

Sept. 8, 1936.

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2,053,566

INFANT'S TOILET SEAT

Filed Feb. 7, 1935 .

2 Sheets-Sheet 1

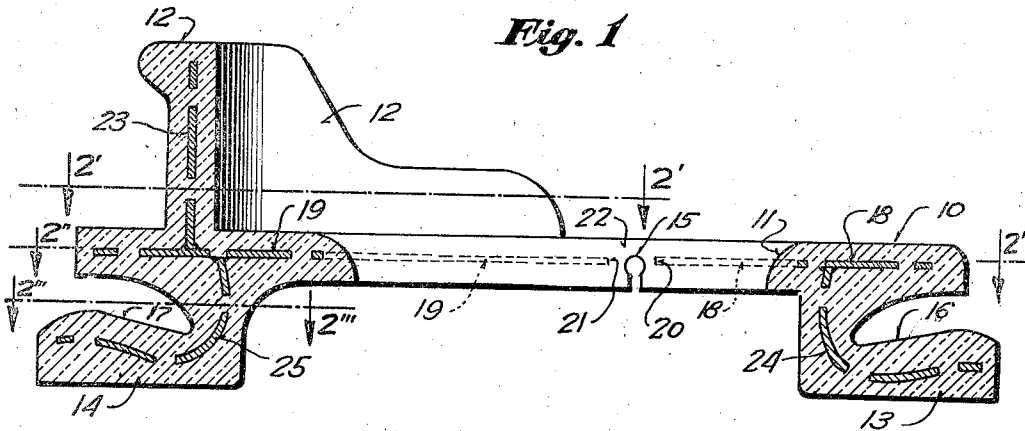
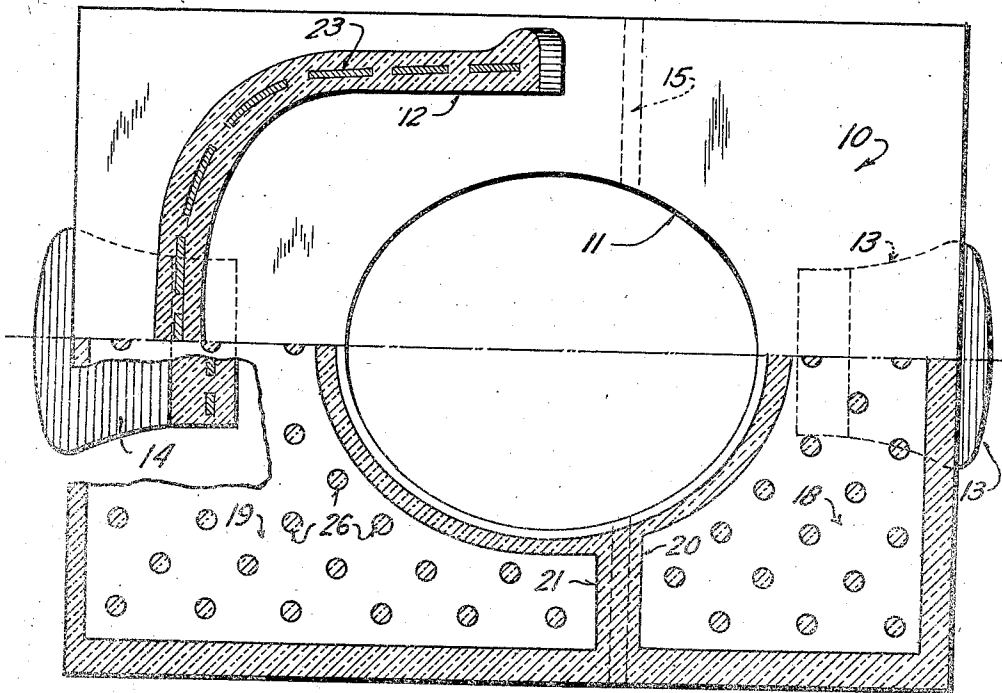


Fig. 2



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Fig. 3

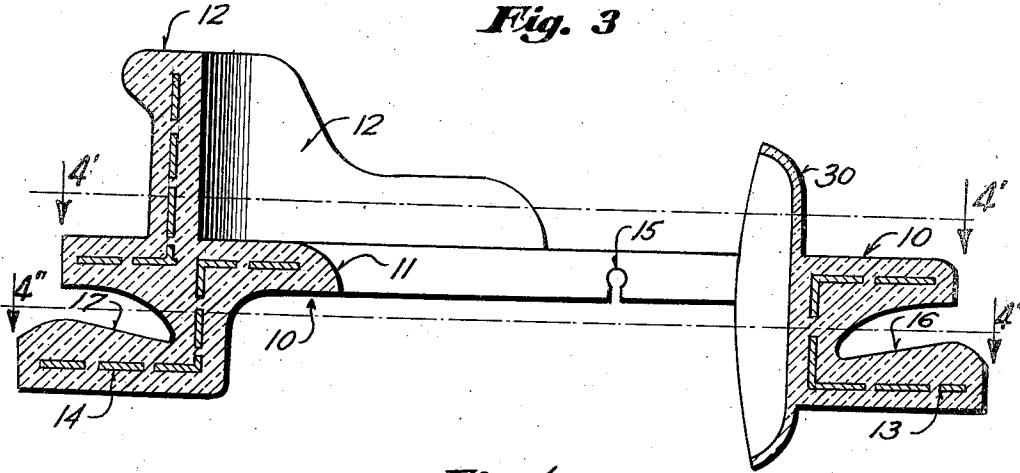


Fig. 4

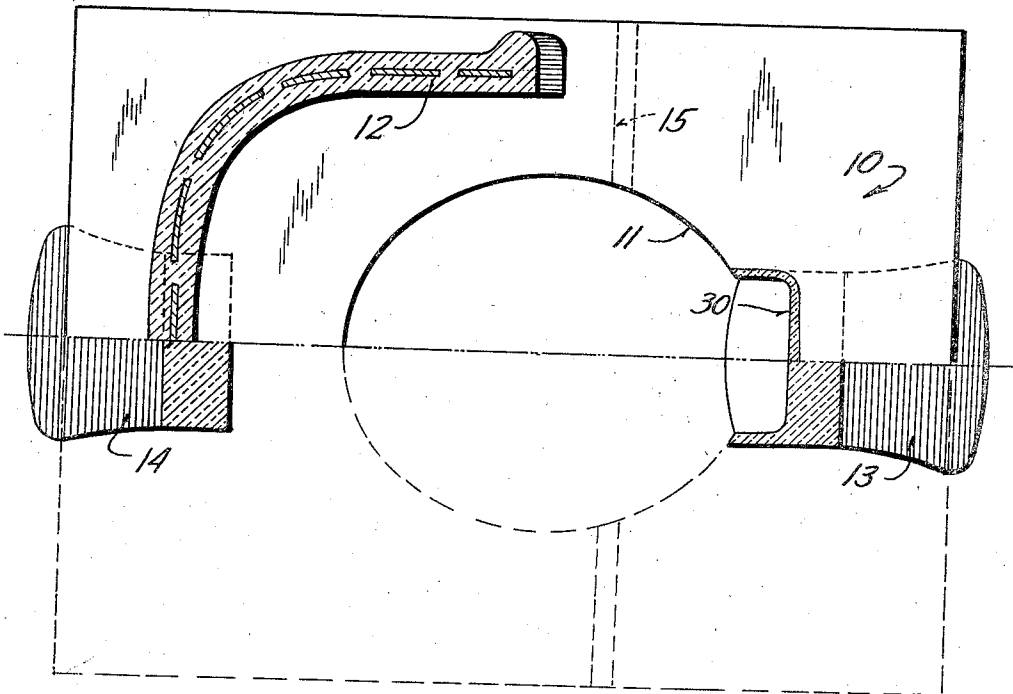
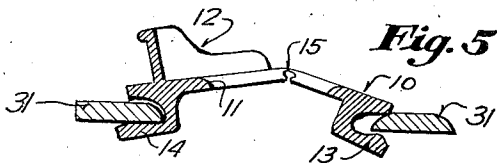


Fig. 5



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INFANT'S TOILET SEAT

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7 Claims. (Cl. 4—239)

This invention relates to toilet seats, and more particularly to an infant's auxiliary toilet seat which fits on a regular adult toilet seat.

Infant's auxiliary toilet seats have heretofore been made of hard material with metal clamps which scratch and mar the regular seat. Also the clamps on the seats now in use are difficult to adjust on the adult seat and when adjusted are insecure and frequently come loose under the constant movement of the child causing him to fall to the floor.

One object of the present invention is to provide a seat which will not scratch or mar the adult seat upon which it is fastened.

Another object is to produce an infant's auxiliary toilet seat and holding member therefor from a single piece of material.

A further object is to improve the fastening means by which the infant's seat is secured to the adult seat.

Other objects are to provide a more comfortable seat, to decrease the cost of manufacture, and to make a seat that is readily secured to and removed from the regular seat.

The accompanying drawings show two forms of an infant's auxiliary toilet seat which accomplish the above objects. The drawings are fully described in the following specification, and that portion which is claimed as new recited in the appended claims.

In the drawings:

Fig. 1 is a longitudinal cross-section in elevation through the center of the seat.

Fig. 2 is a cross-section on the lines 2'-2', 2''-2'' and 2'''-2''' of Fig. 1.

Fig. 3 is a cross-section similar to Fig. 1 of a modified form of the invention.

Fig. 4 is a cross-section on the lines 4'-4' and 4''-4'' of Fig. 3.

Fig. 5 is a vertical cross-section showing the method of securing the infant's seat on an adult seat.

Referring to the drawings in which like numerals indicate like parts throughout the several views, the seat is shown as composed of a soft resilient material such as rubber, which will not scratch paint, and comprises a base 10 with a seat aperture 11 therethrough to permit the passage of waste material from the body to the toilet bowl, a back rest 12 at the rear of the aperture 11, and extending around the sides of the aperture, and a pair of flanges 13 and 14 at the front and rear respectively of the base, which clamp under the lower side of the adult seat.

The base 10 has a weakened section 15 which

permits the seat to be flexed as shown in Fig. 5 to secure the flanges 13 and 14 under the adult seat.

The flanges 13 and 14 extend past the ends of the base 10 to permit them to be slipped under the adult seat. The flanges have the upper faces 16 and 17 sloping toward the base, so as to firmly grip the regular seat.

Figs. 1 and 2 show a form of the seat in which the material such as sponge rubber is too flexible to normally support a child. Reenforcing plates 18 and 19 are inserted in the base 10 to give it the required stiffness, the plates being spaced apart in the center of the seat as shown at 20-21 to provide a weakened section 22. If this section is still too rigid it can be cut away as shown at 15 so as to reduce the cross-sectional area at that point.

The back rest 12 extends across the back of the seat, and forward along the sides, and terminates in back of the edge 21 so as to allow the base to flex between the edges 20 and 21. As shown, a stiffener 23 may be imbedded in the back and either fastened to the stiffener 19 in the base 10 or be independent of that member.

The flanges 13 and 14 may also be provided with spring reenforcers 24 and 25 respectively which increase the natural resiliency of the material 13 and 14 and cause the flange to firmly grip the under side of the adult seat.

All the reenforcing plates or stiffeners may be provided with spaced holes or apertures 26 therethrough which permit the material and reenforcements to be molded into a monolithic structure.

Figs. 3 and 4 show an infant's toilet seat similar to that shown in Figs. 1 and 2, without reenforcing, and particularly adapted for use by a boy.

A urine conductor 30 is molded directly into the front of the seat and prevents undue wetting of the regular seat.

The boy's style of seat may also be made reenforced in a manner similar to Figs. 1 and 2.

Fig. 5 shows the seat being applied to a regular seat. To secure the seat, it is tipped backward, and the flange 14 engaged under the regular seat 31. The seat is then bent at the weakened section, and the front flange 13 engaged under the front of the seat 31. The infant's seat may then be flattened down on the seat 31, and in that position it is firmly secured in place. To remove the seat it is gripped in the middle at the section 15, and pulled upward, disengaging the flanges 13 and 14.

Having thus described the invention it will be seen that it is subject to various changes and modifications, of both shape and material, and it is not, therefore, desired to limit the invention to the precise form herein shown and described, but only by the scope of the appended claims.

What is claimed as new and desired to secure by Letters Patent is:

1. An infant's auxiliary toilet seat of the character described comprising, a base having a seat aperture therethrough, and a pair of flanges formed integrally with said base and engageable under both the front and back of an adult's toilet seat to hold the infant's seat securely in place.
2. An infant's auxiliary toilet seat comprising, a base including a portion of soft flexible material having a seat aperture therethrough, said base having a section of reduced area extending transversely thereacross to permit the seat to flex, and a pair of flanges on said base engageable under an adult's toilet seat by flexing the seat at said reduced section to hold the infant's seat securely in place on the adult's seat.
3. An infant's auxiliary toilet seat of the character described comprising, a base of resilient moldable material having a seat aperture therethrough, a pair of flanges formed integrally with said base and adapted to grip the lower side of an adult's toilet seat, and reenforcing members of resilient material extending from said base into said flanges to increase the gripping power of the flanges.
4. An infant's auxiliary toilet seat as defined in claim 3 including a reenforcing member imbedded in the rear portion of said base, and a reenforcing member imbedded in the front portion of said base and separated from said first

named reenforcing member to provide a weakened section which permits the seat to be flexed.

5. An infant's auxiliary toilet seat comprising, a base of soft flexible material having a seat aperture therethrough, a reinforcing member imbedded in said base surrounding and spaced from said aperture, said base including a section of minimum strength extending transversely thereacross to permit the seat to flex, and a pair of flanges on said base engageable under an adult's toilet seat by flexing the seat at said section of minimum strength to hold the infant's seat securely in place on the adult's seat.

6. An infant's auxiliary toilet seat of the character described comprising, a base of resilient moldable material having a seat aperture therethrough and a weakened section thereacross to permit flexing, a pair of flanges on said base adapted to engage under the lower side of an adult's toilet seat upon flexing said infant's seat, and reinforcing members of resilient material extending from said base into said flanges to increase the gripping power of the flanges.

7. An infant's auxiliary toilet seat of the character described comprising, a base of resilient moldable material having a seat aperture therethrough, a reinforcing member at the rear of said seat and extending around said aperture toward the front thereof, a reinforcing member in front of said aperture extending toward said first named reinforcing member and spaced therefrom to provide a section of minimum strength which permits flexing of the seat, and flanges engageable under an adult's toilet seat by flexing the infant's seat, to secure the infant's seat on the adult's seat.

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