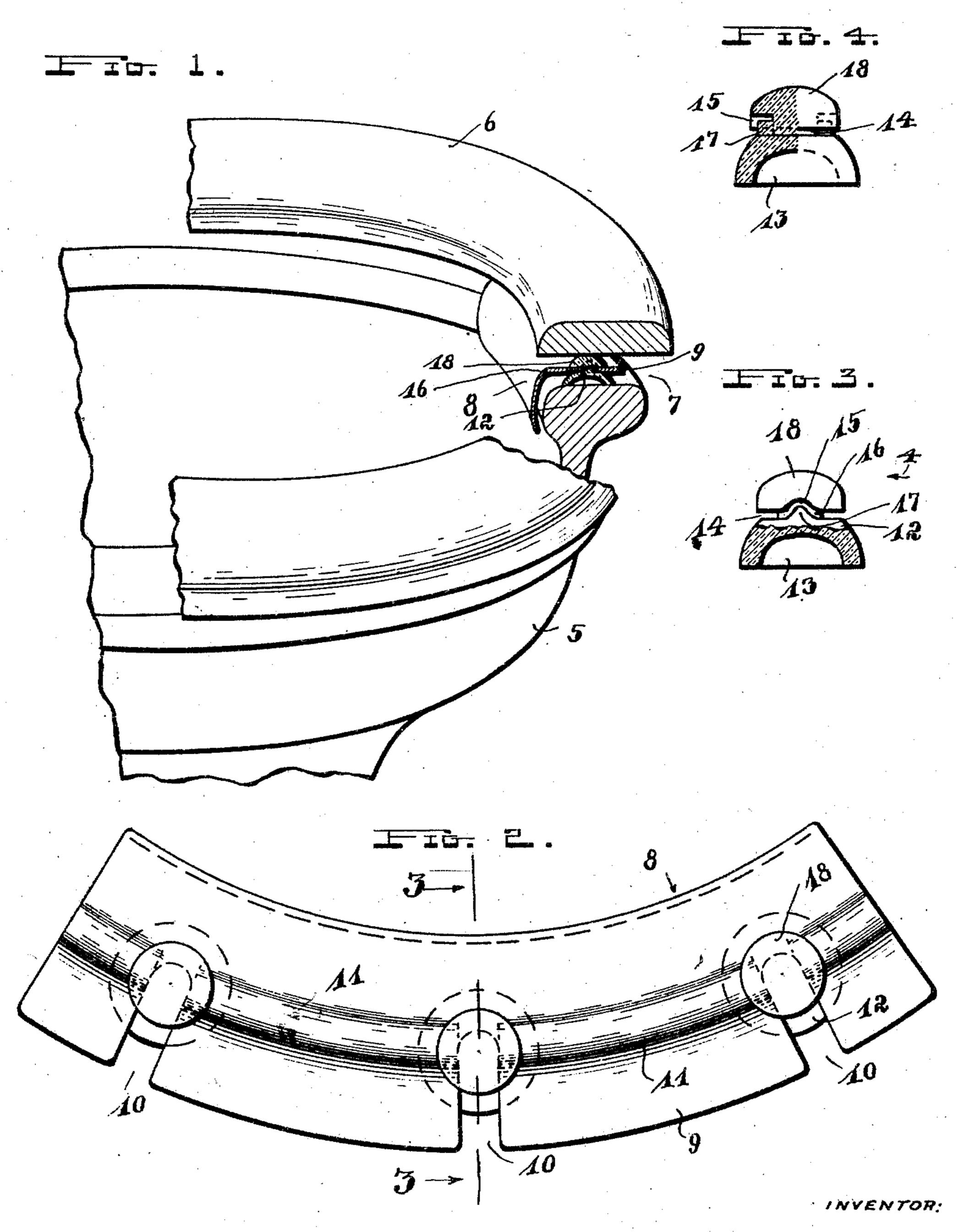
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TOILET BOWL ATTACHMENT

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TOILET-BOWL ATTACHMENT.

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serted between the seat and bowl of a water- the underside of the seat. closet.

5 prevent water from being squirted through flange 9. the space between the seat and bowl of a wa- The flange is therefore provided with slots ter-closet.

10 which the shield may be applied to the bowl rib 11 throughout the length of the flange 65 of a water-closet.

the bowl.

15 Other objects will appear from the folwhich—

20 of a toilet bowl and seat with a simple attach- fit on the rib 11 is clearly indicated at 15 in 75 bodying this invention.

25 ing this invention.

30 elevation by which the button and vacuum 17 reaches the hollow of the rib 11, at which 85 cup can be held to the shield.

tion and the rest in vertical section as seen cup is pushed into place on the flange 9, the

the direction of about the arrow 4. As illustrated, there is commonly a space over the top edge of the rib 11. between the toilet bowl 5 and the seat 6, as indicated at 7 in Fig. 1.

small children are placed on toilets.

The device disclosed herewith is princi- cup is in its proper position on the flange 9. pally designed to facilitate its use by its When such a vacuum cup, one or more, eliminate any screws or other fastening pressed to the top edge of the bowl. means vacuum cups made of suitable mate- Having thus described my invention, I rial, as of rubber, are used in connection with claim: the device.

apron 8 and a practically horizontal flange the seat downwardly into the bowl, as illus- the top edge of a water-closet bowl. trated in Fig. 1. A flange 9 is disposed in 2. In a toilet bowl attachment, in combina- 110

This invention relates to attachments in- the space between the top of the bowl and

The vacuum cups are designed of a form One of the objects of this invention is to that they may be removably applied to the

10, three being shown in Fig. 2, however, Another object is to provide a simple shield more or less slots may be provided. The made of sheet material, embodying means by flange 9 is, furthermore, provided with a 9 interrupted by the slots 10.

Another object is to provide vacuum cups A vacuum cup 12 as used in this device, by which a shield can be applied and held to preferably made of rubber, is hollowed in its underside, as indicated at 13 in Figs. 3 and 4.

lowing description and appended claims as A cut 14 provided at about its middle is well as from the accompanying drawing, in shaped on opposite sides of the vacuum cup so that the cut may be engaged with the rib 11 Fig. 1 is a fragmentary perspective view of the flange 9. The shaping of this cut to ment inserted between the bowl and seat em- Fig. 3. The whole cut encircling the vacuum cup leaves a round neck portion 16, which Fig. 2 is a top plan view of an attachment- may be slipped into the slot 10 of the flange 9.

shield with buttons inserted in slots embody- This vacuum cup is simply applied to the flange by being pushed into the slot 10 with its 80 Fig. 3 is a vertical section of the vacuum neck 16. The upwardly projecting portion cup on approximately the lines 3—3 of Fig. 17 below the cut portion 15 by the resiliency 2, illustrating the peculiar cut around the of the rubber yields enough to slide along middle of the upper button portion in side the underside of the flange 9 until this portion moment it may expand to seat itself within Fig. 4 is an illustration partly in side eleva- the hollow of the rib. While the vacuum at right angles to the illustration of Fig. 3 in neck 16 at the same time stretches sufficiently to facilitate a pushing of the head-portion 18 90

The curved cut portion 15 seats over the top edge of the rib 11, while the upwardly In using a toilet it may happen that water projecting portions 17 on the opposite sides passes through this space, especially when of the neck 16 project into the hollow of the 95 underside of the flange when the vacuum

simplicity. The principal portion of this de- is applied to the flange, the apron is held in vice is made of sheet-material, however, to proper position on the bowl by merely being 100

1. In a toilet bowl attachment, an apron The main portion above referred to con- shaped to extend from the underside of a rus sists principally of a downwardly hanging toilet seat to within a bowl of a water-closet, and vacuum cups projecting from the under-9. The apron 8 is formed to extend from side of the apron adapted to be applied to

tion with a toilet bowl and seat, an apron ex- vided with slots extending from one of its tending from the underside of the seat to longitudinal edges into the flange and having within the bowl and embodying a flange por- a rib extending parallel to the longitudinal tion to project between the seat and bowl, said edge interrupted by the slots, and a vacuum each of said slots having a hollowed portion cut at about its middle of a width to correprojecting from the underside by which the spond to the thickness of the flange leaving vacuum cup and thereby the apron can be ap- a neck portion adapted to slide into the slots, plied to the top edge of the bowl.

main portion made of sheet material bent to flange. extend from the underside of a seat to within the bowl of a water-closet and embodying a my invention I have signed my name. flange to project between the seat and the bowl of a water-closet, the flange being pro-

of flange portion having slots, a vacuum cup for cup for each of said slots provided with a 20 the said cut being shaped on opposite sides 3. A toilet bowl attachment consisting of a of the neck to engage with the rib of said 23

In testimony that I claim the foregoing as

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