

W. HUMPHREY.
Wash-Stands for Factories, &c.

No. 206,454.

Patented July 30, 1878.

Fig. 1.

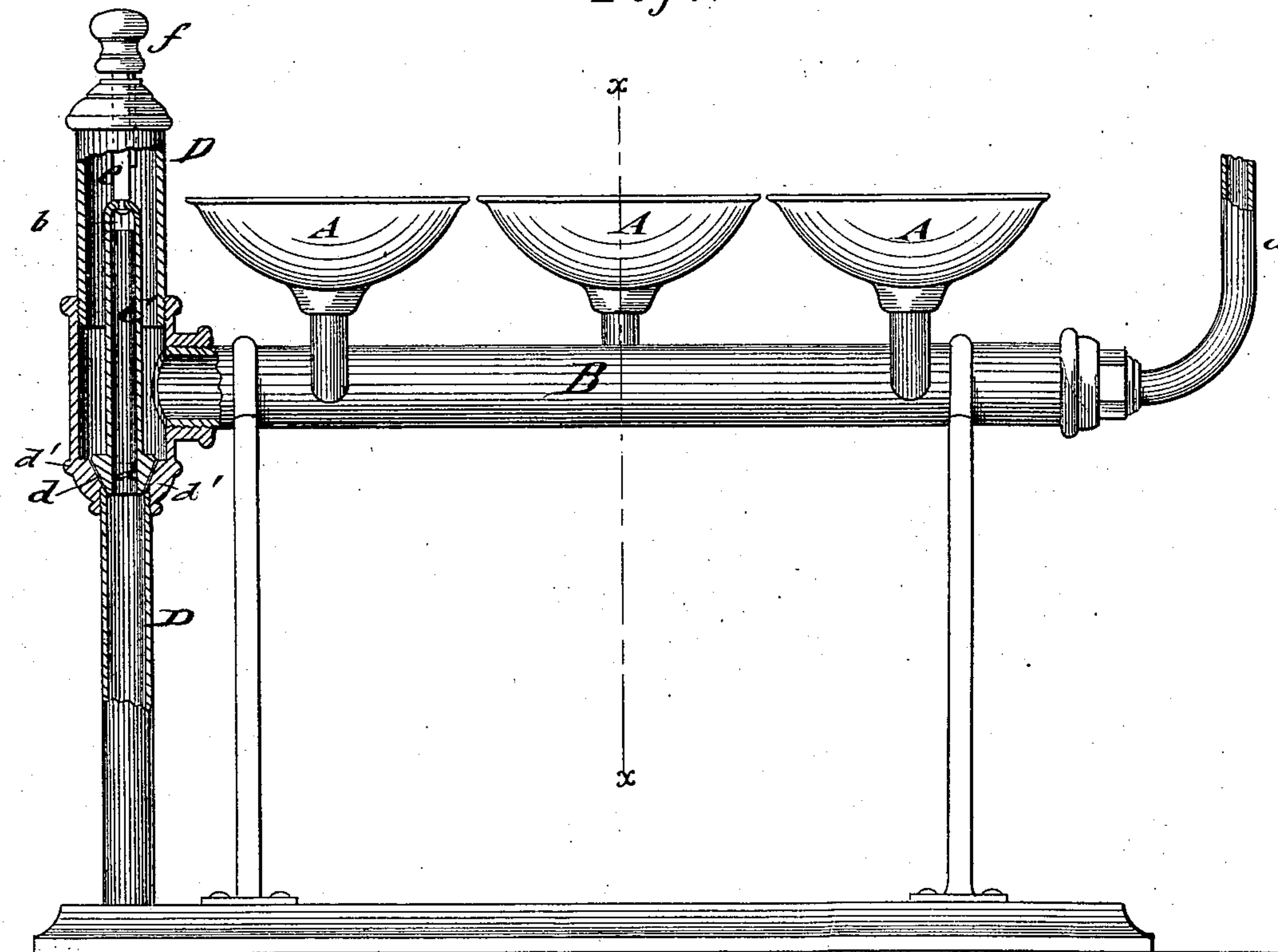
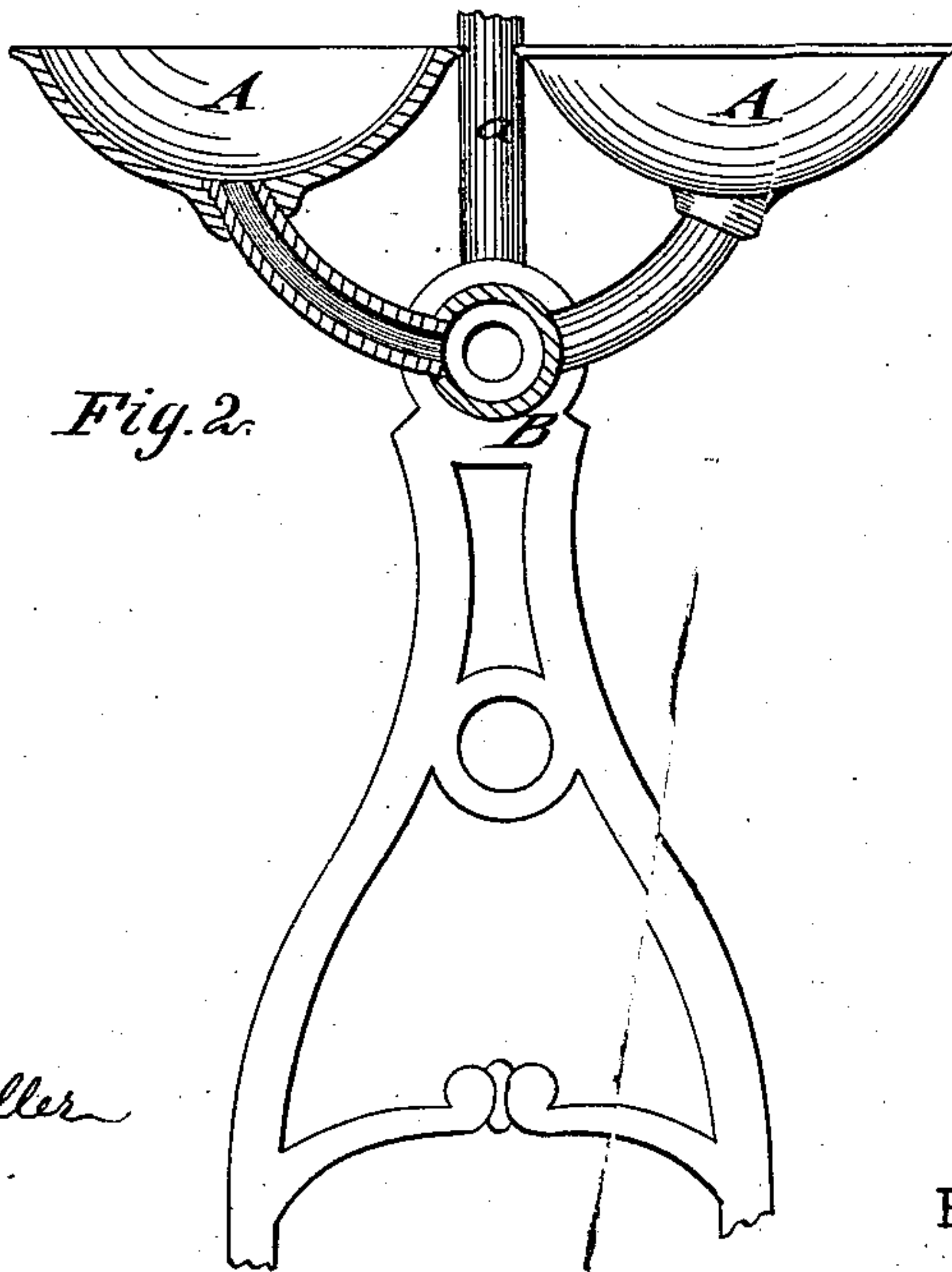


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM HUMPHREY, OF JACKSON, MICHIGAN.

IMPROVEMENT IN WASH-STANDS FOR FACTORIES, &c.

Specification forming part of Letters Patent No. **206,454**, dated July 30, 1878; application filed July 10, 1878.

To all whom it may concern:

Be it known that I, WILLIAM HUMPHREY, of Jackson, in the county of Jackson and State of Michigan, have invented a new and Improved Wash-Stand for Factories, &c., of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation of my improved wash-stand for factories, prisons, &c.; and Fig. 2 is a vertical transverse section of the same on line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

This invention relates to an improved wash-stand or lavatory for factories, prisons, &c., by which a large number of wash-basins are conveniently arranged for use and all filled and discharged at the same time, so that a large number of persons can wash themselves at the same time, the lavatory requiring but little work for supplying the basins or drawing off the water.

The invention consists of a number of wash-basins that are supplied by a common feed-pipe, in connection with an overflow-pipe and discharge valve and pipe.

Referring to the drawing, A A represent wash-basins of suitable size and material, that are supported by connecting-pipes either in one row, vertically above a common horizontal main pipe, B, or in two rows, one at each side of the feed-pipe. When the main pipe B is filled by turning on the cock of the supply-pipe *a* at one end of the main pipe, the basins are all filled at the same time up to a level with the discharge-orifice *b* of an overflow-pipe, C, that is arranged in a hollow vertical discharge-tube, D, which is connected with the opposite end of the main pipe B. The

overflow-orifice is at the upper end of the pipe C, the lower end being provided with a valve, *d*, that fits on an interior seat, *d'*, of the vertical tube D.

The overflow-pipe forms the stem of the valve *d*, and is connected by a rod, *e*, with a handle or knob, *f*, by which the valve may be lifted out of its seat, and thereby the discharge-pipe opened. During the use of the basins the water is discharged through the overflow, and, when the discharge-valve is opened, drawn off at the same time from all the basins.

In place of the filling and emptying arrangement any other valve and overflow mechanism may be used, as the essential feature of my invention consists in the disposition of the basins on a main pipe, which serves both for the filling and discharging of the basins in connection with an overflow and discharge valve.

The double row of basins may be used to better advantage in shops and factories, while a single row of basins along the wall is better adapted for prison-cells and prison-cell houses.

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

A wash-stand for factories, prisons, &c., consisting of a number of wash-basins supported on a horizontal main pipe, in connection with a water-supply pipe, overflow, and valved discharge-pipe, substantially as set forth.

WILLIAM HUMPHREY.

Witnesses:

ROBT. D. S. DIGGES,
JAMES S. COVEL.