March 7, 1950 A. E. SINGLETON 2,499,884

FOOTREST ATTACHMENT FOR INFANT TOILET SEAT

Filed June 2, 1948

Fig. 1.

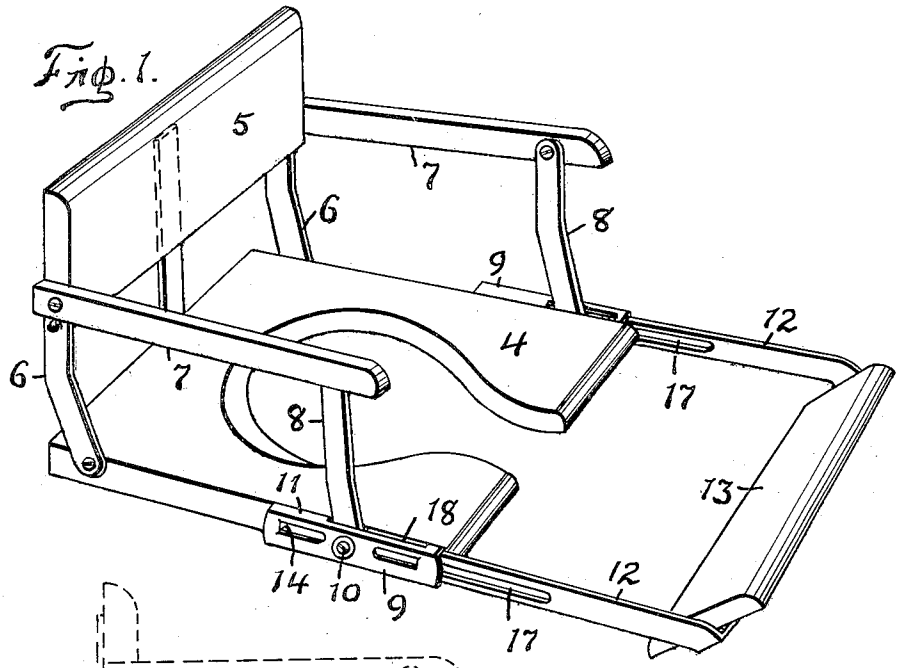


Fig. 2.

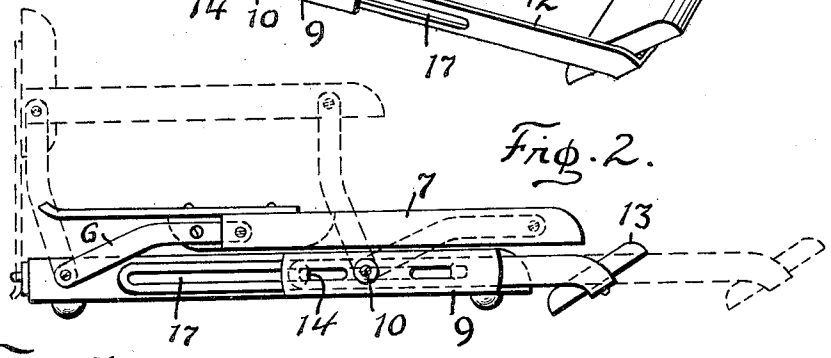
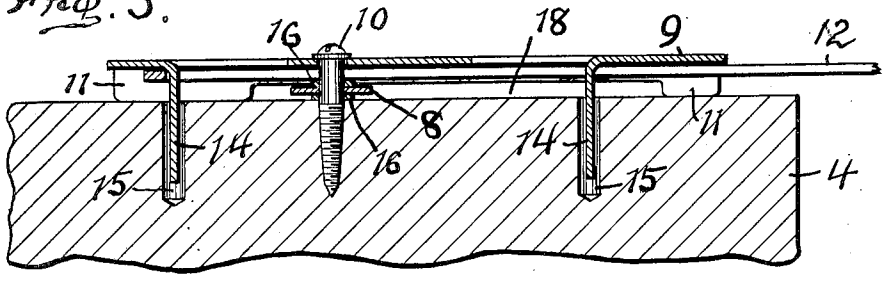


Fig. 3.



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FOOTREST ATTACHMENT FOR INFANT TOILET SEATS

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6 Claims. (Cl. 155—165)

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This invention relates to improvements in foot-rest attachments for infant toilet seats of a type ordinarily used on adult toilets.

A child's toilet seat of the character here involved usually has folding back and arm-rest structures supported on a seat, and a foot-rest slidably connected with the seat arranged to be adjustably positioned forwardly with respect thereto, to accommodate the leg length of the occupant.

The instant invention pertains to the fixtures that are applied to the sides of the seat for support of the sliding arms of the foot-rest structure and shaped to accommodate folding movement of the forward supports for the arm-rests.

An object of the invention is to afford an efficient inexpensive and easily applied fixture in which is supported the sliding arms for the foot-rest structure, so constructed as to permit ease in adjustment thereof and afford accommodation for the forward arm-rest supports when folded.

And another object of the invention is to provide a fixture attachable interchangeably to the sides of the seat and adaptable for support of the sliding arms of the foot-rest and provided with means for securing the fixtures in place that afford also pivots for the forward arm-rest supports.

Other objects and advantages of the invention appear in the following description.

An illustrative embodiment of the invention is shown in the accompanying drawings, in which—

Fig. 1 is a perspective view of a construction in which the invention is incorporated, shown in unfolded position for use;

Fig. 2 is a side elevational view of the structure shown in Fig. 1 in folded position; and

Fig. 3 is a fragmentary horizontal section showing the supporting fiixture for the foot-rest structure in connection with the seat.

The invention consists of an ordinary child's auxiliary toilet seat 4 provided with a back-rest 5 supported pivotally on the seat by arms 6, and arm-rests 7 pivotally supported on the back-rest and on the forward arm supports 8 pivotally connected with the seat. Included with the auxiliary toilet seat there are secured to the sides of the seat 4, adjacent the forward end thereof, fixtures 9 by means of screws 10 that are driven through the fixture and into the seat, and also afford pivots for the forward arm supports 8. The fixtures 9 each are in the form of a metallic channel shaped to provide flanges 11 that bear against the adjacent side of the seat, and in which channels the arms 12 of the foot-rest structure 13 have

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longitudinal sliding movement. The fixtures have prongs 14 that project into sockets 15 in the corresponding sides of the seat 4 and thereby prevent swiveling of the fixtures about the screws 10 by which said fixtures are secured in place.

The screws extend also through the lower ends of the forward arm supports 8, and preferably there are interposed between the seat and said supports and between said supports and the adjacent sliding arms 12 of the foot structure corresponding washers 16 whereby to limit lateral play of the arms. The arms preferably have elongated slots 17 and extend astride the prongs 14 and the screws 10 upon which they have guided longitudinal movement limited by said prongs. The flanges 11 of the fixtures 9 have made therein elongated slots 18 through which the lower end portions of the corresponding forward arm supports 8 extend and have forward folding movement therein when the chair is collapsed.

In operation, the foot-rest structure is adjustably moved forwardly into the desired position for use, or, slid backwardly when collapsing the chair for storage.

A valuable feature of the invention is that the fixtures are of single piece structure and are readily anchored in place on the seat in operating position merely by its prongs and the pivot screws for the arm-rest supports.

What I claim is:

1. In a child's toilet seat of the type having back and arm-rest folding structures including forward supports for the arm-rests, fixtures on the sides of the seat adjacent the forward end thereof, each fixture having slotted flanges into which the lower end portions of the arm supports extend, screws extending through said fixtures and said supports into the corresponding sides of the seat for securing said fixtures to the seat and afford pivotal bearings for said arm-rest supports, said fixtures having prongs adjacent the ends thereof that project into corresponding sockets in the seat, a foot-rest structure having arms that extend into and have sliding movement in the corresponding fixtures, said prongs and said screws extending through the slots in said arms affording guidance for said arms, said prongs being adapted to prevent swiveling of the arms and limit sliding movement thereof in said fixtures, and washers on said screws located between the seat and the arm-rest supports and between said supports and the adjacent arms of the foot-rest structure to limit lateral play of said arms.

2. A foot-rest attachment for a child's folding

toilet seat, said fixture consisting of like fixtures located on the sides of the seat adjacent the forward end thereof, screws extending through said fixtures respectively into said seat securing said fixtures in place, and upon which the supports for the arm-rests on said seat have pivotal movement, said fixtures having prongs adjacent their ends extending into sockets in said seat to prevent swiveling of the fixtures, said attachment having side arms that slide longitudinally in said fixtures respectively, and being provided with elongated slots through which said screws and prongs extend and afford guidance for said arms, said prongs being adapted to limit longitudinal movement of said arms, and washers on said screws disposed between the seat and the arm-rest supports and between said supports and the adjacent arms to limit lateral play thereof.

3. A child's toilet seat having folding back and arm-rests, fixtures on the sides of said seat secured thereon by the screws that form the pivotal bearings for the forward ends of said folding arm-rests, said fixtures having prongs in its end portions that extend into corresponding sockets in said seat, and a foot-rest structure provided with slotted arms that extend astride said screws and prongs and have limited sliding movement in said fixtures.

4. An attachment for a child's toilet seat consisting of side fixtures on the seat adjacent the forward end thereof, a screw extending transversely through each fixture into the corresponding side of the seat to hold said fixtures in place, prongs adjacent the ends of said fixtures projecting laterally therefrom into corresponding sockets in said seat, adapted to prevent swiveling of

the fixtures on said screws, and a foot-rest structure extending forwardly of the seat provided with side arms that extend into the corresponding fixtures and have guided sliding movement therein limited by said prongs.

5. An attachment for a child's toilet seat consisting of fixtures secured to the sides of the seat adjacent the forward end thereof, said fixtures having prongs adjacent their ends that extend into corresponding sockets in the seat, and a foot-rest structure having a foot-rest disposed forward of the seat, provided with slotted side arms that extend into the corresponding fixtures astride said prongs and have guided sliding movement in said fixtures limited by said prongs.

6. In an adjustable foot-rest attachment for a child's toilet seat, like fixtures secured respectively to the sides of the seat, provided with prongs adjacent their ends that extend laterally into the corresponding sides of the seat, screws extending respectively through said fixtures into the seat to secure the fixtures in place, and a foot-rest structure having side-arms that extend into said fixtures and have limited longitudinal sliding movement therein.

ARTHUR E. SINGLETON.

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