

J. W. YOUNG.
CLOSET SEAT COVER.
APPLICATION FILED SEPT. 5, 1912.

1,064,274.

Patented June 10, 1913.

2 SHEETS—SHEET 1.

Fig. 1.

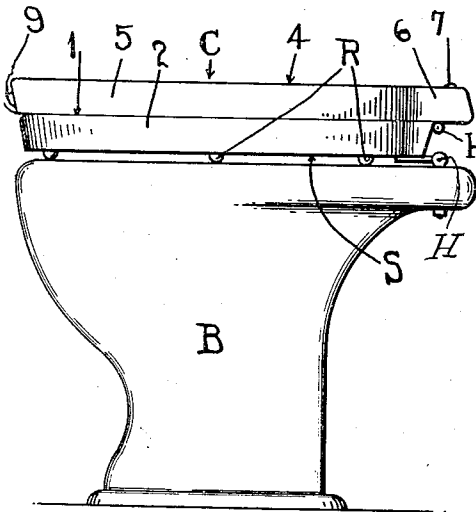


Fig. 2.

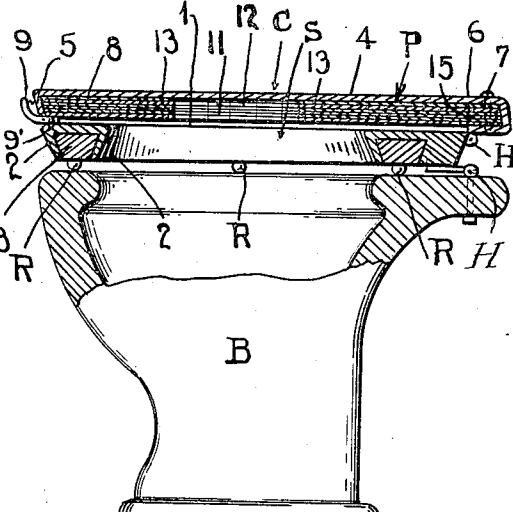


Fig. 9.

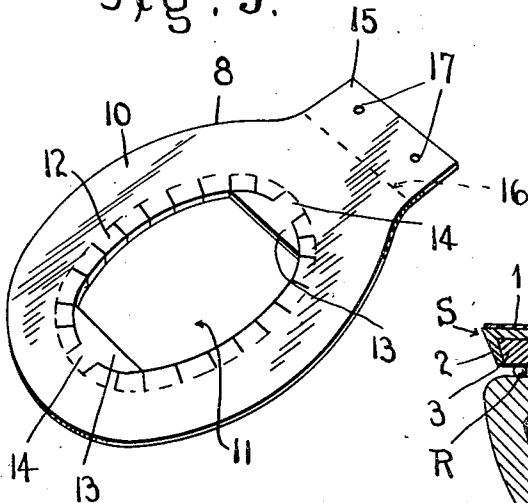
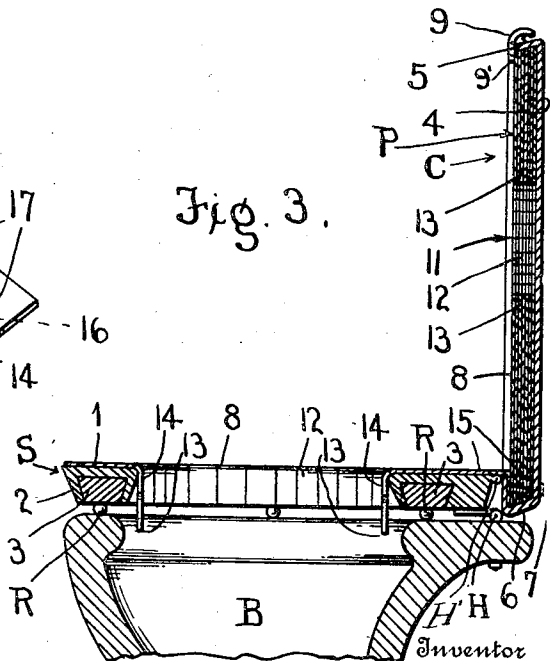


Fig. 3.



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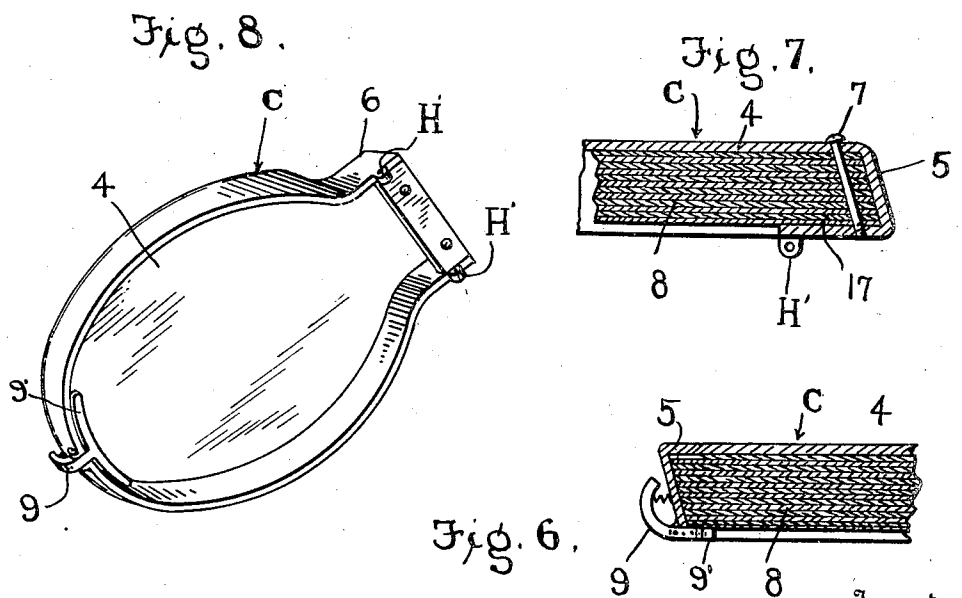
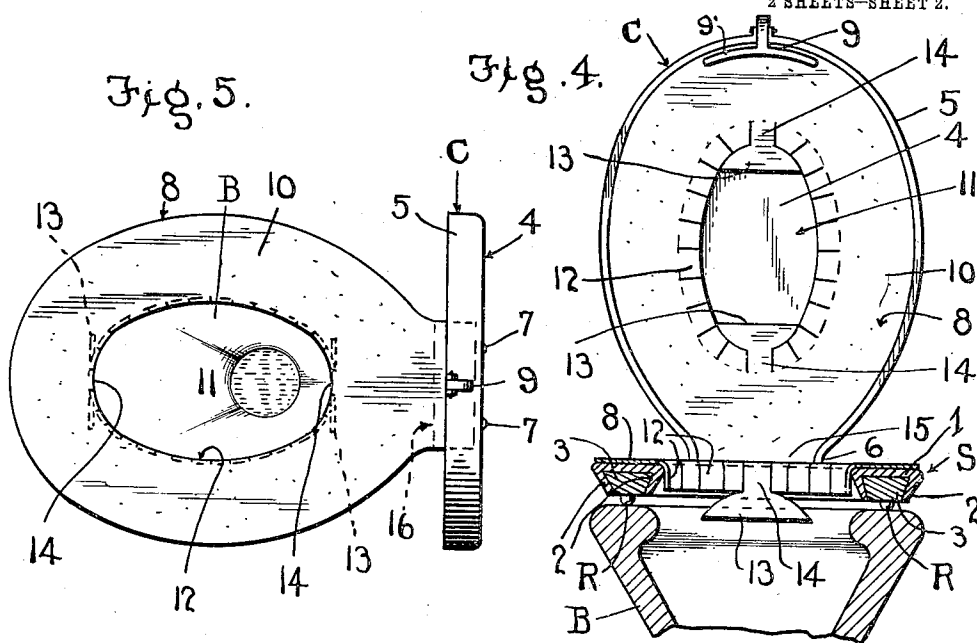
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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

JOHN WRAY YOUNG, OF HUTCHINSON, KANSAS.

CLOSET-SEAT COVER.

1,064,274.

Specification of Letters Patent.

Patented June 10, 1913.

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To all whom it may concern:

Be it known that I, JOHN WRAY YOUNG, a citizen of the United States, residing at Hutchinson, in the county of Reno and State of Kansas, have invented certain new and useful Improvements in Closet-Seat Covers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to baths and closets, and more especially to water closets; and the object of the same is to produce an improved and sanitary seat cover.

This object is carried out, broadly speaking, by improving the cover so that the exposed portions thereof are metal, and by making it cupped on its under side so that it becomes a receptacle for a pad of paper sheets capable of being detached one at a time and laid over the seat when the closet is used.

The invention consists specifically in the details whereby this general idea is carried out, all as hereinafter more fully described and claimed, and as shown in the drawings wherein—

Figure 1 is a side elevation, and Fig. 2 a central vertical longitudinal section through the bowl and its seat and cover with the latter closed; and Fig. 3 is a similar section with the cover raised. Fig. 4 is a transverse section through the seat with the cover raised, and Fig. 5 is a plan view thereof. Figs. 6 and 7 are enlarged sectional views of the front and rear ends respectively of the cover, showing the paper therein; and Fig. 8 is a perspective view of said cover from the under side. Fig. 9 is a perspective detail of one of the sheets of paper.

In the drawings, the letter B designates an ordinary water closet bowl to which at H is hinged to the seat S, C is the cover hinged as at H' to the seat, and P is a pad of paper or the like. The bowl may be of any construction and material, but preferably of porcelain or glazed pottery as usual. The seat has the ordinary oval configuration, and in my invention I make it of channeled metal 1, preferably of zinc or some metal which will not rust, with the flanges 2 of the channel converging downward and inclosing a filler 3 as of wood or some composition having less weight than metal; and in the lower face of this filler may be in-

serted the usual rubber plugs R which rest on the upper edge of the bowl B. The cover C is also by preference made of metal and has a flat top 4 with a peripheral depending flange 5, making it cup-shaped on its under side, and the cover has a box-like extension at the rear as at 6 with the metal carried completely around under it as at 6' so that it may be hinged as at H' to the seat; and through this extended portion is passed a fastening device 7 which may be a screw or a bolt carrying a nut—its details being unimportant.

The paper pad P is made up of a plurality of sheets 8 of thin or heavy paper, flexible or stiff, of straw-board, card-board or the like, or possibly of some other cheap, flexible, and waterproof material; and by preference I would treat the material with an antiseptic solution. The contour of the superimposed sheets 8 is such that the pad will fit in the cup-shaped receptacle formed by the flange 5 of the cover C, and the paper pad is held in place by the fastening device 7 and by a spring clasp 9 carried at the front portion of the flange 5 of the cover, and having a rather wide foot 9'. Each sheet 8 is cut in such form as to produce an annulus 10 having a large central hole 11, around which the inner edge of the annulus is slitted so as to produce tongues 12, and at the front and back of the hole 11 the paper is provided with a rather large and substantially triangular lip 13 whose narrow neck 14 unites it with the annulus 10—all as best seen in Fig. 9. The front lip is made large for sanitary purposes as well as to make the paper self-retaining. At its rear the sheet is provided with an extension 15 separated from the annulus by perforated lines 16 forward of the hole or holes 17 through which passes the fastening device 7. A group of these sheets constitutes a pad P, and the latter is inserted in the cup-shaped receptacle formed by the flange 5 around the cover C, by withdrawing the fastening device 7 and opening the clasp 9, then inserting the hole or holes 17 over the fastening device 7 to hold the pad at its rear, passing its front upward into the cover, and releasing the clasp 9 to hold the pad at its front. It is thus housed within the cover and thoroughly protected from water or moisture which might be spattered upon it, as for instance when a shower bath is being taken in the toilet room. Ordinarily the cover is

closed down upon the seat S so that the latter protects the lower side of the pad.

When now it is desired to use a water closet thus equipped, the cover is raised, the clasp is manipulated so that the exposed sheet 8 can be separated from those remaining in the pad P and this sheet is torn off on the perforated line 16, then it is laid over the seat S and the tongues 12 bent downward to cover the inner flange 2, the two larger lips 13 being finally bent downward so that by their shape they hook under the seat S at front and rear and hold the paper against accidental dislodgment. The closet is then used in the ordinary manner, and later the paper also finds its use and is thrown into the bowl and carried off when the latter is flushed. Attention is directed to the fact that the use of the paper sheet makes it possible to employ a seat of metal which—as is well known—is more sanitary than one of wood as it has no pores and is not susceptible to dampness. Yet the interposition of the paper between the metal portions 1 and 2 of the seat S and the person of the user prevents that shock which ordinarily occurs when cold metal comes into contact with flesh. The undercutting of the inner edge of the seat, as by bending its inner flange 2 toward its outer flange, should be done with care so that no sharp corner remains which might be uncomfortable to the user, but what angle there is is covered by the paper and the inner flange is thoroughly protected by the tongues 12 thereof while the converging shape of the flanges well retains the filler 3. The use of the latter is obviously for the purpose of lightening the weight of the seat, and if the same should be accidentally dropped upon the bowl B the latter will not be broken. Also I am enabled by my invention to make use of a cover which is entirely of metal and therefore more sanitary, and yet the metal nowhere comes in contact with the flesh of the user.

This device is susceptible of thorough cleaning as by turning onto it the hose of the shower bath, after having first removed the paper pad P, and no injurious results follow

the saturation of all parts excepting such pad. Finally, it is well known that wood expands and contracts under the influence of moisture and heat to which a water closet attachment is always subjected, but this difficulty is avoided when the parts are made of metal as far as possible.

I do not wish to be limited to the precise details further than as set forth below, and changes therein may be made which do not depart from the essential principles of the invention.

What is claimed as new is:

1. A metallic water closet seat-cover having a flat top and a peripheral depending flange forming a receptacle of inverted cup-shape, and a box-like extension at the rear of said cover, for the purpose set forth.

2. A metallic water closet seat cover having a peripheral depending flange, an extension at the rear of said cover, and a fastening device through said extension, for the purpose set forth.

3. A metallic water closet seat-cover having a flat top and a peripheral depending flange, an extension at the rear of said cover adapted to be hingedly connected with the seat, a fastening device through said extension, and a clasp at the front of the cover, for the purpose set forth.

4. The herein described water closet seat-cover consisting of a sheet of metal of a shape to conform with that of the seat and provided with a downwardly extending peripheral flange, the sheet of metal and its flange being continued at the rear into a box-like extension for the purposes set forth, and the sheet being further continued downward behind said extension and in under the same into a plate adapted to be connected with the seat-hinge.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN WRAY YOUNG.

Witnesses:

A. E. ASHER,
A. H. LITTLE.