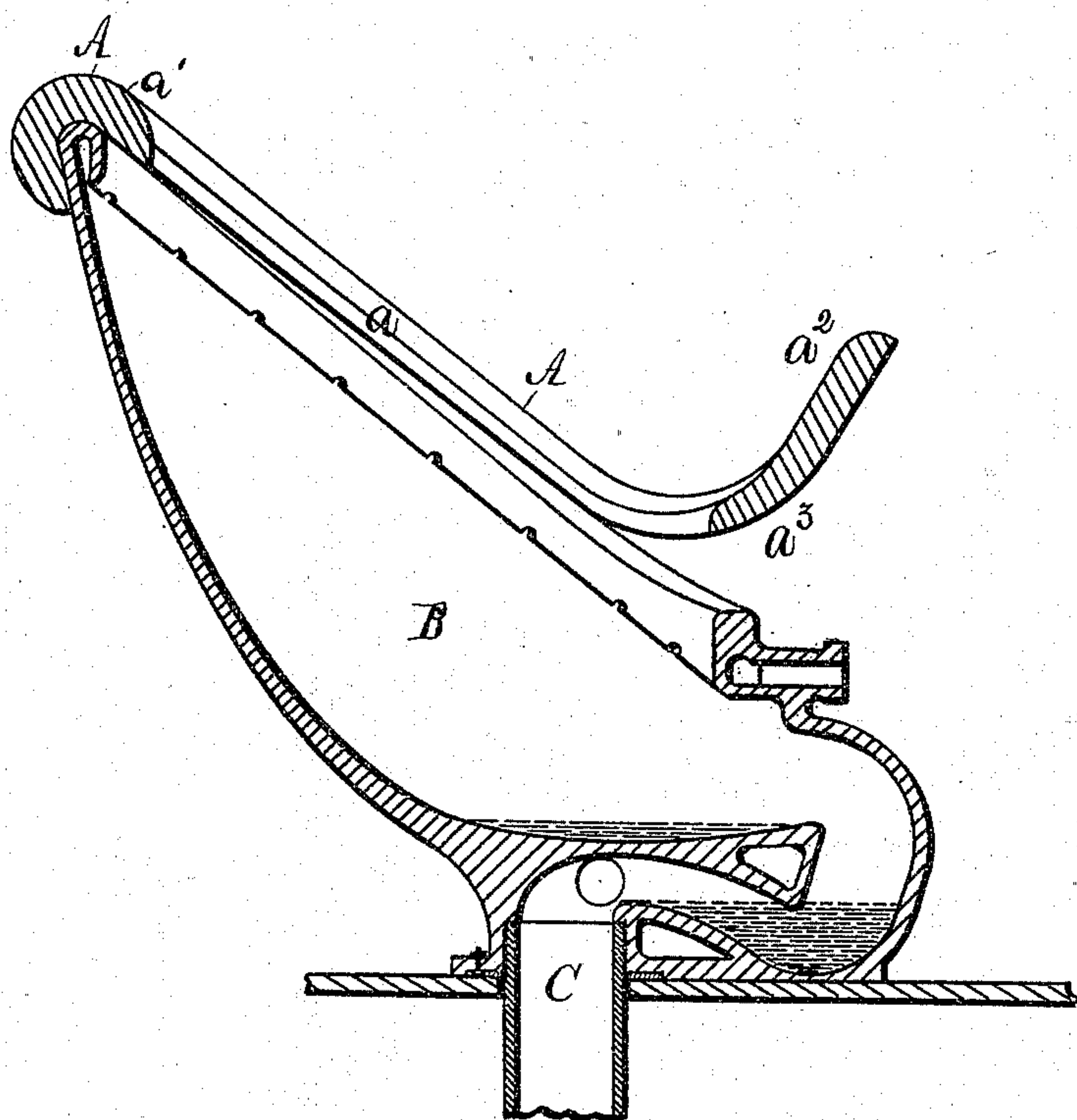


(No Model.)

C. H. MUCKENHIRN.
WATER CLOSET.

No. 559,304.

Patented Apr. 28, 1896.



WITNESSES
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UNITED STATES PATENT OFFICE.

CHARLES H. MUCKENHIRN, OF DETROIT, MICHIGAN, ASSIGNOR TO JOHN S. TYLER, OF SAME PLACE, AND FRANK P. BOUGHTON, OF BATTLE CREEK, MICHIGAN.

WATER-CLOSET.

SPECIFICATION forming part of Letters Patent No. 559,304, dated April 28, 1896.

Application filed October 25, 1890. Serial No. 369,341. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. MUCKENHIRN, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Water-Closets; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawing, which forms a part of this specification.

Heretofore water-closets have usually been constructed with the seat on which the person sits arranged to be used on a horizontal plane with the basin and outlet-pipe beneath; but this is an unnatural position for the person, and many bad results have their origin in the fact that people when they go to stool do not take the natural position—that is to say, a crouching position, with the knees bent as much as possible and the trunk resting against the thighs.

My invention has for its object to produce a water-closet in which the seat shall be so formed that a person sitting thereon will be obliged to assume what I have just described as the natural position, thus greatly aiding constipated persons in their passages, as well as forcing them always to take a position most conducive to good health. To this end I form the seat so that the forward edge shall always be at a higher elevation than the rear edge, or, in other words, I throw the plane of the seat at an oblique angle with a horizontal plane.

The figure in the drawing is a sectional view illustrating my invention.

In carrying out the invention, A represents the seat on which the person sits, provided with the usual opening a . The rear edge a^2

may, if desired, be turned or rounded up, as shown at a^3 , and thus provide a brace against which the person can rest.

B represents the usual basin beneath the seat, and C the usual outlet. As shown in the drawing, the bowl or basin B preferably has its upper edge or margin inclined downward and rearward, or, in other words, said bowl or basin is higher in front than at its rear, so as to conform to the rearward and downward inclination of the seat. Now, as will be observed, the front edge a' of the seat is permanently at a higher elevation than the rear edge a^2 , thus throwing the plane of the seat at an angle of forty-five degrees, more or less, with a horizontal plane and causing the person when sitting down to assume a position with the thighs bent up against the abdomen or trunk.

What I claim is—

1. In a water-closet, the combination with a bowl having a rigid raised front edge on a plane above the rear edge, and a stationary edging having an upturned support on the lower edge, substantially as described.

2. In a water-closet the combination with a fixed bowl having a raised front seating edge on a plane above the rear edge and inclined sides, of a stationary seat portion on the edge and sides, substantially as described.

3. A water-closet bowl having its forward seating edge extended up to a plane above the plane of the rear edge, and sides inclining from front to rear, substantially as described.

In testimony whereof I sign this specification in the presence of two witnesses.

CHARLES H. MUCKENHIRN.

Witnesses:

W. H. CHAMBERLIN,
C. J. SHIPLEY.