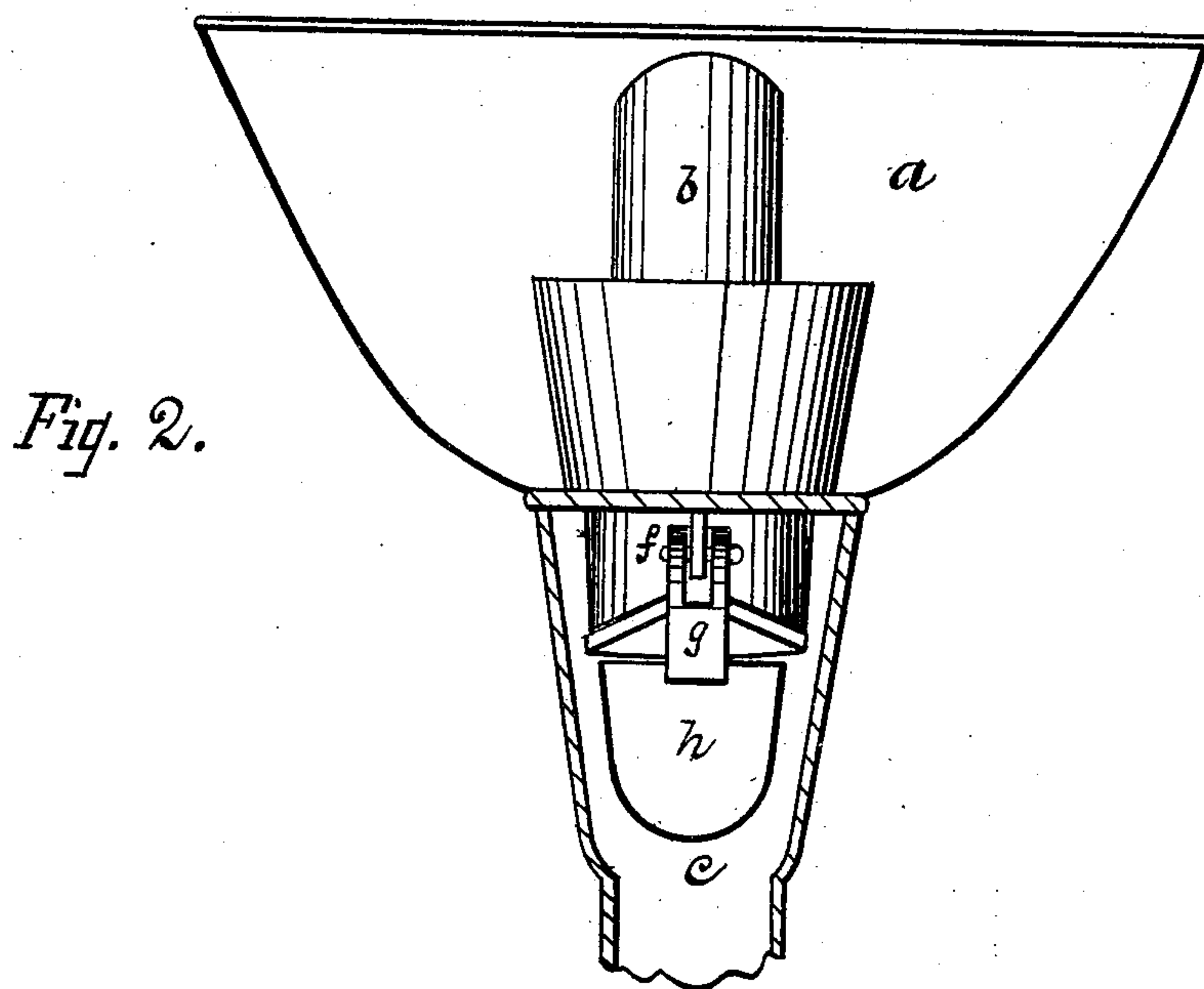
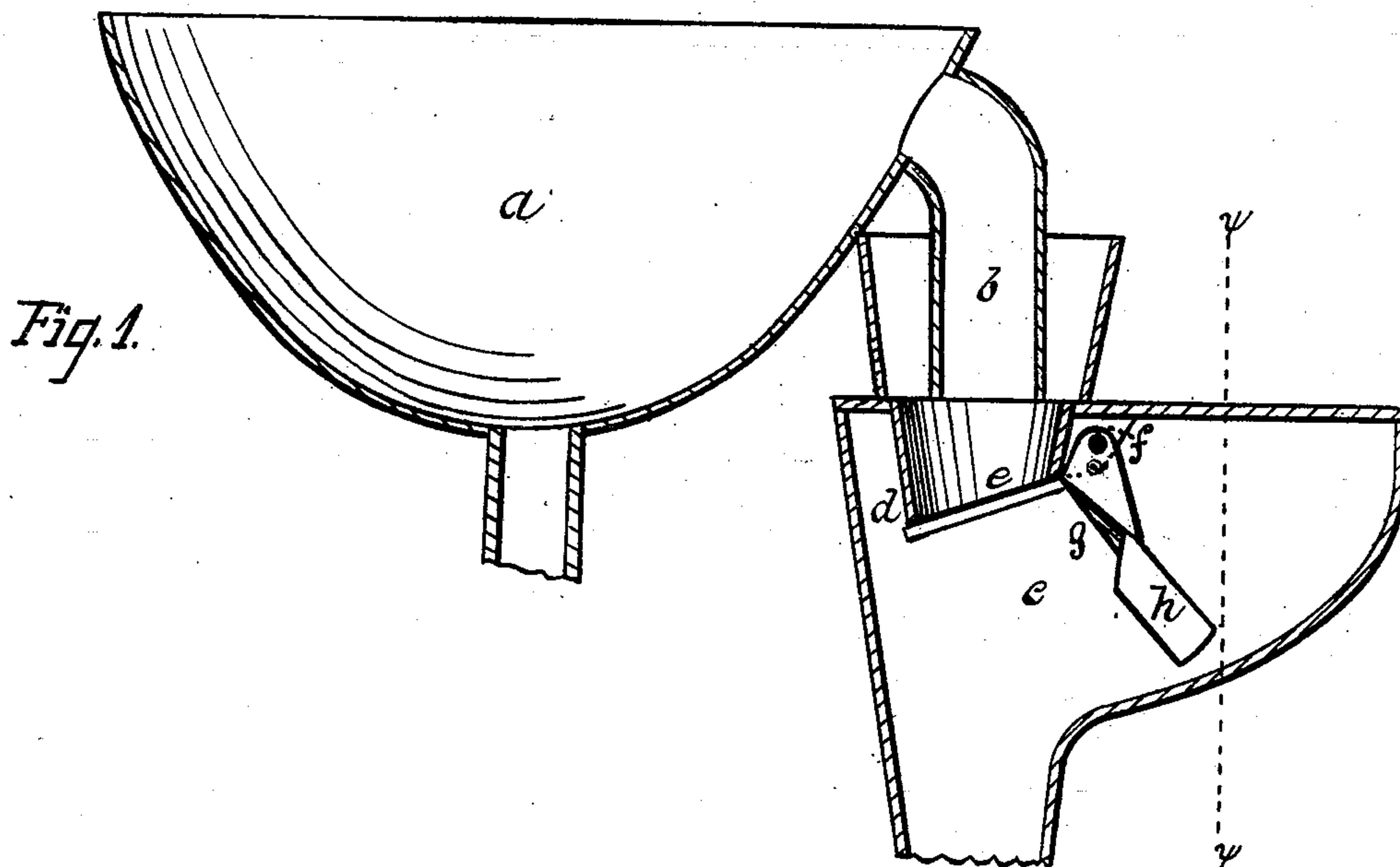


W. A. PITT.
Overflow Valve.

No. 199,101.

Patented Jan. 8, 1878.



Witnesses:
H. Kewell.
James H. Hunter.

Inventor:
William A. Pitt

UNITED STATES PATENT OFFICE.

WILLIAM A. PITT, OF NEW YORK, N. Y.

IMPROVEMENT IN OVERFLOW-VALVES.

Specification forming part of Letters Patent No. **199,101**, dated January 8, 1878; application filed August 2, 1877.

To all whom it may concern:

Be it known that I, WILLIAM A. PITT, of New York, in the county and State of New York, have invented a new and useful Improvement in Overflow-Valves, which improvement is fully set forth in the following specification and accompanying drawings.

My invention relates to an improvement in the overflow of water-basins and other similar vessels or reservoirs.

Figure 1 in the drawings is a vertical central section of a water-basin overflow-pipe containing my improvement; and Fig. 2 is a vertical cross-section of the overflow-pipe, taken in the line *xx* of Fig. 1, showing the valve and valve-chamber partly in perspective.

a is the water-basin. *b* is the overflow-pipe, connected with the water-basin above its ordinary or required water-level. *c* is the valve-chamber. *d* is the valve-seat.

In the present instance the valve is represented as located at *e*, and is hinged to the rear of its seat at *f*, so as to open downward. At the rear of the valve is an arm, *g*, which inclines down in the valve-chamber at a right angle, or nearly so, from the plane of the valve-

seat, and has attached to its rear end a weight, *h*. This construction permits of the valve remaining on its seat until the force of water from the basin, while the overflow is in operation, opens and retains it in an open position during the operation of such overflow.

The nearer the valve is placed to the orifice, or placed where the overflow-pipe joins the basin, the less overflow-pipe surface will be exposed to the atmosphere of the room in which the basin is placed. The escape of sewer-gas into the room from this overflow-pipe is also thus prevented.

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

The combination, with the overflow-pipe of the water-basin or other similar vessel constructed with the valve-chamber, of a valve hinged to its seat and weighted at its rear end, so that the valve remains on its seat except while the overflow water retains it in an open position, substantially as described.

WILLIAM A. PITT.

Witnesses:

K. NEWELL,
JAMES H. HUNTER.