

D. WELLINGTON.
Lavatory Apparatus.

No. 199,765.

Patented Jan. 29, 1878.

Fig. 1.

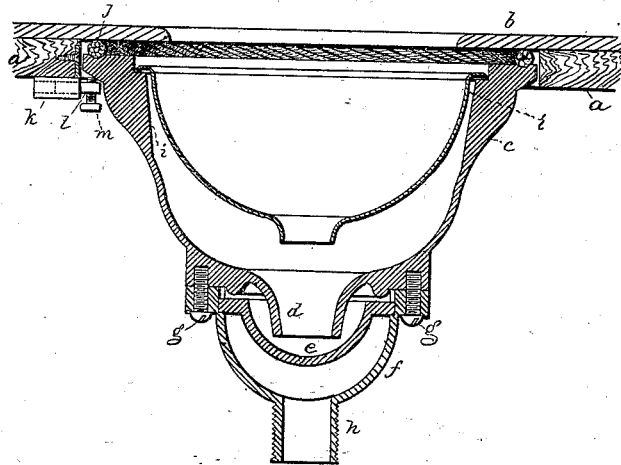
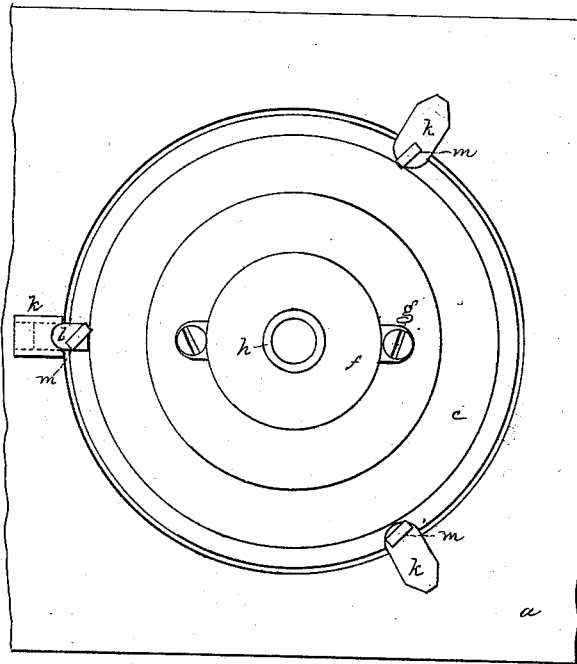


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

DARIUS WELLINGTON, OF BOSTON, ASSIGNOR TO EDWIN C. ALDRICH, OF HYDE PARK, MASSACHUSETTS.

IMPROVEMENT IN LAVATORY APPARATUS.

Specification forming part of Letters Patent No. 199,765, dated January 29, 1878; application filed April 9, 1877.

To all whom it may concern:

Be it known that I, DARIUS WELLINGTON, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improvement in Lavatory Apparatus, of which the following is a specification:

This invention relates to lavatory apparatus, and is an improvement on United States Patent No. 102,737, heretofore granted to me. In that patent the metallic bowl-holding shell had a flange adapted to rest on the surrounding wood-work, and between it and the marble slab, and in case a bowl was broken a new one could not be substituted without removing the marble slab or top of the stand or case.

In my present plan the metallic shell is so supported with reference to the slab and case that it may be removed from beneath the slab without disturbing it whenever a bowl has to be changed.

In that patent the trap could be removed and cleaned only after the interior bowl was lifted; but in the present plan the trap-receiving portion is made removable from the metallic shell. The shell is also provided with a packing at top to rest against the under side of the slab, and the interior of the shell is provided with lugs to support a rimmed bowl.

Figure 1 represents my improved lavatory apparatus in vertical section, an outer case or stand being omitted; and Fig. 2, a bottom view thereof.

The part *a* represents the wooden top of any usual stand or case, to inclose or contain the apparatus and sustain the marble slab *b*. The bowl-holding shell *c*, preferably made of cast-iron, has a discharge-orifice, *d*, opening into the cup *e*, forming part of the trap, and supported on ledges within the cap *f*, removably attached, by screws *g*, to the metallic shell, and provided at its lower end with a screw-threaded prolongation, *h*, to receive the union connected with the lead or other usual waste-pipe.

If the trap part becomes clogged, it may be cleaned by removing the screws *g g* without disturbing the shell or bowl.

The bowl is provided with a rim to rest upon lugs *i*, (two or more,) cast or otherwise formed to project inwardly from the interior of the bowl, leaving a free space between its edge and the shell at all other portions, for the passage of overflow-water of the bowl into the shell.

The upper rim or portion of the shell is grooved, or otherwise prepared to receive a packing, *j*, of fibrous material, rubber, or other usual packing substance. This packing is pressed, by the shell, closely against the under side of the slab, and effectually prevents the passage of water between the shell and slab.

Attached to the under side of the wood-work, but it may be to the slab, are holders *k*, preferably three. One or more of these holders is provided with a horizontally-adjustable bar, *l*, which may be retracted to enlarge the space between opposite holders when a shell is to be removed or inserted. These holders are provided with adjusting-screws *m*, that bear against the rim of the shell, and hold it up in position against the under side of the slab. By loosening the screws, and withdrawing the portion *l*, and disconnecting the usual union from *h*, the shell may be removed or lowered away from the slab, to permit the bowl to be changed.

Bowls are frequently broken, and to replace them under the old plan requires considerable time and trouble. With this my plan any person may readily and quickly replace a bowl.

The shape of the holding devices and of the trap may be changed or modified without departing from my invention. The packing also prevents the metal shell from staining the marble with iron rust.

I claim—

1. The slab and its support and a bowl-holding shell, in combination with holders to sustain the shell, and permit its application to, and its removal from, below the slab without disturbing the slab, substantially as described.

2. The combination, with the metallic shell,

of a packing applied to the shell, and adapted to fit the under side of the slab, substantially as and for the purposes set forth.

3. The metallic shell, in combination with the removable cap, to permit access to the cup or trap without disturbing the shell or slab, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DARIUS WELLINGTON.

Witnesses:

G. W. GREGORY,
S. B. KIDDER.