Oct. 5, 1948. S. F. OLIVER 2,450,607

SITZ BATH

Filed Feb. 11, 1946

Fig. 1.

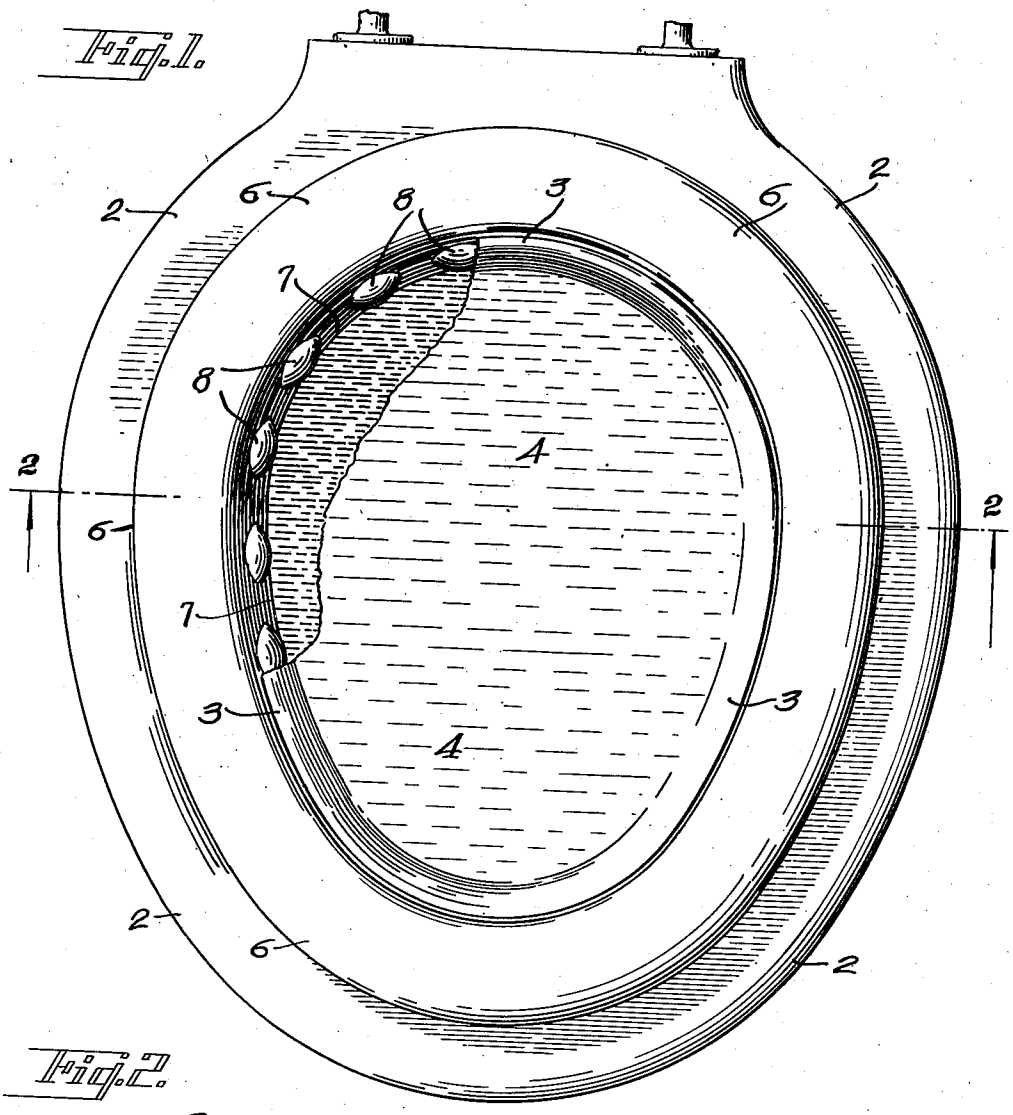
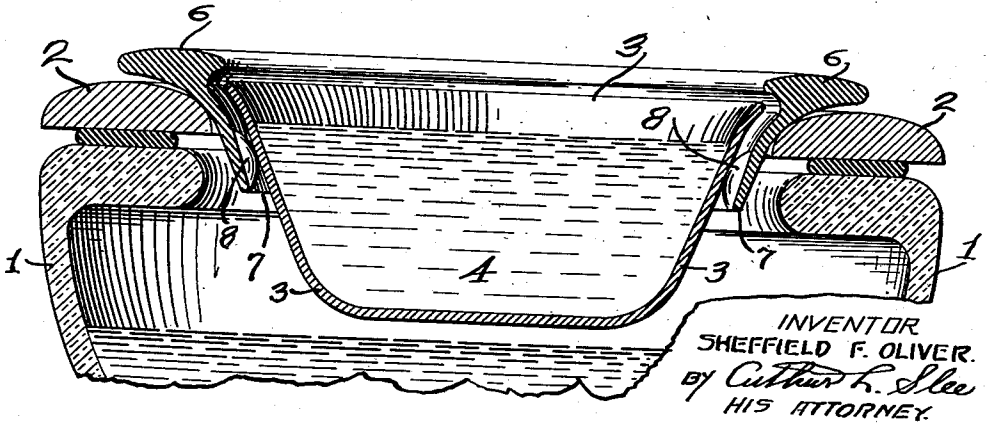


Fig. 2.



INVENTOR
SHEFFIELD F. OLIVER.
BY Arthur R. Slee
HIS ATTORNEY.

Patented Oct. 5, 1948

2,450,607

UNITED STATES PATENT OFFICE

2,450,607

SITZ BATH

Sheffield F. Oliver, Auburn, Calif.

Application February 11, 1946, Serial No. 646,915

3 Claims. (Cl. 4—6)

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The present invention relates to improvements in a portable sitz bath for use on toilet seats wherein a basin arranged to contain a liquid solution and to sit within an aperture within a toilet seat operates in conjunction with an annular flange or ring to hold the top of said basin substantially flush with the top of said toilet seat and in annular spaced relation thereto whereby any overflow of solution from said basin will be prevented from contacting said seat and will be conveyed directly into a toilet bowl supporting said seat.

The primary object of the present invention is to provide a new and improved sitz bath.

Another object is to provide a new and improved device of the character set forth arranged to hold a liquid solution at a sufficiently high level within a toilet seat to facilitate an efficient application of said solution to the posterior of a patient seated thereon.

A further application is to provide a sitz bath of the type described having a greatly simplified construction whereby the same easily may be constructed and economically produced and providing full accessibility to all portions thereof to facilitate a thorough cleansing thereof.

A still further object is to provide a new and improved sitz bath in which a maximum overflow therefrom may be effectively directed or conveyed directly into a toilet bowl to prevent contact of said overflow or liquid with said seat.

I accomplish these and other objects by means of the improved construction and arrangement of parts as disclosed in the drawings forming a part of the present application, and in which—

Fig. 1 is a partly broken plan view of my improved sitz bath as applied to a toilet seat; and

Fig. 2 is a broken transverse section taken on line 2—2 of Fig. 1, in the direction indicated.

Referring to the drawings:

The numeral 1 is used to designate in general a toilet bowl having the usual apertured seat 2 on the top thereof. Arranged to sit within the aperture or opening of said seat 2 is a basin 3 for containing a liquid solution 4 to be applied to a patient, not shown, seated upon the bath, as hereinafter set forth.

In order to support the top of the basin 3 and the solution 4 therein at the highest possible level to facilitate application of said solution 4, I have provided a ring or annulus 6 having a preferably converging flange 7 depending therefrom and below the bottom of seat 2, and also below the top of the bowl 1, as fully disclosed in section in Fig. 2 of the drawings. This flange 7 preferably is arranged to fit comparatively snugly within the opening of the seat 2, and in order to support the upper portion of said basin 3 in spaced relation to the inner surface of the flange 7 as well as the seat itself, so that a maximum overflow from said basin 3 may be prevented from wetting the seat

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2 and directed into the bowl 1 below, the inner side of the flange 7 is provided at regularly spaced intervals with knobs or bosses 8, which arrangement effectively maintains an annular channel or space between the outer surface of the basin 3 and the inner surface of the flange 7 through which a maximum overflow may be conveyed and thus be prevented from contacting or wetting the seat 2 and directed directly into the bowl 1 supporting said seat 2.

By means of this novel arrangement of a simple bowl and an annulus or ring to support a liquid solution therein at a comparatively high level, an efficient application of said solution easily may be had without wetting the seat 2 or spilling the liquid solution beyond the bowl 1.

As the ring or annulus 6 easily may be separated from the basin 3, it is obvious that all portions of the surfaces of both parts are rendered fully accessible for cleansing or other purposes.

Having described my invention, I claim:

1. A sitz bath comprising a basin arranged to sit within an opening in a toilet seat; and a ring having an annular depending flange arranged to be seated within said opening and having spaced means for supporting said basin with the rim thereof in annular spaced relation with said flange.

2. A sitz bath comprising a basin arranged to sit within an opening in a toilet seat; and a ring having a depending annular flange arranged to engage said opening and depend below the bottom of said seat, said flange being provided on the inner surface thereof with spaced bosses to engage and support said basin with its rim in annular spaced relation with said inner surface.

3. A sitz bath comprising a basin arranged to sit within an opening within a toilet seat; and a ring having a converging, depending annular flange arranged to be seated within said opening and depending below the bottom of said seat, said flange being provided on the inner surface thereof with bosses spaced at regular intervals and arranged to engage and support said basin with the rim thereof in annular spaced relation with said inner surface of said flange.

SHEFFIELD F. OLIVER.

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