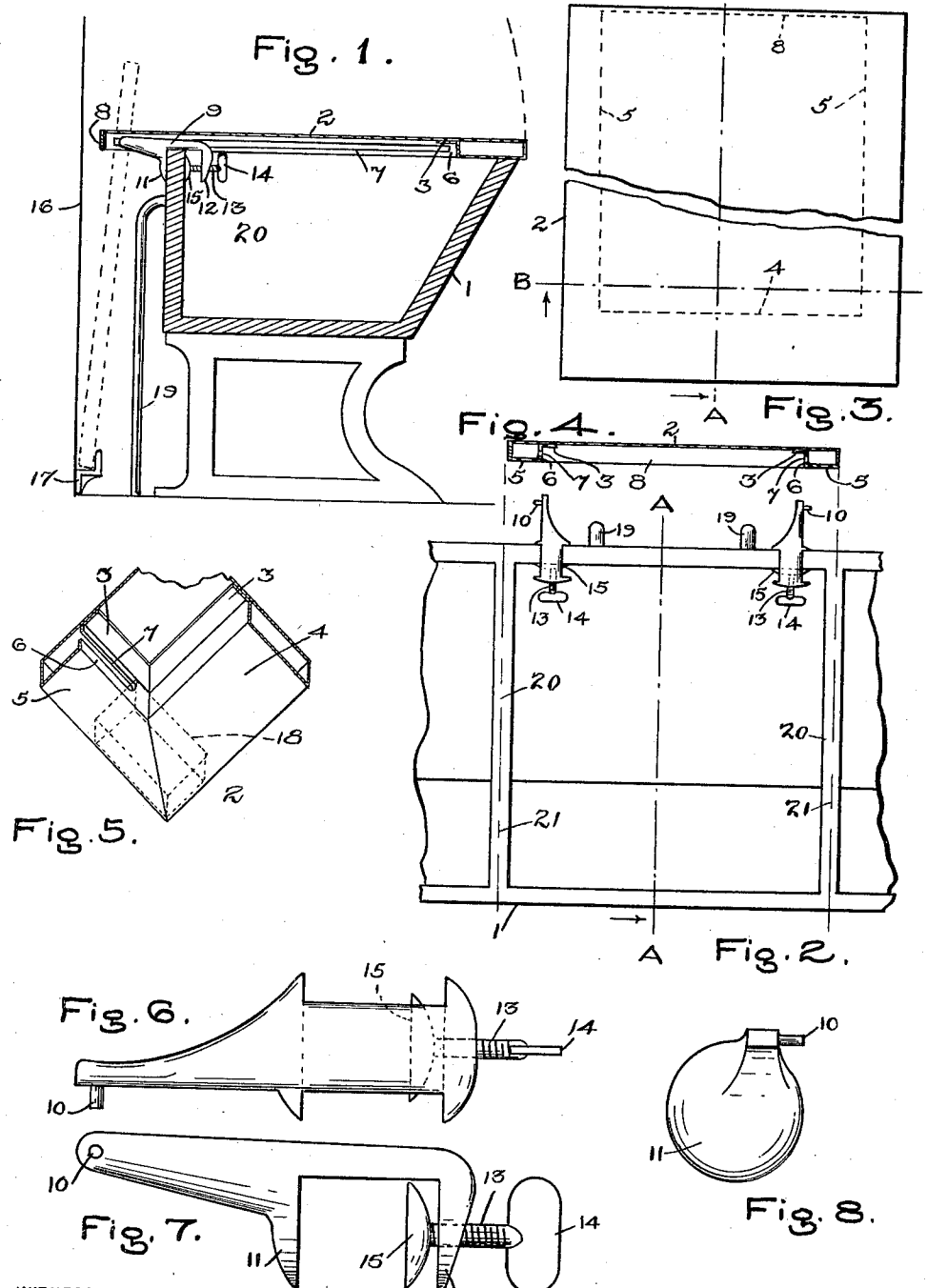


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COVER FOR WASHTRAYS, &c.
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Patented June 11, 1912.



WITNESSES
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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ELMER U. DANENHOWER, a citizen of the United States, residing at Orange, in the county of Essex and State of New Jersey, have invented certain Improvements in Covers for Washtrays, &c., of which the following is a specification.

The objects of this invention are to provide a cover which can be applied to any wash tray regardless of whether the same has been manufactured expressly for the cover; to obtain a cover which can be removed entirely from the wash tray, or simply opened and closed while remaining connected to the wash tray; to obtain such a cover of simple and inexpensive construction and which shall be durable and not liable to get out of order, and to obtain other advantages and results as may be brought out in the following description.

Referring to the accompanying drawings, in which like numerals of reference indicate the same parts throughout the several figures, Figure 1 is a vertical section of a wash tray equipped with my improved cover, taken from front to rear upon line A—A of Figs. 2 and 3; Fig. 2 is a plan of the wash tray with the cover removed from its supporting brackets; Fig. 3 is a plan view of the cover so removed; Fig. 4 is a section of the cover taken on line B—B of Fig. 3; Fig. 5 is an enlarged view of one corner of the cover looking at its under side, and illustrating a detail construction thereof; Fig. 6 shows in plan one of the supporting brackets; Fig. 7 is a side view of the same, and Fig. 8 is a rear end view.

In said drawings, 1 indicates a wash tray of an ordinary construction, and 2 indicates my improved cover for the top of said wash tray. Said cover 2 is preferably formed of sheet-metal in a single sheet, the edges of said sheet at the front and sides of said cover being bent downwardly, then inwardly parallel to the body of the cover and upwardly against the under side of said body where they are soldered, as at 3, thus forming hollow flanges of rectangular cross-section around said three edges of the cover, 4 indicating the flange at the front of the cover, and 5, 5 those at its sides. The inner vertical sides 6, 6 of the side flanges 5, 5 are slotted, as at 7, 7, and thus provide parallel slideways to receive the pivotal pins of certain supporting brackets hereinafter de-

scribed. At the rear edge of the cover no hollow rectangular flange is formed, but the metal is bent downward a distance equal to the depth of the flanges at the other three edges of the cover and doubled backward against itself, as at 8.

In the particular embodiment of the invention illustrated in the drawings, a series of trays combined as a single unit are there shown, that is to say, a single side or partition wall 20 is employed to divide one wash tray from the tray next adjacent thereto. My cover, however, is adapted to be applied to each of such trays, the side flanges 5, 5 overlying the partition walls 20, 20 to the central or median lines 21 thereof, all as shown in Fig. 2 taken with Fig. 4. A bearing is therefore afforded for each of two adjacent covers on the top edge of the partition between the two trays to which the covers are applied, and since the slideways 7, 7 of each cover are at the inner facing sides of the flanges 5, 5, and the pivotal pins 10, 10 therefor are also between said flanges or the planes of the side walls of the tray extended, my improved covers can be applied to adjacent trays without interfering one with another. This is necessary in order to apply the cover to wash-trays as commonly made and now in use.

The supporting brackets 9, 9 are adapted to lie horizontally upon the top of the rear wall of the wash tray and project considerably to the rear of the tray, where they have at their outer sides horizontally projecting pins 10, 10, which are adapted to enter the slideways 7, 7 of the cover 2. Each supporting bracket has at its portion which rests upon the rear wall of the wash tray downwardly projecting feet 11, 12, adapted to lie on the opposite sides of said wall of the wash tray, and the foot 12 next the front of the wash tray has a threaded socket for a clamping screw 13 which has a finger-piece 14 at its outer end and a shoe 15 at its inner end. The two brackets 9, 9 can thus be quickly and firmly attached to the wash tray in proper position with their pivotal pins 10, 10, entering the slideways 7, 7 of the cover 2 as it lies on the top of the wash tray.

It will be noted that the flanges 4, 5, 5 around the front and side edges of the cover 2 raise the central portion of said cover sufficiently so that it clears the brackets 9, 9

projecting above the rear wall of the wash tray, and the cover can lie flat upon the wash tray.

In operation, the front edge of the cover 2 is raised as indicated by the dotted arc in Fig. 1, and when raised to a sufficient height for its rear edge to clear the wall 16, is allowed to drop into substantially vertical position between the wash tray and said wall. I have shown in Fig. 1 a rest 17 to receive the lower edge of the cover in such opened position, but obviously this may be dispensed with and the cover hang upon the pivotal pins 10, 10, if desired. In this latter case, it is advisable to place inside of the side flanges 5, 5 blocks 18 of wood or the like which extend to the ends of the slots 7 and form a solid support for the pivotal pins 10 to take the strain off the ends of said slots.

The brackets 9, 9 extend far enough back of the wash tray so that the cover 2 will clear the water pipes 19 in opening, and obviously my improved cover can be applied to any wash tray where there is sufficient space between said water pipes and the wall behind the tray. Furthermore, my improved cover can be entirely removed whenever desired, by simply loosening the clamps 13, 13 of the supporting bracket, which is very convenient for cleaning purposes as well as in fitting the covers to the trays originally.

While I have shown and described my invention as especially applied to wash trays, it is obvious that it could be applied equally well to any other tray, tank or container of any kind to which it is adapted, and I do not wish to be understood as restricting myself to wash trays.

Having thus described the invention, what I claim is:

1. The combination with a rectangular wash tray or the like, of supporting brackets projecting outside the back wall of said tray and having lateral pivotal pins located between the planes of the side walls extended, and a cover adapted to lie upon the top edges of the walls of the tray and having between the planes of said side walls extended slideways adapted to receive said pivotal pins.

2. The combination with a rectangular wash tray or the like, of supporting brackets projecting outside the back wall of said tray and having lateral pivotal pins located between the planes of the side walls extended, and a cover having at its under surface and substantially parallel to its side edges flanges adapted to engage the top edges of the walls of the tray, said flanges at the lateral edges of the cover having at their inner facing sides slideways receiving said pivotal pins.

3. The combination with a rectangular wash tray or the like, of supporting brackets straddling the edge of the back wall of said tray and secured so as to project outside said wall, said brackets having lateral pivotal pins outside the tray, and a cover having on the under surface of its body flanges adapted to engage the top edges of the walls of the tray and hold said body above said brackets, said flanges having at their inner sides slideways with said pivotal pins.

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Witnesses:

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