

H. H. Craigie,

Wash-Basin,

No. 62,734,

Patented Mar. 12, 1867.

Fig. 1.

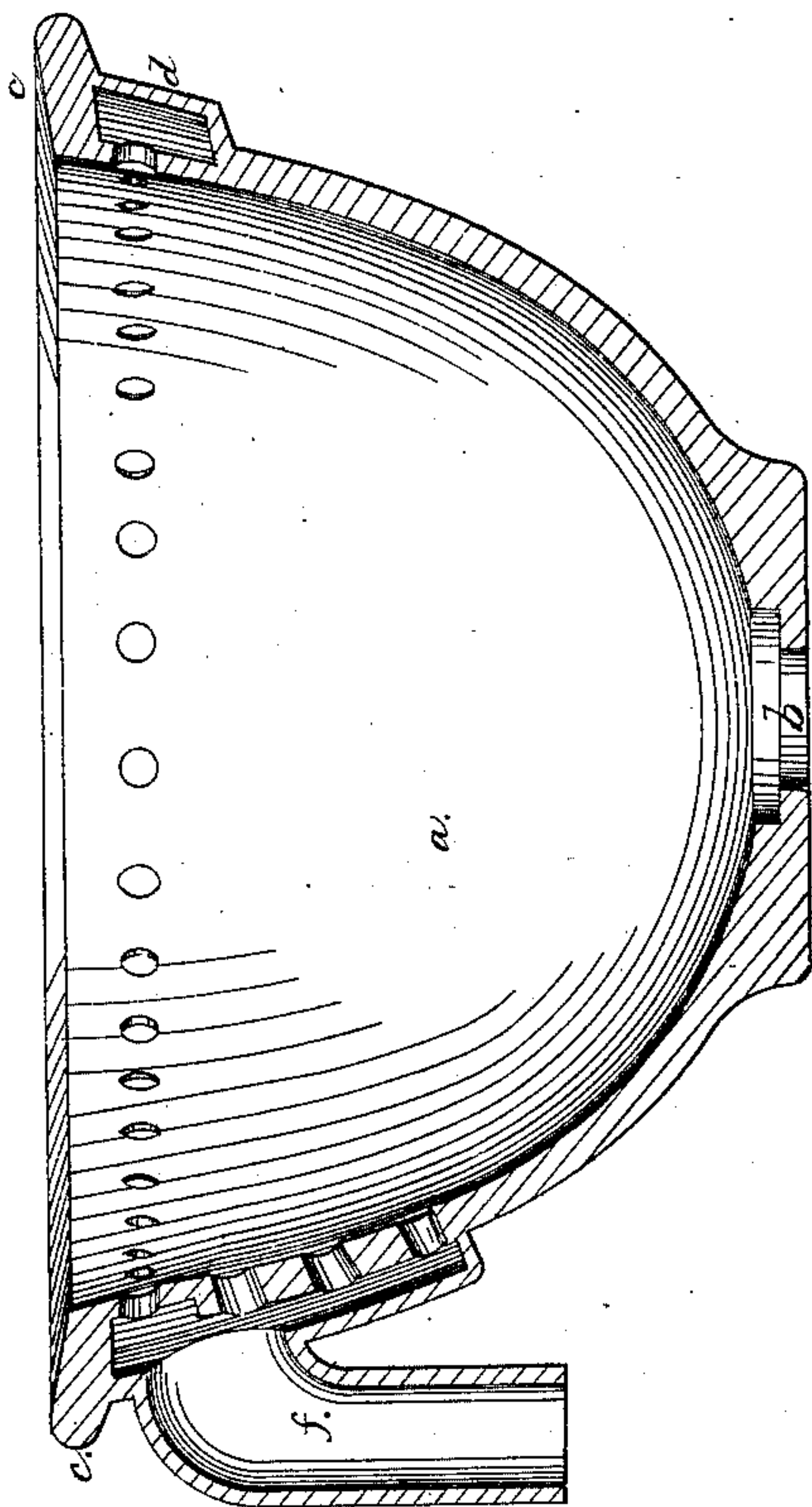
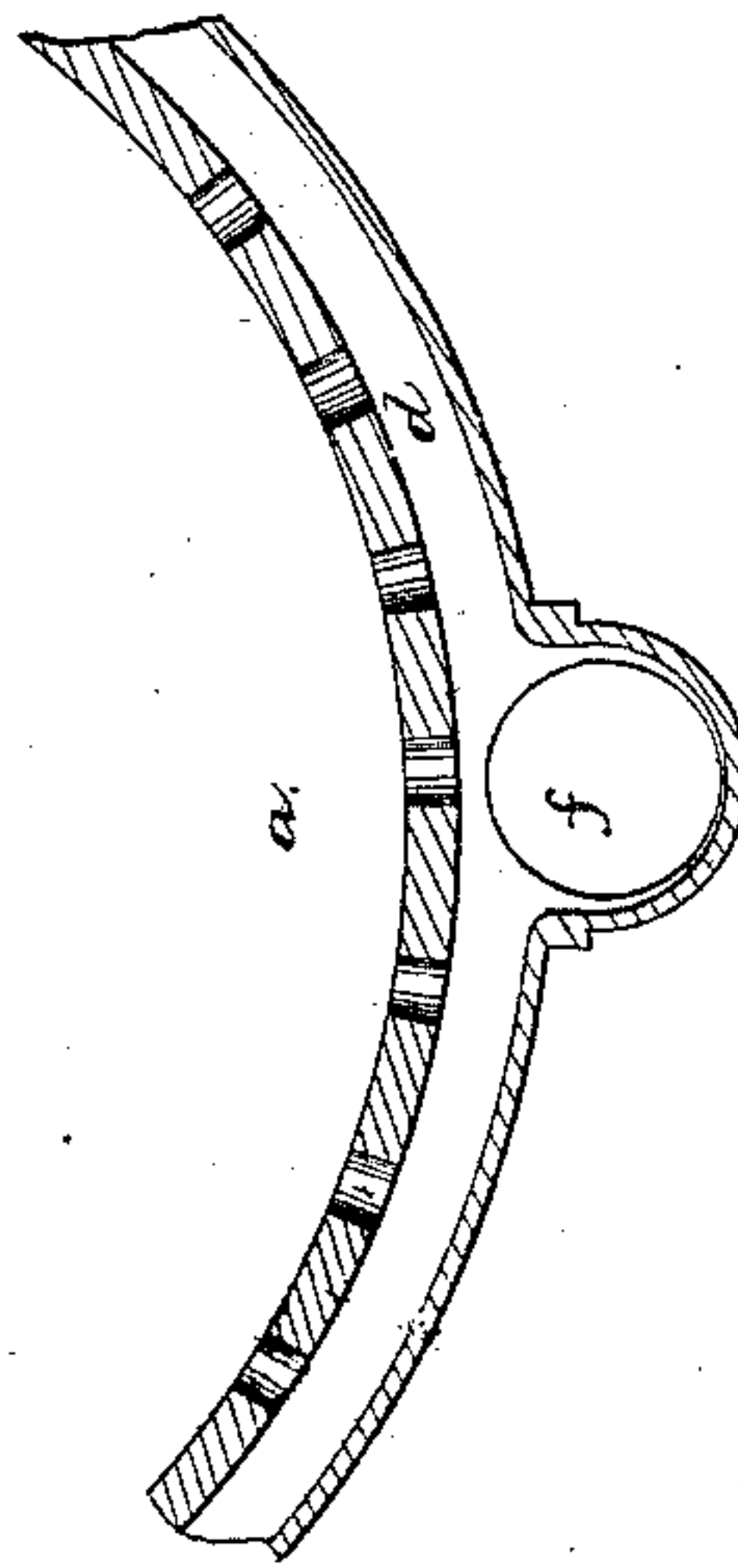


Fig. 2.



Witnesses:

Chas. H. Smith
Geo. D. Walter

Inventor:

Hugh H. Craigie

United States Patent Office.

HUGH H. CRAIGIE, OF NEW YORK, N. Y.

Letters Patent No. 62,734, dated March 12, 1867.

IMPROVEMENT IN 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, HUGH H. CRAIGIE, of the city and State of New York, have invented, made, and applied to use a certain new and useful improvement in 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 my improved basin through the horn or overflow pipe; and

Figure 2 is a sectional plan at one side of the basin.

Similar letters denote the same parts.

Urinals have heretofore been made with a circular or triangular tube running around the inside near the upper edge, and from this holes pass downwards into the basin, so that water supplied into such pipe might wash off the interior surface of the basin. This mode of construction was not adapted to wash basins, because the said surrounding tube contracted the basin and destroyed its interior conformation; besides this the said tube, and the small openings therefrom into the basin, were not adapted to the purposes of an overflow for carrying off the surplus water in case the faucet was left running. Overflow pipes have also been provided in other characters of basins, but they have been only on one side of the basin, opening into the same by a cluster of holes. The nature of my said invention consists in a basin formed with a flattened horizontal water-way around its outer and upper edge, opening into the basin through the sides thereof, so that the general configuration of the interior of the basin is preserved, and an overflow water-way is obtained that is of ample capacity for carrying away any surplus water that may run into the basin. The pipe or horn in my basin that conveys the overflow from said water-way is not made upon the outside of the basin itself, as heretofore, but it is formed upon the outside of the aforesaid flattened water-way.

In the drawing, *a* represents the basin proper, formed of the usual or desired curved or hemispherical interior shape; *b* is the opening for receiving the socket and pipe, at the bottom of the basin, for allowing the escape of the water by the withdrawal of a plug, as usual, and *c* is the flange surrounding the upper portion of the basin, and sustaining the same. Beneath the flange *c*, and outside the general interior contour of the basin *a*, I form the flattened horizontal water-way *d*, in the china or other material of which the basin is composed. This water-way *d* is flattened in order that the width of the flange *c* and upper edge of the basin may not be unnecessarily increased, and at the same time a sufficient capacity in the water-way may be obtained. From the water-way *d* there are openings, sufficient in size or capacity to conduct away any surplus water that may be allowed to run into the basin. I have shown a row of holes, but the openings may be formed as desired. The horn or overflow pipe *f* is formed upon the outside of the water-way *d*, and is of suitable capacity adapted to take away all overflow water from the basin to a pipe leading to a drain or sewer. This construction of basin is different from all others heretofore made, in the particulars enumerated; and, while the general interior appearance of the basin is preserved, increases the capacity of the overflow sufficiently to prevent accidents that often happen from faucets being left open after the basin has filled to the maximum height.

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

A stationary wash-basin, with a horizontal flattened water-way around the upper portion of said basin and outside of the general curvature of the interior of the basin, said water-way opening into the basin through the sides thereof, so as to take away the surplus or overflow water from the basin, as specified.

I also claim forming the descending horn or overflow pipe upon the outer side of said horizontal water-way and opening into the same, as specified.

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

HUGH H. CRAIGIE.

Witnesses:

GEO. D. WALKER,

CHAS. H. SMITH.