Sept. 27, 1932. M. M. BRYANT 1,879,066

SHIELD FOR BOYS' TOILET SEATS

Filed Dec. 11, 1930

Fig. 1.

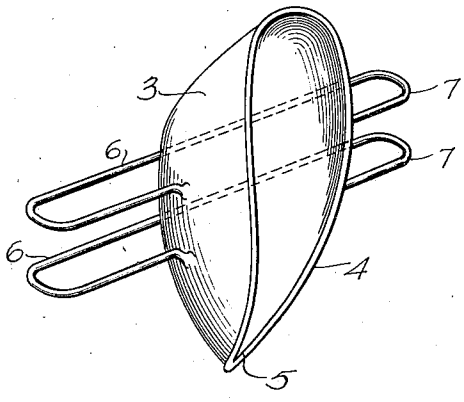


Fig. 2.

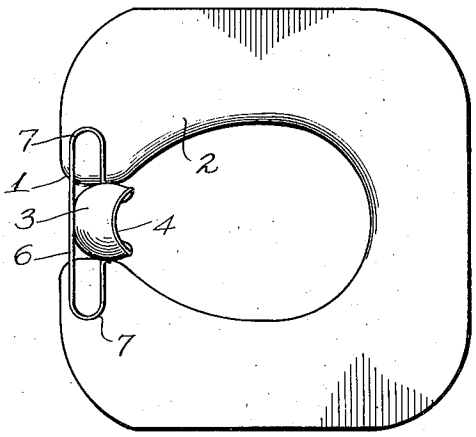


Fig. 3.

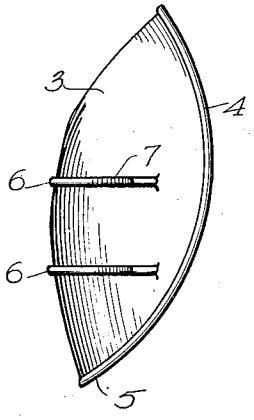
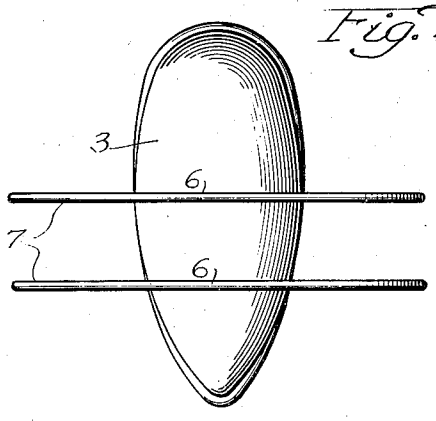


Fig. 4.



Witnesses
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Patented Sept. 27, 1932 1,879,066

UNITED STATES PATENT OFFICE

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SHIELD FOR BOYS' TOILET SEATS

Application filed December 11, 1930. Serial No. 501,617.

This invention relates to toilet seats particularly adapted for use by young male children.

The main objects of this invention are to provide an improved form of shield adapted to be mounted on the toilet seat to prevent the discharge of urine over the forward edge of the seat; to provide improved means for detachably securing the shield to a toilet seat of the open front type; and to provide a device of this kind which may be used without any discomfort to the young child.

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

Figure 1 is a perspective view of an improved shield to which this invention is applied.

Fig. 2 is a top plan of a toilet seat to which an improved shield is attached.

Fig. 3 is a side elevation of the shield.

Fig. 4 is a front elevation of the shield.

In Patent No. 1,737,572, issued December 3, 1929, in the name of Martha M. Costigan, I have shown a shield attached to a toilet seat of the closed front type. The shield therein shown is not adapted for use in connection with toilet seats of the open front type.

In the construction herein shown, the improved shield embodying this invention is detachably seated in the narrow opening 1 at the front of a toilet seat 2.

The shield preferably comprises a sheet metal stamping which is formed to provide a bowl 3 having a beaded rim 4, so as not to present any sharp edges which might injure the child. The bowl is adapted to be placed in the opening 1 with the mouth of the bowl facing rearwardly, as illustrated in Fig. 2.

In the construction shown, the upper portion of the bowl is rounded, and the lower end is tapered to provide a spout 5 to permit a free discharge from the bowl.

The bowl is detachably secured to the seat by an improved clamp which comprises a pair of wires 6, arranged in substantially parallel spaced relation to each other and having their central portions soldered, welded or otherwise rigidly secured to the base of the bowl. The ends of the wires are bent to form loops 7 and the extremities thereof are secured to the sides of the bowl. The loops 7 are arranged to form spring clips adapted to span the opening 1 and to embrace the adjacent edges of the seat for detachably securing the device to the seat.

The many advantages of a device embodying these features of construction are obvious from the foregoing description and accompanying drawing.

I claim:

1. A shield adapted for attachment to a boy's toilet seat of the open front type having an opening extending inwardly from its forward edge, said shield comprising a bowl adapted to be seated in said opening with the mouth of said bowl facing rearwardly, and yieldable means on said bowl adapted to frictionally engage the edges of the seat adjacent said opening for detachably securing said bowl to the seat.

2. A shield adapted for attachment to a boy's toilet seat of the open front type having an opening extending inwardly from its forward edge, said shield comprising a bowl adapted to be seated in said opening with the mouth of said bowl facing rearwardly, and yielding clamping means rigidly secured to said bowl and adapted to span said opening for detachably securing said bowl to the edges of the seat adjacent said opening.

3. A shield adapted for attachment to a boy's toilet seat of the open front type having an opening extending inwardly from its forward edge, said shield comprising a bowl adapted to be seated in said opening with the mouth of said bowl facing rearwardly, and yielding clamping means rigidly secured to said bowl and adapted to span said opening and to frictionally engage the seat for detachably securing said bowl to the edges of the seat adjacent said opening.

4. A shield adapted for attachment to a toilet seat having an opening extending inwardly from its forward edge, said shield comprising a bowl adapted to be seated in said opening with the mouth of said bowl facing rearwardly, and yieldable arms extending laterally from said bowl so as to be

adapted to span said opening for detachably securing said bowl to the edges of the seat adjacent said opening.

5. A shield adapted for attachment to a toilet seat having an opening extending inwardly from its forward edge, said shield comprising a bowl adapted to be seated in said opening with the mouth of said bowl facing rearwardly, and two pairs of yieldable arms extending outwardly from respectively opposite sides of said bowl so as to be adapted to span said opening, the arms of each pair being spaced from each other so as to be adapted to embrace the edges of the seat adjacent said opening.

6. A shield adapted for attachment to a toilet seat having an opening extending inwardly from its forward edge, said shield comprising a sheet metal bowl adapted to be seated in said opening with the mouth of said bowl facing rearwardly, said bowl having a beaded rim and being tapered downwardly to provide an outlet spout, and a pair of wires arranged in substantially parallel spaced relation to each other and being secured to the base of said bowl, the ends of said wires being bent to form loops and having the extremities thereof secured to the sides of said bowl, said loops being adapted to span said opening and to embrace the edges of the seat adjacent said opening.

Signed at Chicago this 24th day of November, 1930.

MARTHA M. BRYANT.