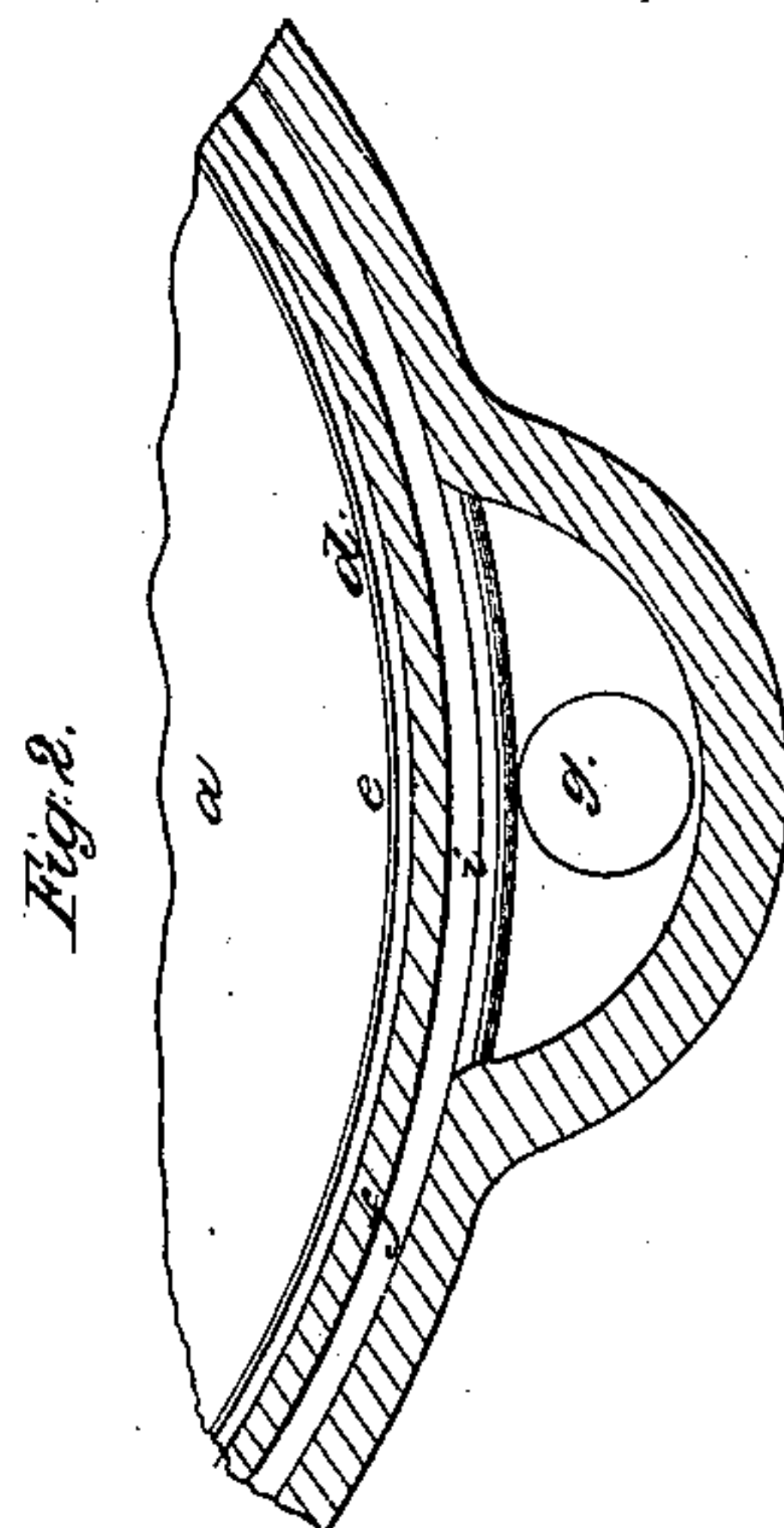
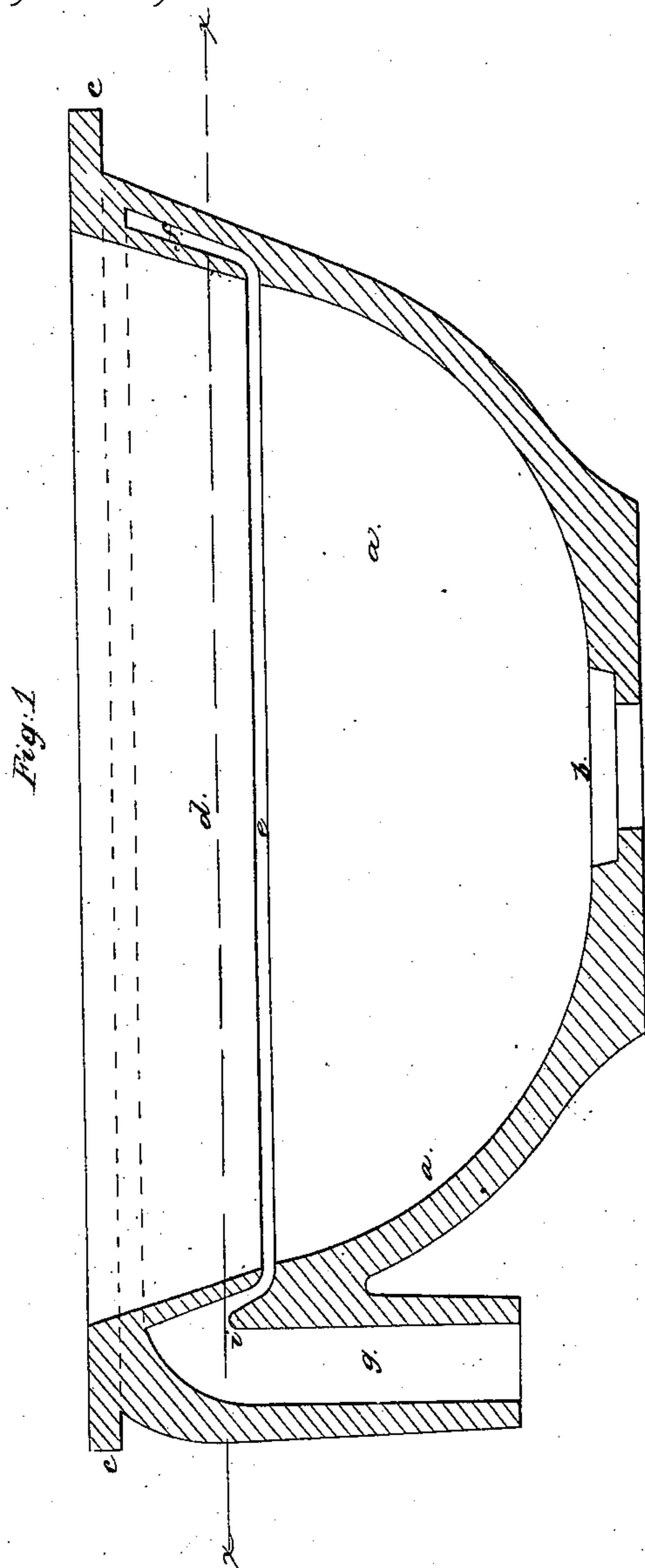


A. Ivers,
Wash Basin,
No 64,982, *Patented May 21, 1867.*



Witnesses:
Chas. B. Smith.
Geo. W. Walker.

Inventor:
Alfred Ivers.

United States Patent Office.

ALFRED IVERS, OF NEW YORK, N. Y.

Letters Patent No. 64,982, dated May 21, 1867.

IMPROVEMENT IN STATIONARY WASH-BASINS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ALFRED IVERS, of the city and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Stationary Wash-Basins; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1 is a vertical section of the said basin; and

Figure 2 is a sectional plan at line *x x* of fig. 1 at one side of the basin where the overflow pipe connects with said basin.

Similar marks of reference denote the same parts.

Basins have heretofore been made in which a cluster of holes at one side has opened into an overflow pipe, but in practice it is often found that these become partially stopped, and are inadequate for venting the water that may run into the basin when the faucet is left open through accident or carelessness. Efforts have been made to remedy this difficulty by the introduction of a range of holes opening into a water-way around the basin. The object of my invention is to form a combined overflow and trap that is sufficiently large for allowing the water to vent itself and not overflow the basin, and at the same time the water in the basin closes the escape-orifice so as to exclude smell. It is found that the pipe passing to the overflow frequently allows an unpleasant odor to enter the apartment in consequence of a defect in the bend or trap, or from the water being drawn out of it by the siphon action. My invention prevents this difficulty by causing the water in the basin to close the opening into said pipe, and preventing disagreeable odors passing out of the same; and my improvement also allows for the opening from the basin to the overflow being cleaned much more easily than the holes heretofore employed.

My invention consists in a basin formed with a pendent flange on the line of the interior of the basin, and with a slot between its lower end and the basin itself, which at this point is formed with an offset, producing a water-way between the said pendent flange and the exterior of the basin, which communicates with an overflow pipe at one side of the basin, the entrance to which is higher than the said slot, so that the water will rise in said basin and immerse the slot before it flows away by the overflow.

In the drawing, *a* represents the basin, with the opening *b* at the bottom for receiving the usual waste pipe and plug. *c* is the flange around the upper end of the basin, by which it is sustained beneath a slab, as usual. *d* is the pendent flange formed with the basin, having its interior surface corresponding to the contour of the interior of the basin. *e* is the slot between the lower edge of the flange *d* and the basin, said basin at this point being formed with an offset, so that the water-way *f* is left between the flange and basin; and *g* is the overflow pipe attached at one side of the basin, and of a capacity to vent the water that may at any time be allowed to continue running into the basin. *i* is a dam or ledge at the entrance to the overflow pipe *g*, to cause the water in the basin to rise higher than the slot *e* before it runs away by said pipe *g*, so that the flange *d* acts to trap any offensive smell that might otherwise pass out from the overflow pipe.

What I claim, and desire to secure by Letters Patent is—

The pendent flange *d* and slot *e*, in combination with the dam *i* and pipe *g*, substantially as and for the purposes specified.

In witness whereof I have hereunto set my signature this twenty-second day of December, A. D 1866.

ALFRED IVERS.

Witnesses:

CHAS. H. SMITH,
GEO. D. WALKER.