

I. SCHLESINGER.  
WASHTUB COVER.

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1,250,518.

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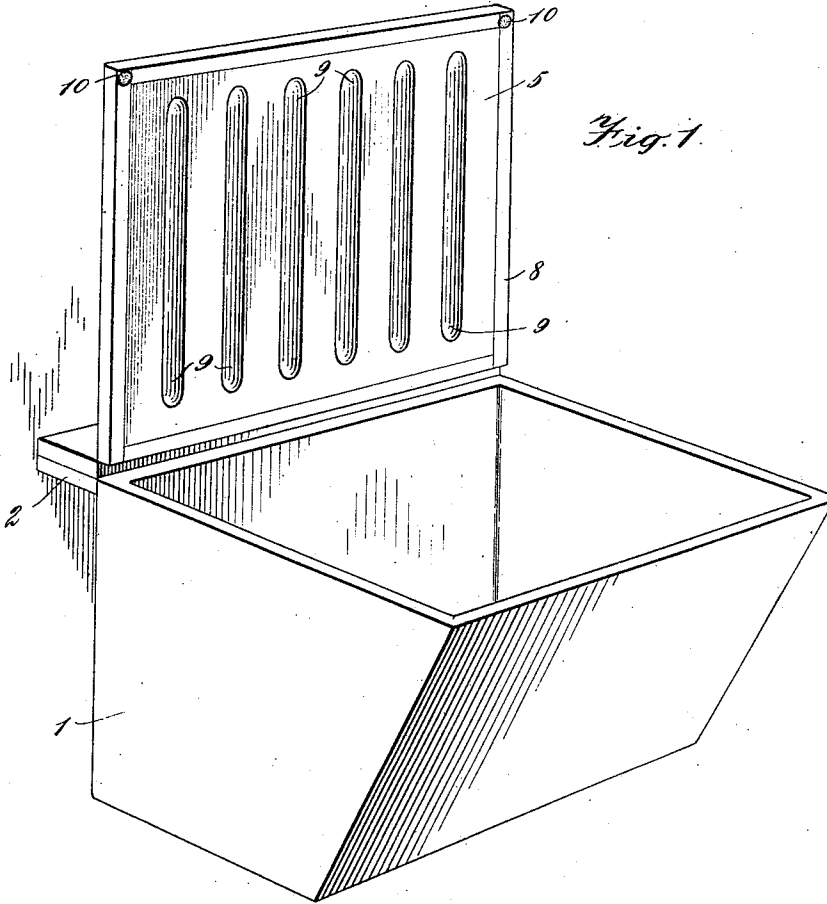


Fig. 1.

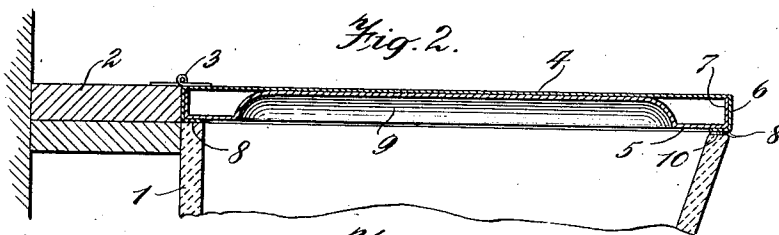


Fig. 2.

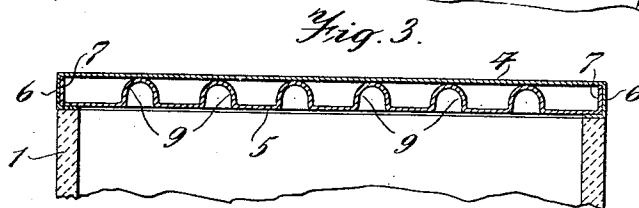


Fig. 3.

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# UNITED STATES PATENT OFFICE.

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WASHTUB-COVER.

1,250,518.

Specification of Letters Patent.

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*To all whom it may concern:*

Be it known that I, ISIDOR SCHLESINGER, a citizen of the United States, residing at the city of New York, in the borough of  
5 Manhattan and State of New York, have invented certain new and useful Improvements in Washtub-Covers, of which the following is a full, clear, and exact description.

This invention relates to covers constructed of sheet metal and more particularly to covers of a relatively large size, such as are adapted for use with wash-tubs or similar receptacles.

The objects of the invention are to provide a cover of this character which can be easily and cheaply constructed from a minimum number of pieces of sheet metal, which will not require fastening means such as bolts, screws or solder to hold the pieces together, which will possess the requisite thickness and which will be of a strong and rugged construction to withstand the hard usage to which it is subjected in ordinary use.

With these and other objects in view, the invention consists of a shallow box-like structure of sheet metal which has inwardly-directed strengthening ribs formed on one face thereof, which ribs are of sufficient depth to engage the opposite wall so that they not only serve as corrugations to impart lateral rigidity to the cover, but will also maintain the top and bottom walls in spaced relation. More specifically stated, the invention consists of a cover formed  
25 from two sheets of metal provided with marginal flanges, which sheets are joined together to form the box-like structure described; the strengthening ribs being stamped in one of the sheets.

40 In the accompanying drawings:

Figure 1 shows, in perspective, a wash-tub provided with a cover constructed in accordance with the principles of the invention, the cover being shown in open position;

45 Fig. 2 is a sectional view similar to Fig. 1, showing the cover in closed position; and

Fig. 3 is a transverse section through the cover.

In the drawings, a wash-tub is shown and is indicated 1, which wash-tub is provided with a cover secured to the back strip 2 of the tub by hinges 3.

This cover is constructed in accordance with the principles of the invention and con-

sists of two rectangular plates 4 and 5 of 55 sheet metal, such as galvanized iron. These plates are provided with marginal flanges 6 and 7, respectively; the flanges 6 of the top plate 4 fitting over and engaging the flanges of the bottom plate 5, while the edges of 60 the flanges 7 rest against the inner surface of the top plate 6, thus holding the plates in spaced relation. The flanges 6 are of greater depth than the flanges 7 and their free edges 8 are bent over upon and engage 65 the outer surface of the bottom plate 5, the construction described providing a closed shallow box.

Inwardly projecting strengthening ribs 9 are provided in the bottom plate 4, which 70 strengthening ribs, as will be clear from Fig. 1, do not extend the entire width of the plate, but only occupy an intermediate position so that the portions of the plate 4 adjacent its flanges are smooth and flat which 75 permit a smooth joint to be obtained between the two plates which would be impossible if the entire plate 4 were corrugated. These strengthening ribs or corrugations 9 are of sufficient depth to bear against and 80 engage with the inner surface of the top plate 4. The ribs, therefore, not only serve to strengthen the structure by imparting to it lateral rigidity, but also form a rigid connection between the top and bottom plates 85 which will maintain them in spaced relation and will prevent them from collapsing or from becoming bent.

It will be noted that in making this cover, no fastening means are employed. The 90 bent-over edges 8 need not be fastened to the plate 5 either by soldering or in any other manner, since there is comparatively little strain upon them. Moreover, since these edges rest upon the upper edges of the 95 tub when the cover is in closed position, the pressure upon them will be sufficient to maintain them in engagement with the bottom plate. The simplicity of the construction is obvious, since in forming it, only 100 two pieces of sheet metal are used, which pieces of sheet metal are so stamped and joined together as to provide a cover which will be for all practical purposes as rigid and rugged as if a solid cover were used. 105

To prevent the cover from striking against the tub when it is closed, pads 10 of felt or rubber, or other material, may be provided

upon the underface of the cover, as is the usual construction. The cover may also be coated with enamel if it is desired.

I claim:

- 5 A cover comprising two plates of sheet material having marginal flanges, each of said plates having a flat marginal portion adjacent its marginal flanges, the marginal portions of the two plates being disposed in  
10 spaced relation to each other and said flanges

fitting over each other and connecting said marginal portions together, and integral strengthening ribs formed on one of said plates projecting inwardly with respect to the marginal portions of said plates and en- 15 gaging the under-surface of the other of said plates.

In witness whereof, I subscribe my signature.

ISIDOR SCHLESINGER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."