Oct. 26, 1943. A. B. MULLER 2,332,658

TOILET SEAT ATTACHMENT

Filed April 1, 1942

Fig. 1.

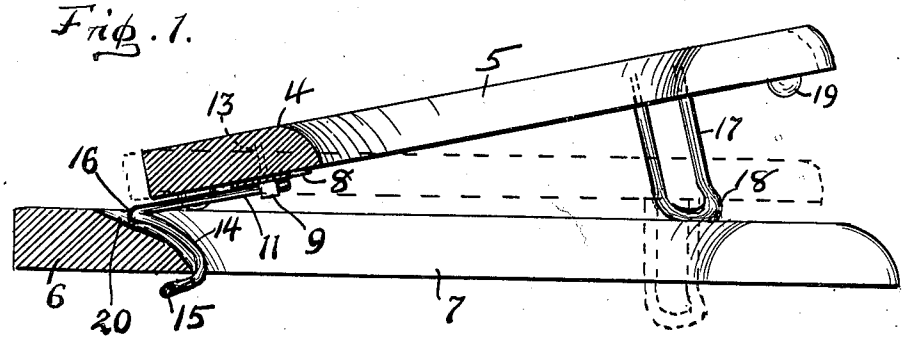


Fig. 2.

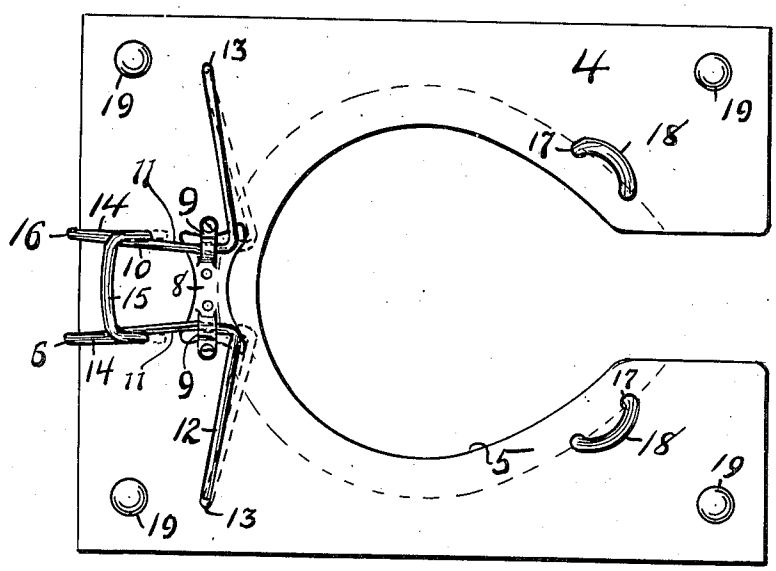
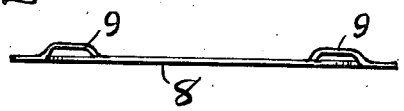


Fig. 3.



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TOILET SEAT ATTACHMENT

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Application April 1, 1942, Serial No. 437,169

2 Claims. (Cl. 4—239)

This invention relates to improvements in toilet seat attachments in which a seat for an infant is provided for use in conjunction with an ordinary adult toilet seat.

An object of the invention is to provide a toilet seat for use of an infant that is removably attachable to an ordinary adult toilet seat, provided with means for centering the child's seat on the adult seat as it is positioned thereon, and for sustaining the attached seat in its operative position.

Another object of the invention is to construct the holding means of the infant seat so as to permit easy and unobstructed adjustment thereof between the infant's seat and the adult's seat as it is applied.

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

An illustrative embodiment of the invention is shown in the accompanying drawing, in which:

Fig. 1 is a side elevational view of the infant toilet seat attachment in connection with an adult toilet seat, the view being shown in mid-longitudinal section;

Fig. 2 is a bottom plan view of the infant's seat attachment; and

Fig. 3 is an inverted rear elevational view of a chafing plate used in the construction.

The illustrative embodiment of the invention consists of a seat 4 formed preferably of wood shaped to have an opening 5 proportioned so that when the seat attachment is placed upon a regular adult toilet seat 6 the opening 5 in the infant seat and opening 7 in the adult seat are alined.

On the bottom face of the seat 4, located back of the opening 5 therein, is secured a chafing plate 8 provided with arches 9 in which is movably secured an automatically adjustable seat securing fixture 10. The fixture 10 consists of a spring wire frame having parallel side members 11 that slidingly extend through the corresponding arches 9 and underlie the bottom face of the chafing plate 8. The spring frame has laterally extending arms 12 that are continuations of the side members 11, the outer terminals of said arms being upturned and projected into the seat 4, holes being drilled therein for their reception, to form pivots 13 upon which said arms have swinging movement. The rear ends of the side members 11 have a pendent loop contiguous therewith to provide forwardly extending arched arms 14 and a rearwardly extending terminal hook 15. The wire of which the frame 10 is formed, at the juncture of the side members 11 and the arms 14, is bent sharply to provide blunt stub bearings 16 situated substantially in the axial planes of the side members 11. These bearings, the arched arms and the hook combined, constitute a feature of the invention as appears in the following description of the operation when applying the attachment.

The infant supplemental seat 4 is provided with pendent rigid stops 17, preferably U-shaped and having forwardly extending terminal loops 18 that, when the supplemental seat is in operative position, underlie the lower face of the regular or adult seat.

To prevent marring the adult seat, when the attachment is applied thereto, there are provided cushions 19 that project from the bottom face of the infant seat wherefore to prevent direct contact of one seat with the other.

In using the invention, the infant seat attachment is initially poised on the adult seat so the stub bearings 16 rest upon the upper curved face 20 of the opening 7 in the adult seat with the lower loop ends 18 of its stops 17 resting on the top of the adult seat and with the hook 15 projected beneath the adult seat back of its opening 7. While thus poised the infant seat is manually thrust rearwardly, resisted by the frame 10 with its stub bearings 16 then engaged with the adult seat, a sufficient distance to permit the stops 17 to pass through the regular seat opening and subsequent lowering of the infant seat into its operative position.

The spring frame structure being so formed that the blunt bearings 16 are located substantially in the plane of the side members 11, while contacting with the adult seat, directly oppose rearward movement of the side members relative to the adult seat in line with their axes as the supplemental seat is thrust rearwardly in opposition to the resistance of the spring frame. Thus is averted any tendency of the side members to become bent or frictionally resisted in their sliding movement in the arches, which facilitates the adjusting movement of the infant seat relative to the spring frame.

Variations from the particular construction above disclosed may be resorted to by the exercise of skill in the art, without departure from the spirit or scope of the invention, and the following claims are intended to be inclusive of such variations.

What I claim is:

1. An attachment for an adult toilet seat consisting of a supplemental infant's toilet seat superimposed upon the adult seat, and a fixture secured to said infant seat beneath the rear por-

tion thereof and consisting of a spring frame having arms pivotally connected to the infant's seat and provided with side members disposed for longitudinal sliding movement relative to the infant's seat and being shaped to have at their rear ends blunt stub bearings substantially alined with the axes of said side members and provided with a pendent loop contiguous with said bearings extending forwardly therefrom and terminating in a rearwardly extending hook, said infant's seat having means engaging the adult seat to limit forward movement of the infant's seat when positioned thereon, the arrangement being such that said bearings engage the adult seat on the upper face thereof when the infant's seat is initially poised thereon and thrust rearwardly into operative position.

2. A fixture for securing an infant's toilet seat on an adult toilet seat, said fixture consisting of a spring frame having arms pivoted to the infant's seat and provided with side members secured thereto for longitudinal sliding movement, there being blunt stub bearings formed at the rear ends of said side members alined with the axes thereof, and a pendent loop contiguous with said bearings extending forwardly therefrom and terminating in a rearwardly extending hook for engagement with the adult seat, said bearings having contact with the upper face of the adult seat wherefore to resist rearward movement of the fixture relative thereto as the infant seat is moved into operative position thereon.

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