

Oct. 21, 1924.

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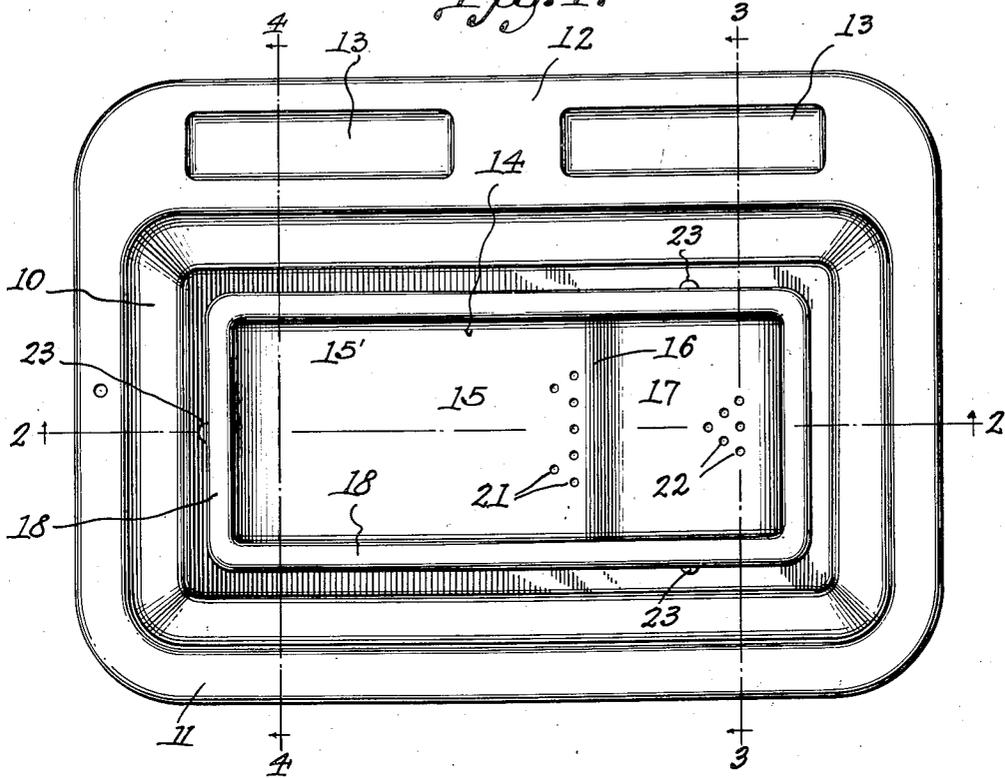
G. E. THORNBURG

BATHTUB

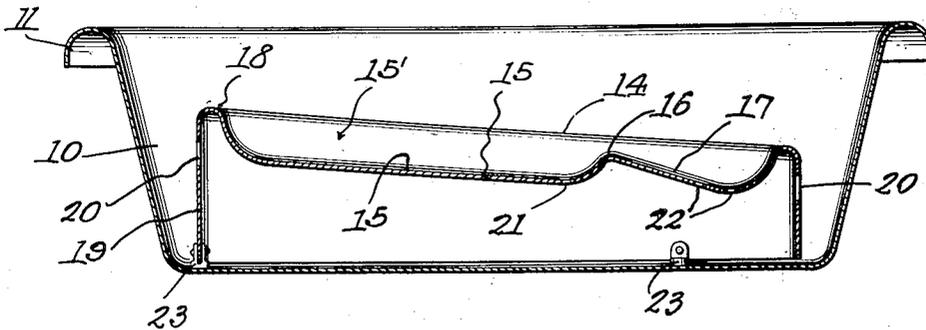
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2 Sheets-Sheet 1

*Fig. 1.*



*Fig. 2.*



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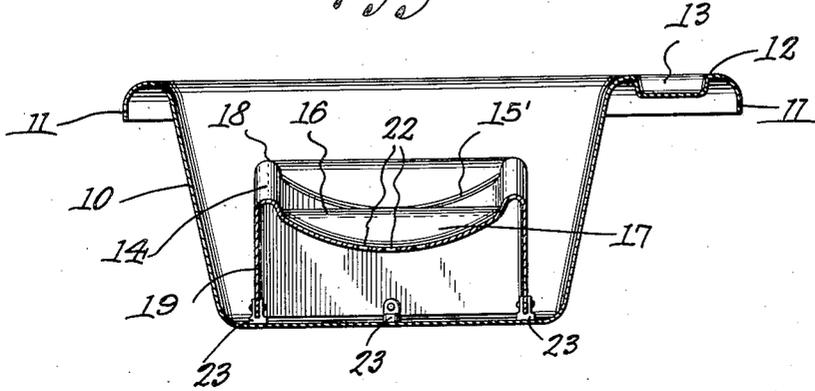
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BATHTUB

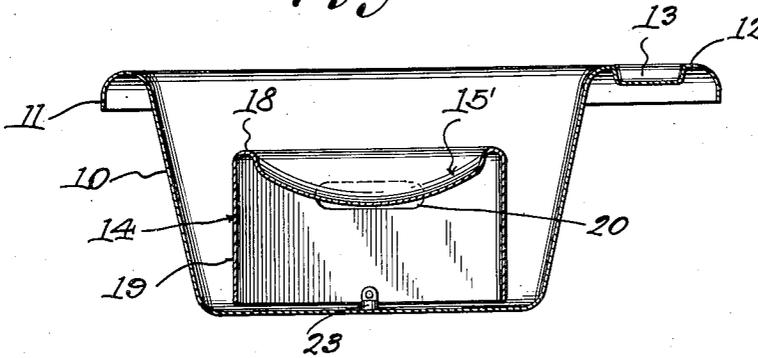
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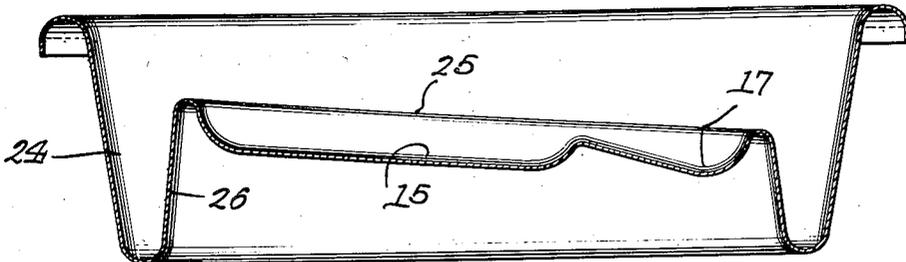
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



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# UNITED STATES PATENT OFFICE.

GEORGE E. THORNBURG, OF MUNCIE, INDIANA.

## BATHTUB.

Application filed April 29, 1924. Serial No. 709,890.

*To all whom it may concern:*

Be it known that I, GEORGE E. THORNBURG, a citizen of the United States, residing at Muncie, in the county of Delaware and State of Indiana, have invented certain new and useful Improvements in Bathtubs, of which the following is a specification.

My invention relates to improvements in bath tubs.

10 An important object of the invention is to provide a bath tub so constructed that it is adapted to be used for bathing infants, and will securely hold the infant so that it will not fall, or be injured, thus releasing both hands of the attendant, for use in bathing the infant.

20 A further object of the invention is to provide a bath tub of the above mentioned character, which is adapted to be used in bathing an infant, and may also be used in bathing a child, from one to six years of age, more or less.

25 A further object of the invention is to provide a tub of the above mentioned character, which is of simplified construction, strong, durable and cheap to manufacture.

30 In the accompanying drawings forming a part of this specification, and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a plan view of a tub embodying my invention,

Figure 2 is a longitudinal section taken on line 2—2 of Figure 1,

35 Figure 3 is a transverse section taken on line 3—3 of Figure 1,

Figure 4 is a transverse section taken on line 4—4 of Figure 1, and,

40 Figure 5 is a central longitudinal section through a modification of the invention.

Attention being called first to Figures 1 to 4 inclusive, the numeral 10 designates a tub, preferably of a generally rectangular form or shape, and preferably having a greater length than width. The tub 10 preferably flares upwardly and has a marginal downwardly bent flange 11, and a tray 12, this flange extending about the tray. The tray is horizontally arranged and has pockets or depressions 13, which may be employed for holding soap, pins, or other articles, used in connection with the toilet of an infant or child.

55 The numeral 14 designates an infant holding and supporting member or tray.

This tray has its top provided with a longitudinal depression 15, and a transverse raised portion or hill 16, with a depression 17, upon the opposite side of the raised portion. The depressions 15 and 17 have their bottom walls generally inclined, and the upper end of the upper depression 15 is at a higher elevation than the lower end of the depression 17, as shown. The depression 15 is transversely concave as clearly illustrated in Figure 4. The depression 17 is transversely concave as clearly illustrated in Figure 3. The holding tray 14 is also provided with an upstanding marginal flange 18. This flange 18 is rounded or curved in cross section, throughout its entire length, as clearly illustrated in Figures 2, 3 and 4. Depending from the flange 18 is a rectangular base 19, including side and end walls, the end walls having slots 20, constituting hand holds, whereby the holding tray may be conveniently removed. The holding tray is of a generally rectangular shape, and is adapted to be inserted within the tub 11, and is of smaller length and width, to provide a suitable space between it and the tub. The space however, is not sufficient, to afford any opportunity for injury to the infant. The depression 15 is provided near its lower end, and adjacent to the raised portion 16, with drain openings 21, and 22 designates drain openings formed in the lower portion of the depression 17.

I preferably provide feet 23, formed of rubber or the like, which are adapted to be fitted upon the sides and end of the base 19, and to rest upon the bottom of the tub.

In the use of this form of the tub, the body of the infant and its head is placed within the upper inclined depression 15, while the legs and feet extend into the lower inclined depression 17, the transverse raised portion 16, preventing the downward slipping of the infant. The infant is thus securely held, without any liability of injury, and the attendant may have both hands free to properly bathe the infant. When it is desired to bathe a child, the supporting tray 14 may be removed, and the tub 10 used in the ordinary way.

The tub 10 and the supporting tray 14 may be formed of any suitable material, such as sheet metal which may be porcelain lined, galvanized, or otherwise treated. The invention of course is not restricted to the

precise form of material used. It is preferred that the tub 10 be formed of sheet metal so that it may be made integral, and that the removable supporting tray 14 be also formed of sheet metal, so that it may be integral.

In Figure 5, I have shown a modification of the invention. In this view, I have shown a tub 24, similar to the tub 10. The numeral 25 designates a holding and supporting tray, having the same recesses 15 and 17, but the drain openings are omitted. The depending base 26 of this tray is formed integral with the bottom portion of the tub 24. The slots 20 are of course omitted. This form of tub is similar to that shown in Figures 1 to 4 inclusive, excepting that the supporting and holding tray is permanently attached to the tub. This form of tub may be formed of sheet metal or like material, which may be porcelain lined, galvanized, or the like.

The use of this form of tub shown in Figure 5 is thought to be obvious from the description of the use of the first form of tub.

It is to be understood that the forms of my invention herewith shown and described, are to be taken as preferred examples of the same, and that various changes in the shape, size, and arrangement of parts, may be resorted to, without departing from the

spirit of my invention, or the scope of the subjoined claims.

Having thus described my invention, what I claim is:

1. A tub, and a removable infant holding and supporting tray arranged therein, said tray including a top and a base depending therefrom, said top having an upper inclined body receiving depression and a lower inclined leg receiving depression with a transverse raised portion between the depressions, said base having hand holds in its ends, and feet carried by the lower end of the base to engage with the bottom of the tub.

2. A bath tub for an infant or the like, and an infant holding and supporting tray arranged therein, said tray having a top and a marginal base depending therefrom, said base engaging the bottom of said tub, said top extending for substantially the entire length of the infant or child and having an upper longitudinally inclined depression for receiving the head and body of the infant and a lower longitudinally inclined depression to receive the legs and feet, the entire body of the infant being supported by the tray in a slightly inclined position with the head at the highest elevation.

In testimony whereof I affix my signature.

GEORGE E. THORNBURG.