

J. STEVENSON.
Setting Basins

No. 161,291.

Patented March 23, 1875.

Fig: 1.

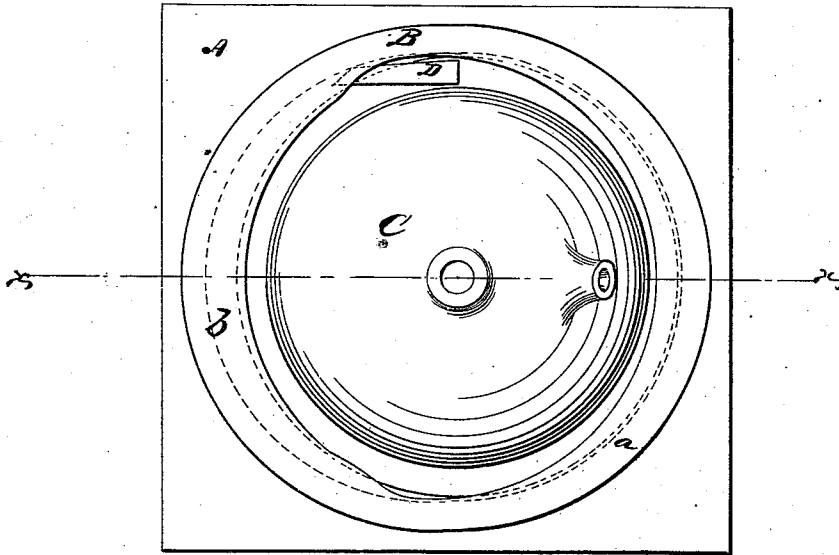
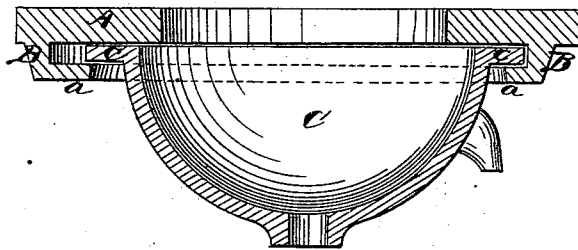


Fig: 2.



Witnesses:

H. B. Mattenbey
Charles H. H. H.

Inventor:

John Stevenson
per [Signature]
attf.

UNITED STATES PATENT OFFICE.

JOHN STEVENSON, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN SETTING BASINS.

Specification forming part of Letters Patent No. **161,291**, dated March 23, 1875; application filed October 20, 1874.

To all whom it may concern:

Be it known that I, JOHN STEVENSON, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Setting Basins; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification:

This invention is in the nature of an improvement in setting basins; and the invention consists in a flanged annulus secured to a slab or other fixture, constructed in such manner that the flange on one part of the annulus shall be wider than the flange surrounding the other portion thereof, to which the basin is secured, substantially in the manner described.

In setting wash-basins and other like vessels heretofore, it has been necessary to hold them in place by screwing the retaining-flange around the flange of the basin, so that in case the basin should become broken the flange had to be unscrewed and the basin removed and the new basin replaced, and the flange again screwed in position. By my invention, however, this is fully obviated; besides, the facility of fitting the basin is increased, and in case of leakage between the flange of the basin and the supporting-slab the basin may be readily tightened in its position, so as to stop the leakage without removing it from its position.

In the accompanying sheet of drawings, Figure 1 is a plan or top view of the under side of my invention, and Fig. 2 a cross-section of same taken in the line *x x*.

Similar letters of reference indicate like parts in the two figures.

A represents the supporting-slab or fixture of the wash-basin or other similar vessel. To the under side of the slab A is secured by plaster, screws, or in any desirable manner, an annulus, B. This annulus may be made of plaster, cement, metal, or otherwise, and its lower edge is surrounded by a flange, *a*, which projects inward, leaving a space between said flange and the under surface of the

slab. A portion of this flange, *a*, surrounding the annulus as at *b*, is wider, or made to project more than the other part of the flange.

To affix a basin C to the flange and slab above described, the flange *c* of the basin C is inserted beneath the widest part, *b*, of the flange *a*, when the entire flange surrounding the basin will readily go within the annulus B, and the basin then being moved back from beneath the broader part of the flange *a*, the flange of the basin will be inserted beneath the entire flange *a*, surrounding the annulus B. One or more wedges, D, then being inserted between the flange of the basin and the widest part, *b*, of the flange *a*, the basin will be retained in its fixed position to the annulus and to the slab.

To remove the basin for any cause, it is simply necessary to withdraw the wedge or wedges D, slide the flange of the basin beneath the widest part *b* of the flange *a*, which will cause the flange of the basin to readily slip from beneath the entire flange surrounding the annulus.

In setting the basin within the flange and in the manner above described, it will be found advantageous to place a packing of rubber or other similar material between the upper flange *c* of the basin and the under surface of the slab A. By this means the basin is packed tightly, so that water cannot percolate between the basin and the slab.

If, from long usage or otherwise, it is found that the packing is not sufficiently tight, the difficulty may be remedied by simply driving in the wedges D, which will bring the flanges in closer contact with the packing.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A basin-slab constructed with a flanged annulus, a portion of said flange being wider than the remaining portion of the same, whereby the basin is affixed to the slab, substantially in the manner described.

JOHN STEVENSON.

Witnesses:

G. M. PLYMPTON,

H. L. WATTENBERG.