

PATENTED MAR. 12, 1907.

LAVATORY AND MEANS FOR SUPPORTING SAME.

APPLICATION FILED MAY 17, 1906.

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Long Mead

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UNITED STATES PATENT OFFICE.

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LAVATORY AND MEANS FOR SUPPORTING SAME.

No. 847,018.

Specification of Letters Patent.

Patented March 12, 1907.

Application filed May 17, 1906. Serial No. 317,406.

To all whom it may concern:

Be it known that I, JOHN MADDOCK, a citizen of the United States of America, and a resident of Trenton, county of Mercer, in the State of New Jersey, have invented certain new and useful Improvements in Lavatories and Means for Supporting Same, of which the following is a specification.

This invention relates to improvements in lavatories and means for supporting them from a wall without the employment of floor-supports.

Lavatories as composed of earthenware or other ceramic material molded to a desired form are necessarily bodies having considerable weight, and it is therefore usual to support them in position by means of uprights or other supports standing upwardly from the floor. Sometimes, however, it is desirable to dispense with floor-supports, as for the utilization of the floor-space beneath the lavatory or to avoid the effect or appearance thereof.

It is particularly desirable in the form of lavatory which comprises a part of this application that its supports should be obscured from view, whereby the effect is produced of a lavatory of suitable design jutting from a wall without any observable supporting means.

The particular form of lavatory which I have illustrated herein comprises a bowl having a short skirting inclosing a portion thereof at its front and sides and having an integral upstanding back extending from the edge of said bowl, said skirting and back being prevented from twisting or becoming misshapen in the firing process by being enlarged and for the sake of lightness rendered hollow.

Means are provided at the rear of the lavatory for seating the latter upon the horizontal flange of an angle-iron, whose vertical flange is to be secured to the wall against which the back of the lavatory is placed, while an adjustable bracket is secured to the wall below the lavatory, jutting outwardly at an upward inclination to form a base-support.

In the drawings accompanying this application, Figure 1 is a plan view of my improved lavatory. Fig. 2 is a section on the line 2 2 of Fig. 1, showing the supporting means. Fig. 3 is a detail of a modified form of base-support, and Fig. 4 is a partial detail

bottom view of a supporting enlargement at the rear of the lavatory.

In said figures the letter *a* indicates the bowl of a lavatory having a top plate *a'*, an enlarged hollow peripheral edge *a²*, a skirting *b*, having a hollow enlarged edge *b'* depending from said edge *a²* and extending about the front and sides of the bowl. Extending upwardly from the rear of the plate *a'* is an integral back *a³*, whose sides and top are provided with a hollow enlargement *a⁴*, forming their edge, said enlargement *a⁴* continuing from the enlargement *a²*.

At the rear of the lavatory is a hollow enlargement *a⁵*, running transversely thereof, the base of said enlargement having a number of keyhole-slots *a⁶*.

I provide an angle-iron, as *c*, to carry the lavatory, the horizontal flange of said angle-iron serving as a seat for enlargement *a⁵*, whose base rests thereon, while the upright flange of said angle-iron is secured, as by screws *c'*, to a wall *d*. Bolts, as *e*, entered within the slots *a⁶* serve to secure the lavatory upon the angle-iron. While the angle-iron aforesaid serves to support the lavatory in a vertical direction, it is obvious that the forward weight of the lavatory, if otherwise unsupported, would cause it to sag downwardly toward the wall. Therefore I provide a stay-bracket, as *f*, which extends at an upward inclination from its base-plate *f'*, the latter being adapted to be secured against the wall *d*. Said stay-bracket as placed below the lavatory, being secured to the wall, extends upwardly to meet the rear lower edge of the lavatory, which latter is provided with a socket, as *a⁷*, to receive the outer end of said stay-bracket. The stay-bracket is rendered adjustable in length in order that it may be made to exactly bridge the space between the lavatory and wall and to adequately reinforce the support afforded by the angle-iron. To this end I form the stay-bracket in two parts, one being threaded into the other and the outer part, as *f²*, by reason of its screw connection being axially movable. By this means, the bracket being secured to the wall, it may be extended outwardly into such close and pressure-like contact with the lavatory as may be deemed desirable.

In Fig. 3 I have shown a modified form of stay-bracket, the same consisting of a yoke *g*, adapted to straddle a waste or other pipe

which might be in the way of the centrally-disposed bracket *f*, the upper central portion of said yoke having a threaded aperture in which is placed a screw-rod *g'*, whose end is intended to impinge against the lavatory as a support therefor and may be provided with a rubber or other yielding cushion, as *g*². The bracket *g* has inclined base-plates *g*³ *g*³ to permit of its being secured to the wall *d*.

10 I claim—

1. A lavatory in integral form comprising a bowl and top plate with a hollow peripheral enlargement, a short skirting depending therefrom and extending about the front and sides of the bowl, the edge of said skirting having a hollow peripheral enlargement, a back extending upwardly from said top plate with a hollow, peripheral enlargement continuing from the enlargement about said top

plate, a rear, hollow enlargement to seat upon a wall-support, and a lower seat for an inclined stay-bracket.

2. A lavatory adapted to be supported from a wall, said lavatory having a rear seating portion, an angle-iron adapted to be secured to the wall and to support the lavatory by its rear seating portion, and an inclined extensible stay-bracket adapted to be secured to the wall below said angle-iron, and to have an additional support for said lavatory by impinging against the latter at a point below said seating portion.

Signed at New York city this 16th day of May, 1906.

JOHN MADDOCK.

Witnesses:

NAT B. CHADSEY,
F. W. BARKER.