space, and which may be readily moved from place to place where the tubs are desired for use.

A further object is to provide an improved construction of folding tubs which may be readily manipulated by any one of average strength, as the tubs will be comparatively light, and their movement readily accomplished and which will be strong and durable in construction and efficiently perform the functions for which they are intended.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings: Figure 1, is a perspective view showing my improvements with the tubs inclosed in their folding casing. Fig. 2, is a view in elevation of the tubs showing them in operative position and illustrating the casing partly broken away. Fig. 3, is a view in longitudinal section on an enlarged scale showing the tubs in the position illustrated in Fig. 2. Figs. 4, and 5, are end views of the construction illustrated in Fig. 2. Fig. 6, is a view in elevation showing one tub folded down upon the other. Fig. 7, is a view in elevation showing both tubs swung down upon the platform or support ready to be incased, and Fig. 8, is a view in section illustrating the cover.

My improved wash tubs are supported upon a base 1 mounted to roll on casters 2 and having a back plate 3 rigidly secured to the base by brackets 4. To this back plate 3, ends 5 are connected by hinges 6 and front doors 7 are connected by hinges 8 with

ends 5. These front doors are provided with a catch 9 to hold them in closed position, and the upper end of the casing 6 thus formed is closed by a top 10. This top 10 comprises two plates secured together by hinges 11 and connected to the back 3 by hinges 12. These hinges 11 and 12 permit the top 10 to be folded together and allowed to rest behind the back 3 when the tubs are in use. The doors 7, 7, and the ends 5 are swung out of the way so as to permit ready access to my improved tubs 13 and 14 which will now be described.

An upright 15 is secured to base 1, and at its upper end provides rotary mounting for one end of a shaft 16, the other end of said shaft supported in a bearing 17 on back 3. This shaft 16 is connected by chains 18 with the bottom of the tub 13, so that by turning the shaft, one end of the tub 13 may be raised and lowered. The shaft 16 projects through guide bars 19 secured to the end of the tub 13, and a block 20 is fixed to shaft 16 between these guides 19, and prevents any movement of the tub longitudinally of the shaft.

A toothed wheel 21 is secured on the shaft 16, and is engaged by a pivoted dog 22. A crank handle 23 is provided on the shaft to turn the same, and this dog 22 will lock the shaft at any position of adjustment. The opposite end of tub 13 at its bottom, is connected by hinges 24 with plates 25. These plates 25 have slots 26 therein to receive bolts 27, and wing nuts 28 serve to secure legs 29 at various vertical adjustments. These legs 29 rest upon base 1, and together with the chains 18, serve to hold the tub 13 in operative position. A relatively long hook 30 is connected to the bottom of the tub 13, and engages an eye 31 on plate 25 to prevent any accidental hinged movement of plate 25.

Tub 14 is connected at one end at its upper edge with tub 13 by hinges 32, and the free end of this tub 14 is supported by a plate 25 and legs 29, precisely like the structure supporting one end of tub 13, and this supporting structure of tub 14 is given the same reference characters as the supporting structure of tub 13.

Hand grips 33 and 34 are provided on tubs 13 and 14 respectively to facilitate the movement of the tubs in folding them and in moving them to operative position. These tubs and the other parts of my improved

apparatus are preferably made of metal, because of lightness and durability, but the invention is not limited to any particular material, although sheet metal readily lends itself to the use.

Drain cocks 25 are provided on the tubs 13 and 14 at their lower ends, and the tubs will be so shaped in their bottoms as to drain toward these cocks. Fig. 2 shows the tubs in operative position, and they may be adjusted vertically by means of the shaft 16 and legs 29 so as to position them at any desired height to suit the user.

When the washing operation is ended and the tubs drained, they should be folded together and incased. The first operation is to disconnect the hook 30 of tub 14 and swing the legs up against the bottom of the tub. This tub 14 is then swung on top of tub 13 as indicated in Fig. 6. The next operation is to release hook 30 of tub 13, so that the legs may swing under the bottom of tub 13, when both tubs are swung around to the position shown in Fig. 7. Before doing this, however, shaft 16 is turned to elevate tub 13 far enough to allow the tubs to swing around in the arc of a circle and rest upon the base. The legs 29 are shown lengthened in Fig. 6 to support the tubs in this position, but when in actual operation, this end of the tub would be manually supported, while it is being adjusted ready to swing downwardly. The ends 5 of door 7 are then swung into closed position, and the top 10 placed over the casing, when the device will be ready to be rolled to one side out of the way and act as a table.

Various slight changes might be made in the general form and arrangement of parts described without departing from my invention, and hence I do not limit myself to the precise details set forth, but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claims.

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

1. The combination with a base, uprights on the base, a horizontal shaft supported in the uprights, a tub movably supported at one end on the shaft, flexible devices con-

necting the tub at one end with the shaft, hinged legs adapted to support the other end of said tub, a second tub hinged to the leg end of the first-mentioned tub, and hinged legs on the free end of said last-mentioned tub, substantially as described.

2. The combination with a base, uprights on the base, a horizontal shaft supported in the uprights, a tub movably supported at one end on the shaft, flexible devices connecting the tub at one end with the shaft, hinged legs adapted to support the other end of said tub, a second tub hinged to the leg end of the first-mentioned tub, hinged legs on the free end of said last-mentioned tub, said last-mentioned tub adapted to be folded face downward upon the first-mentioned tub, and means for moving the first-mentioned tub on the shaft, whereby the ends of both tubs are positioned on the base, substantially as described.

3. The combination with a base, uprights on the base, a horizontal shaft supported in the uprights, a tub, guides on the end of the tub positioned over the shaft, a block fixed to the shaft and located between the guides, flexible devices connecting the shaft with the end of the tub, a second tub hinged at its end to the first-mentioned tub, and hinged legs on the free ends of said tubs, substantially as described.

4. The combination with a base, an upright on the base, a wall on the base, a shaft supported in said wall and said upright, a tub, chains connecting said tub with the shaft, a crank arm on the shaft, a toothed wheel on the shaft, a dog engaging the toothed wheel, guides on the tub through which said shaft projects, means holding the tub against movement longitudinally of the shaft, legs supporting the other end of said tub, and a second tub having hinged connection with the first-mentioned tub, substantially as described.

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

JOHN H. GIBBS.

Witnesses:

R. H. KRENKEL,
CHARLES E. POTTS.