E. C. STOVER.

WATER CLOSET SEAT.

APPLICATION FILED JULY 13, 1907.

912,754.

Patented Feb. 16, 1909.

2 SHEETS—SHEET 1.

Fig. 1.

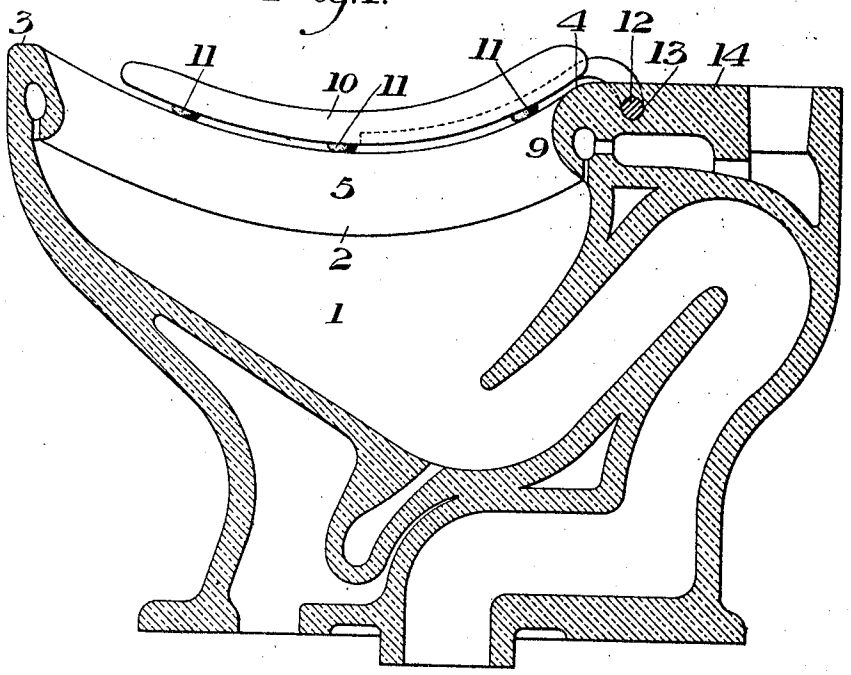
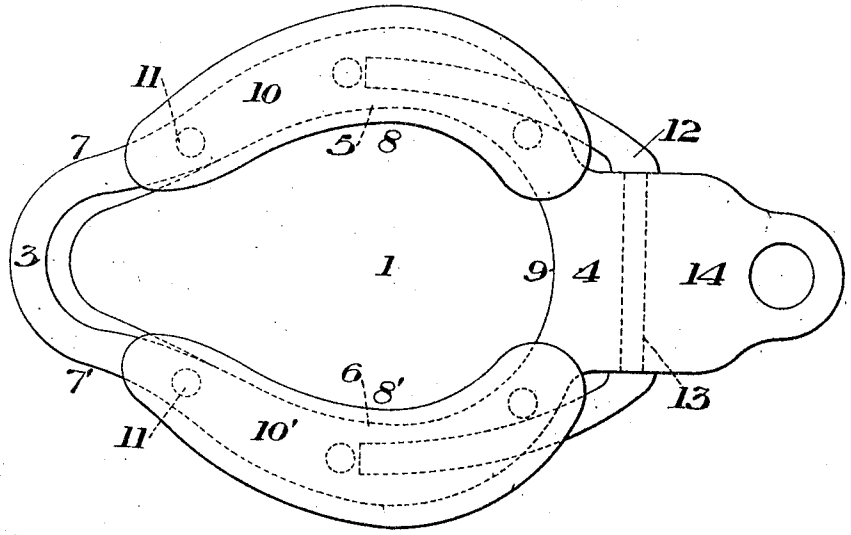


Fig. 2.



WITNESSES

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2 SHEETS—SHEET 2.

Fig. 3.

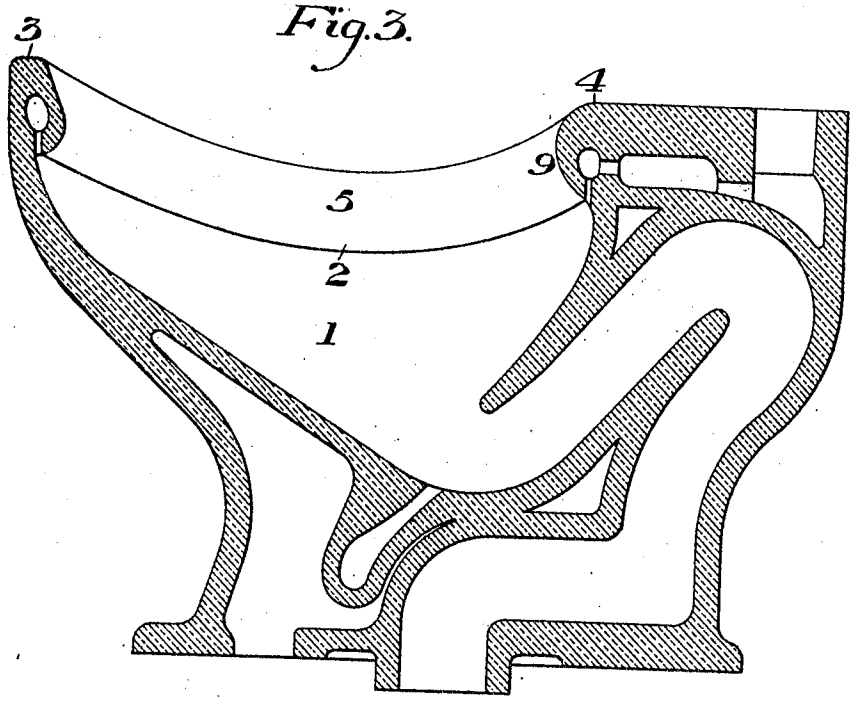
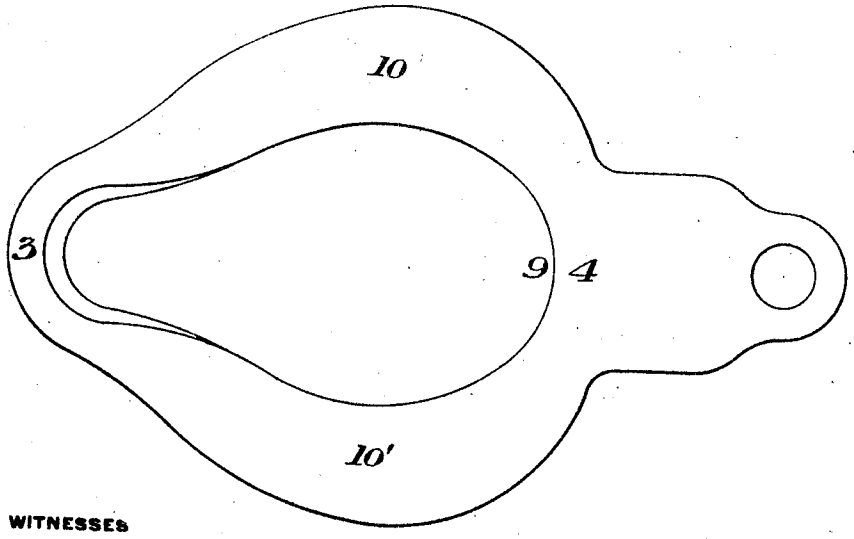


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

EDWARD C. STOVER, OF TRENTON, NEW JERSEY, ASSIGNOR TO TRENTON POTTERIES COMPANY, OF TRENTON, NEW JERSEY, A CORPORATION OF NEW JERSEY.

WATER-CLOSET SEAT.

No. 912,754. Specification of Letters Patent. Patented Feb. 16, 1909.

Application filed July 13, 1907. Serial No. 383,651.

To all whom it may concern:

Be it known that I, EDWARD C. STOVER, a citizen of the United States, residing at Trenton, in the county of Mercer and State of New Jersey, have invented a new and useful Improvement in Water-Closet Seats, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a vertical section of a closet-bowl and seat embodying my invention; Fig. 2 is a plan view thereof; and Figs. 3 and 4 are views similar to Figs. 1 and 2, respectively, showing a modification of the invention.

The invention relates to improvements in seats for water-closets, and has for its object to provide a saddle-like construction of bowl and seat which is especially adapted to the shape of the body.

Another object of the invention is to provide a closet of a shape and construction which is highly sanitary and which avoids the soiling to which the ordinary closet is liable.

Referring to the drawing, the bowl 1, which can be of any desired construction and made of any suitable material, has a curved rim 2, integral with the bowl and so shaped that the front portion 3 of said rim 2 is higher than its rear portion 4, while the side portions 5 and 6 are lower than the rear portion 4. The side portions 5 and 6 are of greater cross-sectional area than the remainder of the rim, increasing from the points 7 and 9 to the point 8 on the side 5, and from the points 7′ and 9 to the point 8′ on the side 6.

10, 10′, are sections of a wooden seat having supporting studs 11 and a rigid U-shaped rod 12 connecting the part 10 of the seat with the opposite and similar part 10′ thereof, through an annular opening 13 in the seat-shelf 14 of the closet-bowl.

The essential feature of this invention is the saddle-like seat 10, 10′, so shaped as to fit the body, and which preferably consists of two separate pieces or sections 10, 10′ of wood or other material, connected by the rod 12, whereby both sections may be operated as a whole. The seat portions 10, 10′ are so shaped that they slope inwardly thus conforming to the saddle shape. This is at the same time a valuable sanitary feature as any water falling on the sloping portions will drain inwardly. The studs 11 are composed of rubber or other suitable material, and serve to hold the seat from contact with the rim in such a manner as to give proper ventilation.

Figs. 3 and 4 show a modification of the construction, wherein the seat is integral with the bowl, with the rim of approximately the same cross-sectional area as that of the sections 10, 10′ of the wooden seat, as shown in Figs. 1 and 2, and shaped in a similar manner, to give the same saddle-shaped effect.

It is obvious that various changes may be made in the details of construction and arrangement, without departing from the spirit and scope of my invention; since

What I claim is:—

1. A water-closet having a saddle-shaped seat open at both front and rear ends.

2. A water-closet having a saddle-shaped seat, the sides of said seat being lower than the end portions thereof open at both front and rear ends.

3. In a water-closet, a bowl having an integral, curved rim, the side portions of said rim being lower than the front and rear portions thereof, and a saddle-shaped seat open at both its front and rear ends.

4. In a water-closet, a bowl having an integral, curved rim, the side portions of said rim being lower than the front and rear portions thereof, a saddle-shaped seat open at both its front and rear ends and a connection for operating the saddle-shaped seat.

5. In a water closet, a bowl having an integral curved rim, the side portions of said rim being lower than the front and rear portions thereof, a saddle-shaped seat open at both the front and rear ends and curving downward from the back and upward toward the front.

6. In a water closet, a bowl having an integral curved rim, the side portions of said rim being lower than the front and rear portions thereof, a saddle-shaped seat open at both front and rear and not extending as far forward as the front portion of said rim.

In testimony whereof, I have hereunto set my hand.

EDWARD C. STOVER.

Witnesses:
F. H. BILDERBACK,
C. E. LAWTON.