

No. 893,930.

PATENTED JULY 21, 1908.

C. LEDERMAN.
 REMOVABLE SEAT.
 APPLICATION FILED JULY 25, 1907.

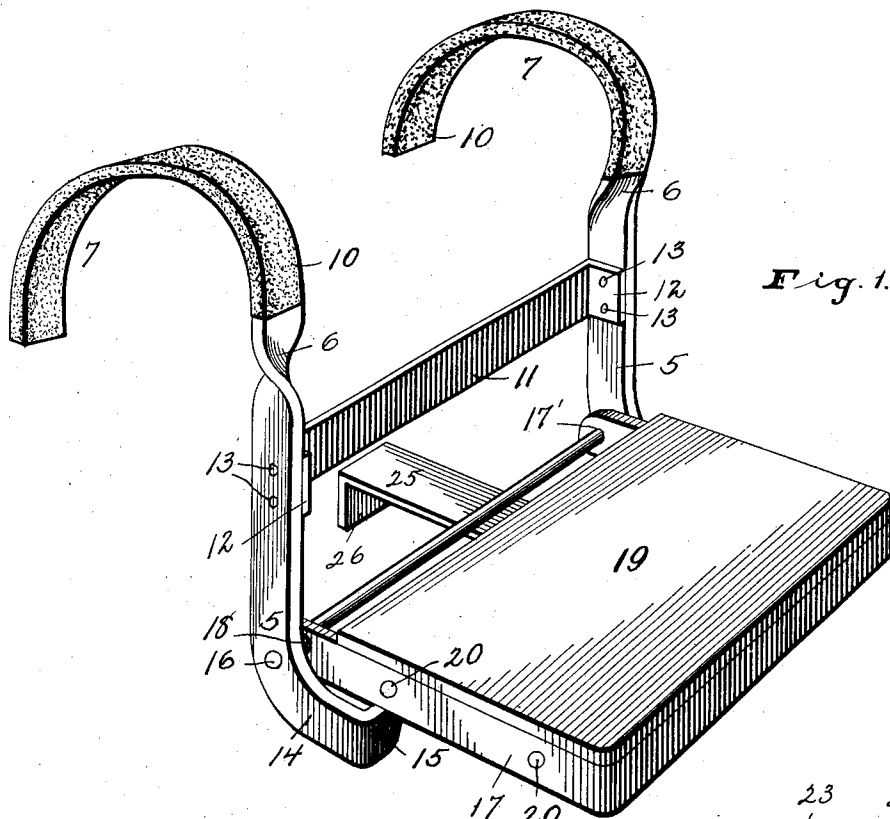


Fig. 1.

Fig. 2.

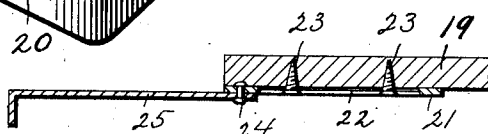
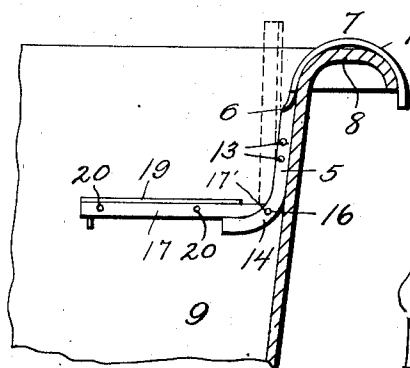


Fig. 4.

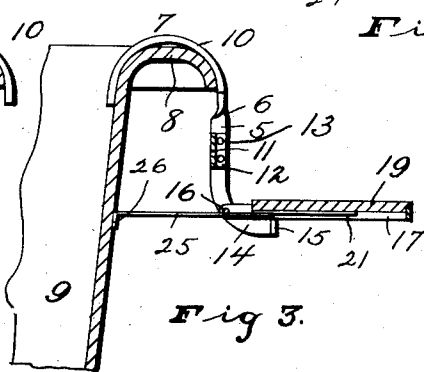


Fig. 3.

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REMOVABLE SEAT.

No. 893,930.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES LEDERMAN, citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Removable Seats, of which the following is a specification.

My invention relates to removable seats and particularly to a seat adapted for use upon bath tubs, though it is to be understood that it may be used for other purposes if desired, the object of the invention being to provide a seat of this character adapted to be supported from the edges of a bath tub and to lie either within a bath tub or outside of the bath tub and to effectively support the seat no matter what the width of the flange along the edge of the tub may be.

Further objects and advantages of the invention will be set forth in the detailed description which now follows.

In the accompanying drawing: Figure 1 is a perspective view of a seat constructed in accordance with the invention, Fig. 2 is a cross sectional view of a portion of the bath tub illustrating the seat lying upon the inner side of the tub and illustrating the folded position of said seat in dotted lines, Fig. 3 is a cross sectional view of a portion of a bath tub illustrating the seat lying upon the exterior thereof, and Fig. 4 is a detail sectional view.

Like numerals designate corresponding parts in all of the figures of the drawing.

Referring to the drawing, the numerals 5 designate a pair of vertical bars, the upper portions of which are twisted as at 6 to bring them at right angles with the lower portions of said bars and to form hooks 7, said hooks being adapted to engage over the flange 8 of a bath tub 9. These hooks are preferably covered with rubber or other cushioning material indicated at 10 to prevent the marring or chipping of the enamel of the tub. The bars 5 are connected and braced by a cross bar 11, the ends 12 of which are bent at right angles to the body portion of the bar. Rivets 13 pass through these bent ends of the bar 11 and through the vertical bars 5. The lower ends of the bars 5 are curved forwardly as at 14 and are provided with inturned lugs 15 which serve a purpose herein-after described. A pivot rod 16 passes through and is riveted to the bars 5. A substantially U-shaped frame member 17 is pivoted at 17' upon this rod and collars 18 are

disposed upon the rod between the bars 5 and the U-shaped frame 17 to properly space these parts from each other. The frame 17 extends around the seat proper which is indicated at 19, said frame being riveted to said seat by rivets 20. This seat is preferably formed of wood, though it is to be understood that any suitable material may be employed for this purpose. An adjustable plate 21 is slotted as at 22, for the reception of screws 23, said screws being adapted to take into the seat and providing means for adjusting the plate 22 with relation to the seat. Pivoted to this plate 22 as at 24 is a swinging bar 25, this bar being provided with a downturned end 26 which is adapted to lie against the outside face of a bath tub when the seat is in the position illustrated in Fig. 3.

The operation of the device is as follows: When the hooks 7 are engaged with the flange of the tub in the manner shown in Fig. 2 and the seat is thrown downwardly to its operative position, the side members of the U-shaped frame 17 rest upon the lugs 15 to thereby support said seat. At this time the bar 25 is swung over beneath the seat out of the way, the rear face of the cross bar 11 resting against the side of the tub to hold the structure firmly in place. When the seat lies upon the exterior of the tub as indicated in Fig. 3, the swinging plate 25 is thrown to such position that the downturned end 26 thereof, rests against the outer face of the tub to prevent the seat from tilting downwardly and inwardly and to hold said seat securely in a substantially horizontal plane. The adjustment provided by the screws 23 and slot 22, renders it possible to accommodate this structure to bath tubs having flanges 8 of varying widths, as will be readily understood, while the twisting of the lower portions of the bars 5 to bring said lower portions substantially at right angles with the upper portion thereof, results in presenting the edges of the lugs 15 to the edges of the frame. This renders the structure very strong, for it is impossible to bend these parts when they are thus opposed to each other, by any weight which would be brought to bear upon them in ordinary use. When the seat is not in use, it may be thrown up to the dotted line position illustrated in Fig. 2 and moved to one end of the tub, where it will be out of the way, but will be available for immediate use, if desired.

From the foregoing description, it will be

seen that simple and efficient means are here-
 in provided for accomplishing the objects of
 the invention, but while the elements shown
 and described are well adapted to serve the
 5 purposes for which they are intended, it is to
 be understood that the invention is not
 limited to the precise construction set forth,
 but includes within its purview such changes
 as may be made within the scope of the ap-
 10 pended claims.

What I claim, is:

1. In a bathtub seat, the combination
 with a pair of vertical side bars, the lower por-
 tions of which are bent to extend forwardly
 15 in a horizontal plane, of inturned lugs
 formed upon the outer ends of said horizontal
 portions, a bar extending between said side
 bars at the juncture of the vertical and hori-
 zontal portions, a seat member pivoted upon
 20 said bar and adapted to rest upon said in-
 turned members the upper ends of the side
 bars being bent until they lie at right angles
 to the body portions of the side bars, said up-
 per ends being also bent to form hooks.

2. In a bathtub seat, the combination 25
 with a pair of vertical side bars, the lower
 portions of which are bent to extend for-
 wardly in the horizontal plane, of inturned
 lugs formed upon the outer ends of said hori-
 zontal portions, a bar extending between 30
 said side bars at the juncture of the vertical
 and horizontal portions, a seat member piv-
 oted upon said bar and adapted to rest upon
 said inturned members, the upper ends of the
 side bars being bent until they lie at right 35
 angles to the body portions of the side bars,
 said upper ends being also bent to form hooks
 and an adjustable member secured on the
 under side of the seat and projecting in-
 wardly to contact with the side of the bath- 40
 tub.

In testimony whereof I affix my signature
 in presence of two witnesses.

CHARLES LEDERMAN.

Witnesses:

A. L. PHELPS,
 FRANK G. CAMPBELL.