

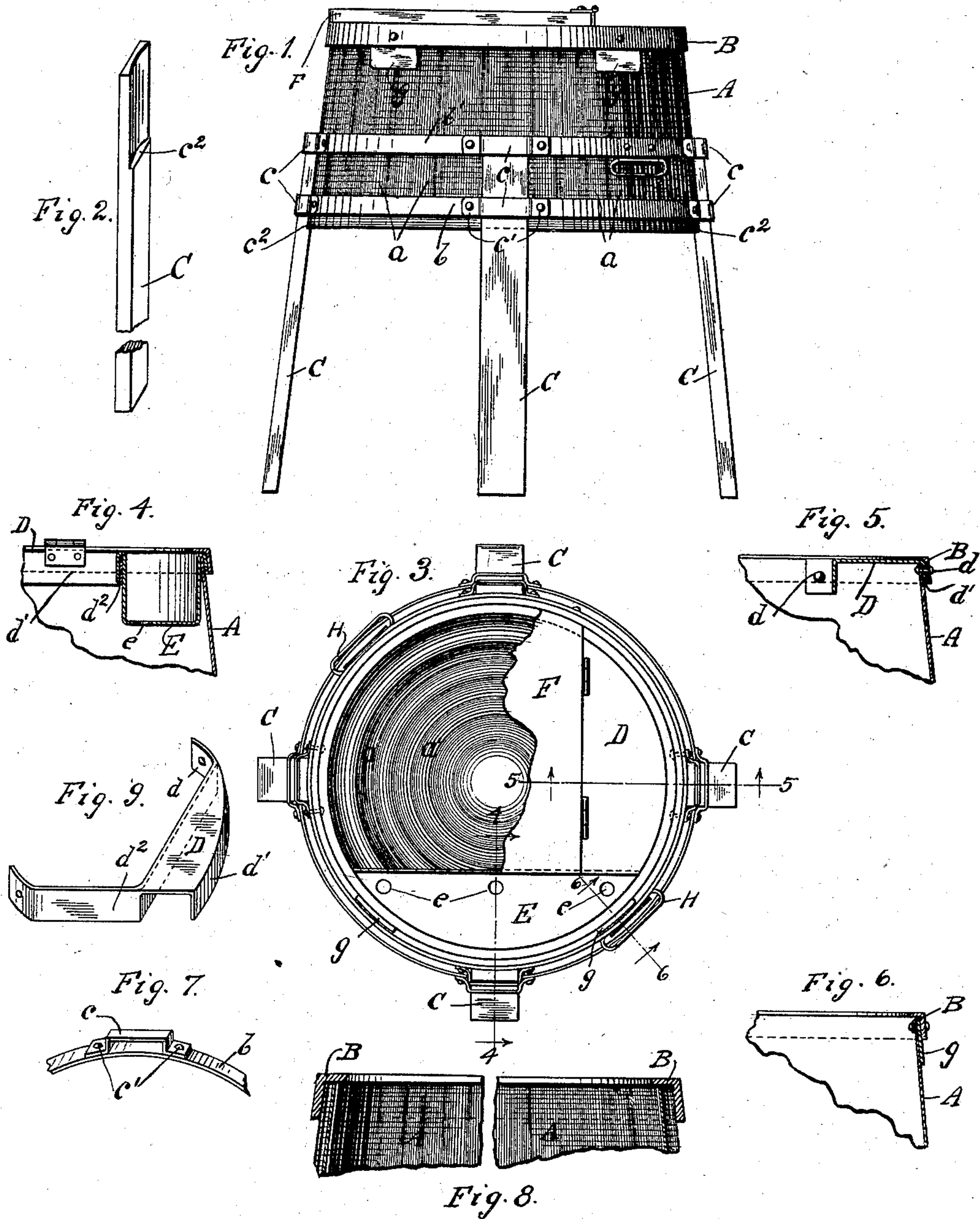
No. 702,221.

Patented June 10, 1902.

F. C. KAINER.
WASHTUB.

(Application filed Dec. 2, 1901.)

(No Model.)



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UNITED STATES PATENT OFFICE.

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WASHTUB.

SPECIFICATION forming part of Letters Patent No. 702,221, dated June 10, 1902.

Application filed December 2, 1901. Serial No. 84,402. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK C. KAINER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Washtubs, of which the following is a specification.

This invention relates to improvements in washtubs, and more especially to that class thereof on which a machine is used for washing the clothes; and it consists in certain peculiarities of the construction, novel arrangement, and operation of the various parts thereof, as will be hereinafter more fully set forth and specifically claimed.

The objects of my invention are to provide a washtub which shall be simple and inexpensive in construction, strong, durable, and light in weight and of such material and make that it will not shrink or fall to pieces when being shipped or when allowed to become dry.

Other objects and advantages will be disclosed in the subjoined description and explanation.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe it, referring to the accompanying drawings, in which—

Figure 1 is a view in front elevation of a washtub embodying my invention. Fig. 2 is a perspective view of one of the legs or supports thereof detached. Fig. 3 is a plan view of the tub, showing a portion of the cover thereof broken away to disclose the corrugated bottom. Fig. 4 is a fragmental sectional view taken on line 4 4 of Fig. 3 looking in the direction indicated by the arrows and showing the manner of constructing the wringer box or receptacle. Fig. 5 is a similar view taken on line 5 5 of Fig. 3 looking in the direction indicated by the arrows and showing the manner of securing the fixed part of the cover in position. Fig. 6 is a sectional view taken on line 6 6 of Fig. 3 looking in the direction indicated by the arrows and showing the manner of securing the plates for the wringer-clamps to the body of the tub. Fig. 7 is a perspective view of a portion of one of the hoops. Fig. 8 is a fragmental view in sectional elevation of the upper portion of the

body of the tub, and Fig. 9 is a perspective view of the fixed portion of the cover detached.

Similar letters refer to like parts throughout the different views of the drawings.

A represents the body of the tub, which may be made of any suitable size, form, and material, but is preferably cylindrical in shape, and may be of galvanized sheet metal and has its walls provided or formed with vertical corrugations *a* and its bottom with concentric corrugations *a'*, as is clearly shown in Fig. 3 of the drawings. Surrounding the lower portion of the body A are hoops *b* and *b'*, each of which is provided with a series of loops or socket-pieces *c* for the reception of the upper portion of the legs C, which support the tub. The loops or socket-pieces *c* are secured to the hoops by means of rivets *c'*, as is clearly shown. The upper inner portions of the legs are recessed to form shoulders *c''*, on which the bottom of the tub will rest, thus supporting the weight of the same and removing the strain from the loops or socket-pieces *c* on the hoops. Located on the upper rim of the body A is an angle-iron hoop B, which extends downwardly on the outside of the body, as is clearly shown in Fig. 8 of the drawings.

Secured on the upper inner portion of the body A by means of rivets *d* is the fixed portion D of the cover or top of the tub. This fixed portion D has a downturned flange *d'*, which rests on the outside of the body A and between the said body and the angle-iron hoop or piece B, as is clearly shown in Fig. 5 of the drawings. Extending at right angles from the horizontal part of the piece D is an arm *d''*, which is fastened at its free end to the inner surface of the body and serves as a partial support for the wringer box or receptacle E, which has its upper edges bent so as to overlap the rim of the body A and the arm *d''*, as shown in Fig. 4 of the drawings. Hinged to the straight edge of the part D is a door or cover F, on which the mechanism for washing the clothes may be mounted.

The wringer box or receptacle E is provided with a series of openings *e* in its bottom to permit the passage of water therefrom to the tub, and said wringer box or receptacle is for the purpose of receiving the water as it is ex-

pressed from the garments and also for the purpose of preventing the steam escaping from the tub. Near each end of the wringer box or receptacle and located between the 5 downturned flange of the angle-iron hoop or piece B is a plate *g* for the clamps of the wringer. (Notshown.) These plates are about flat and afford a good support for said clamps. Secured to the hoop *b'* and at the lower edge 10 thereof on diametrically opposite sides of the tub-body are handles H to be used for lifting or moving the tub.

Having thus fully described my invention, what I claim as new, and desire to secure by 15 Letters Patent, is—

In a tub, the combination of a tub-body, with the fixed portion of the cover secured to

the inner portion of the body and overlapping the upper part thereof and provided with an arm to form a part support for the wringer- 20 box, the said wringer-box having its upper edges bent to overlap said arm and the rim, and being located between the said arm and rim of the body, and an angle-iron hoop located on the rim of the body on the top of the 25 overlapping portion of the fixed part of the cover and on the top of that portion of the wringer-box overlapping a portion of the rim of the body, substantially as described.

Executed November 27, 1901.

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