F. E. WOLCOTT.

WASHING MACHINE.

APPLICATION FILED AUG. 13, 1919.

1,390,224.

Patented Sept. 6, 1921.

2 SHEETS—SHEET 1.

Fig. 1.

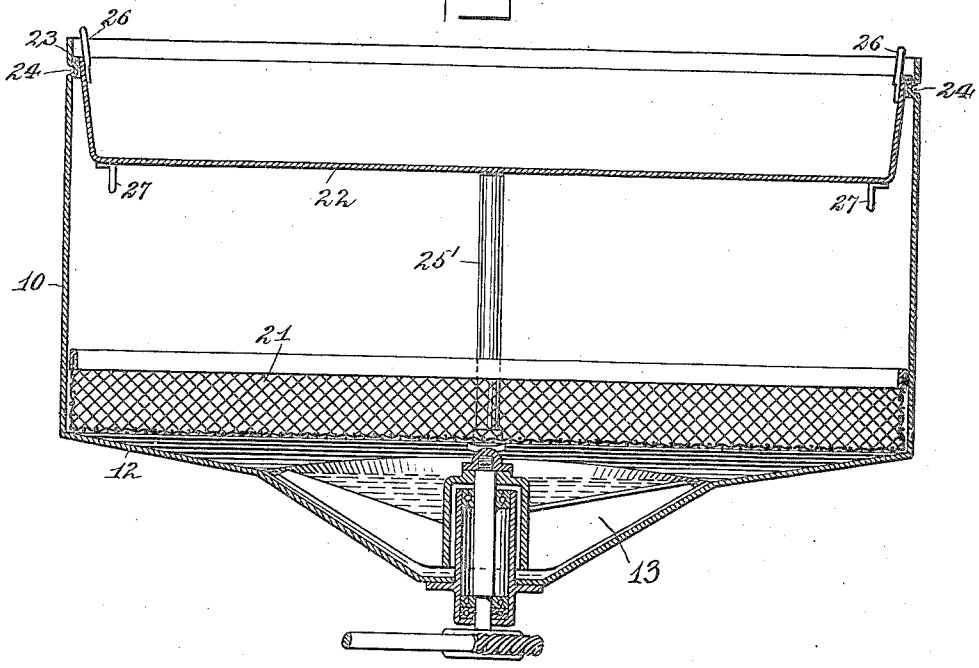
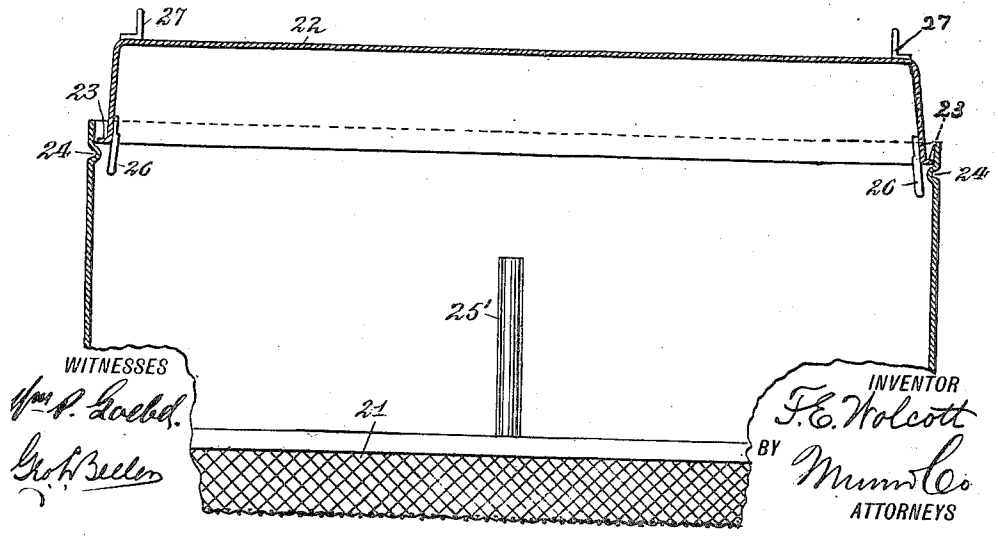


Fig. 2.



WITNESSES

Wm. P. Cobb.

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2 SHEETS—SHEET 2.

Fig. 3.

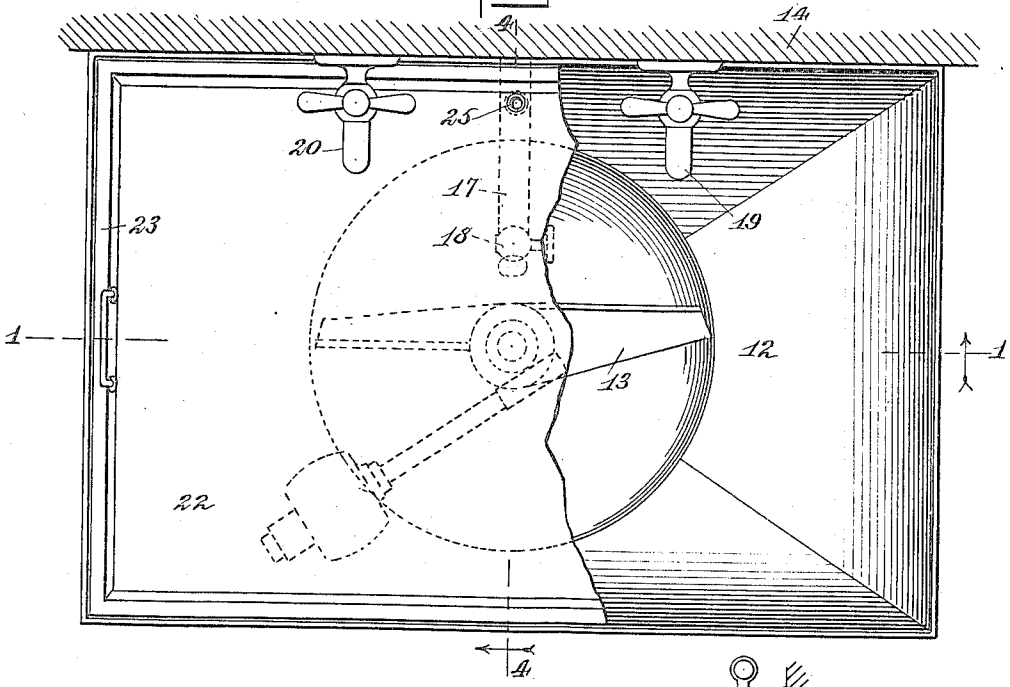
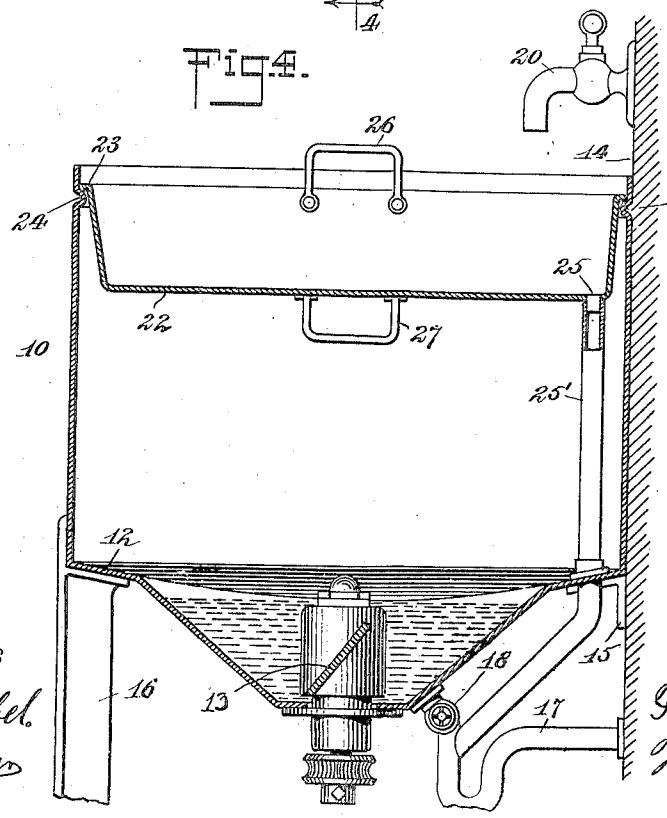


Fig. 4.



WITNESSES

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FRANK E. WOLCOTT, OF HARTFORD, CONNECTICUT.

WASHING-MACHINE.

1,390,224. Specification of Letters Patent. Patented Sept. 6, 1921.

Application filed August 13, 1919. Serial No. 317,207.

To all whom it may concern:

Be it known that I, FRANK E. WOLCOTT, a citizen of the United States, and a resident of Hartford, in the county of Hartford and State of Connecticut, have invented a new and Improved Washing-Machine, of which the following is a full, clear, and exact description.

This invention relates to washing machines generally, whether for washing dishes or the like, or for laundry or other purposes.

Among the objects of the invention is to provide a novel construction embodying in one and the same device all of the essential features of a sink and a washing machine adapted for interchangeable use as either.

More specifically stated in the practice of this invention I contemplate installing a washing machine as a permanent fitting of a dwelling house or the like, and adapting the same for use as a sink whereby the water for the machine, either hot or cold, may be drawn directly from the wall faucets as commonly installed, and the drainage from the machine will be connected to the waste pipe ordinarily employed to lead from the bottom of the sink.

With the foregoing and other objects in view the invention consists in the arrangement and combination of parts hereinafter described and claimed, and while the invention is not restricted to the exact details of construction disclosed or suggested herein, still for the purpose of illustrating a practical embodiment thereof reference is had to the accompanying drawings, in which like reference characters designate the same parts in the several views, and in which—

Figure 1 is a vertical longitudinal section on the line 1—1 of Fig. 3.

Fig. 2 is a similar view, but with the cover member inverted.

Fig. 3 is a plan view of the device arranged as in Fig. 1 and with parts broken away; and

Fig. 4 is a vertical transverse section on the line 4—4 of Fig. 3.

Referring now more specifically to the drawings I show my present construction as comprising a receptacle 10 having a bottom with a central conical portion 11 and a surrounding deck portion 12, or as more fully set forth in my co-pending application Serial No. 317,206, of even date herewith, and designed to accommodate a dasher or impeller 13 having preferably the characteristics as to location, functions and operating means as fully set forth in my co-pending application Serial No. 317,205.

As above premised the principal characteristics of this specification, distinguishing it from the others referred to, relate to the receptacle for use specifically as a sink or as a substitute for a sink and possessing peculiar features of adaptability for dwelling houses or small city apartments where the element of room or space is of paramount importance.

The receptacle 10 consequently is designed to be supported near or against a wall 14, as upon brackets 15 and legs 16 or any other suitable supporting means. From the bottom extension 11 leads a vent or sewer connection 17 similar to the usual outlet for a sink and this vent may be guarded by a plug or cock 18 of any convenient nature providing for the closure of the bottom or opening thereof to discharge the contents of the receptacle. Consequently as indicated I provide for the receptacle hot and cold water faucets 19 and 20 or arrange the receptacle beneath faucets already installed, whereby hot or cold water, or both may be delivered directly into the receptacle as in a sink. For the washing of dishes for example the commodities to be washed are put into a tray 21 of open mesh or reticulated structure the same being removably placed upon the bottom or deck 12 of the receptacle in position for the washing solution admitted into the receptacle from the faucets, to be dashed over or through the same by the operation of an impeller 13 or any modification that may be required according to the commodities to be cleansed. During the cleansing operation any suitable cover may be provided over the top of the receptacle to prevent the splashing therefrom of the water.

As a preferred type of cover I employ for this purpose a pan like device 22 having the appearance and general functions of an ordinary sink and of a depth for instance of about four inches. The periphery of the cover is shown as of an outwardly projecting flange 23 adapted to be supported directly upon a crimp or bead 24, or its equivalent, carried by the upper portion of the receptacle. This makes a satisfactory support for the cover in any adaptation thereof and also constitutes a barrier preventing the splashing of the water from the receptacle.

This cover as stated for ordinary household purposes may constitute a sink and for this purpose there is provided at any convenient portion of the bottom an outlet 25 projecting into a tube 25′ from which it will find its exit through the vent 17. Because of the form and capacity of the receptacle a single tray 21 is sufficient for ordinary purposes for accommodating the articles to be washed, but if additional space is required for the accommodation of extra dishes or pans to be washed at the same time as the dishes, the cover 22 may be inverted and supported as indicated in Fig. 2 thereby increasing the capacity of the receptacle by about eight inches of height in the illustration stated. Any suitable handles 26 and 27 may be secured to the top and bottom portions of the cover for the manipulation thereof in any position.

I claim:

1. A washing machine comprising a receptacle having a recess in its bottom, a rotatory impeller for water in said recess, a recessed cover for preventing the outflow of agitated water when the impeller is rotated, said cover being shaped to fit within the top of the receptacle, whereby the cover may be set in the receptacle and utilized as a sink or may be inverted and set on the receptacle to increase the capacity of the inclosed space, a drain outlet for the receptacle, a drain outlet for the cover and means for connecting said outlets.

2. The machine described in claim 1 characterized by having the receptacle provided with an interior shoulder near its upper edge and the cover provided with a flange upon its outer edge which flange is shaped to fit within the receptacle and rest upon the shoulder therein whether the cover is located for use as a sink or is inverted to increase the inclosed capacity of the receptacle.

FRANK E. WOLCOTT.