

C. Gies,

Wash-Stand,

Nº 19,694.

Patented Mar. 23, 1858.

Fig. 1.

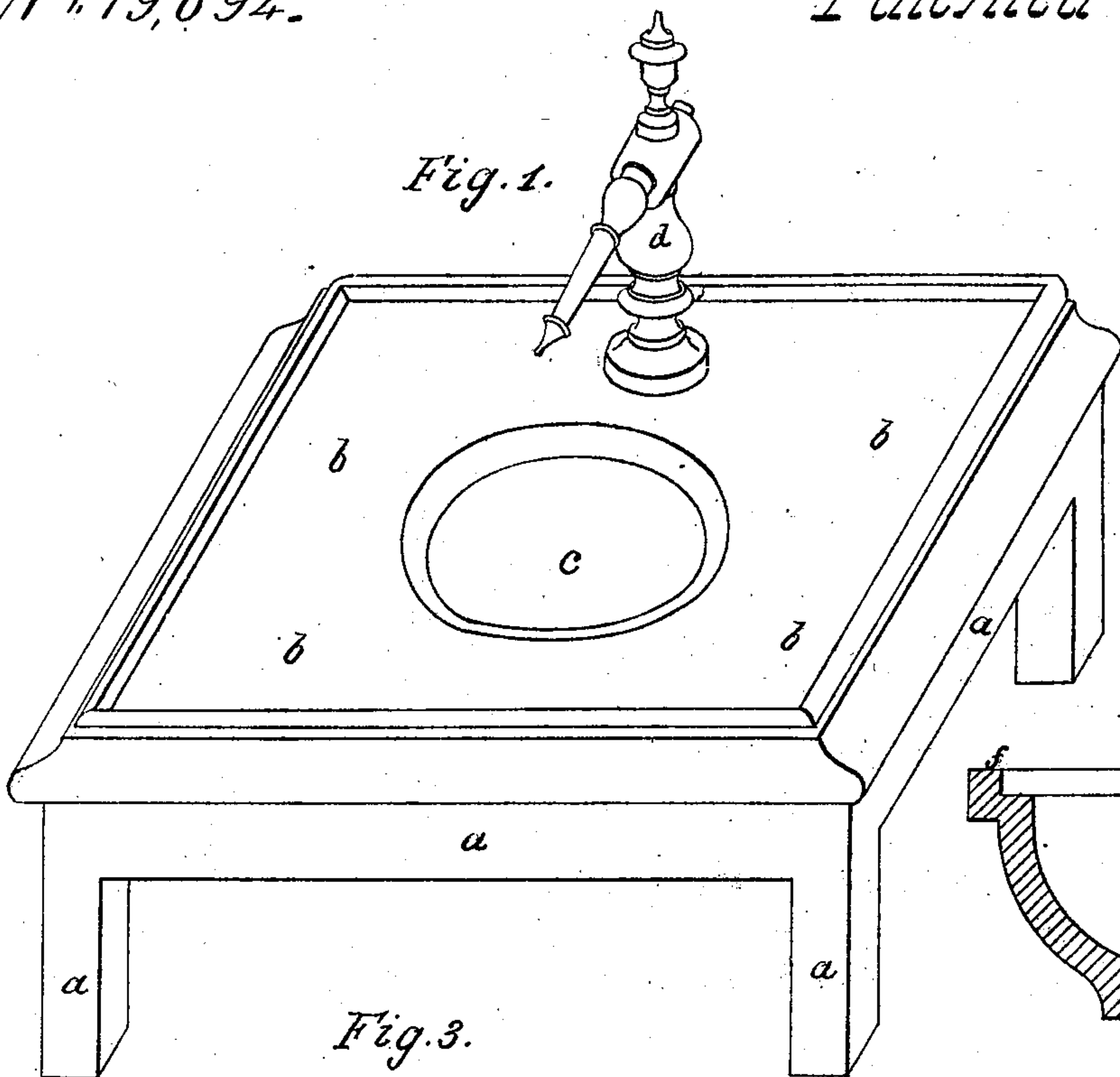


Fig. 2.

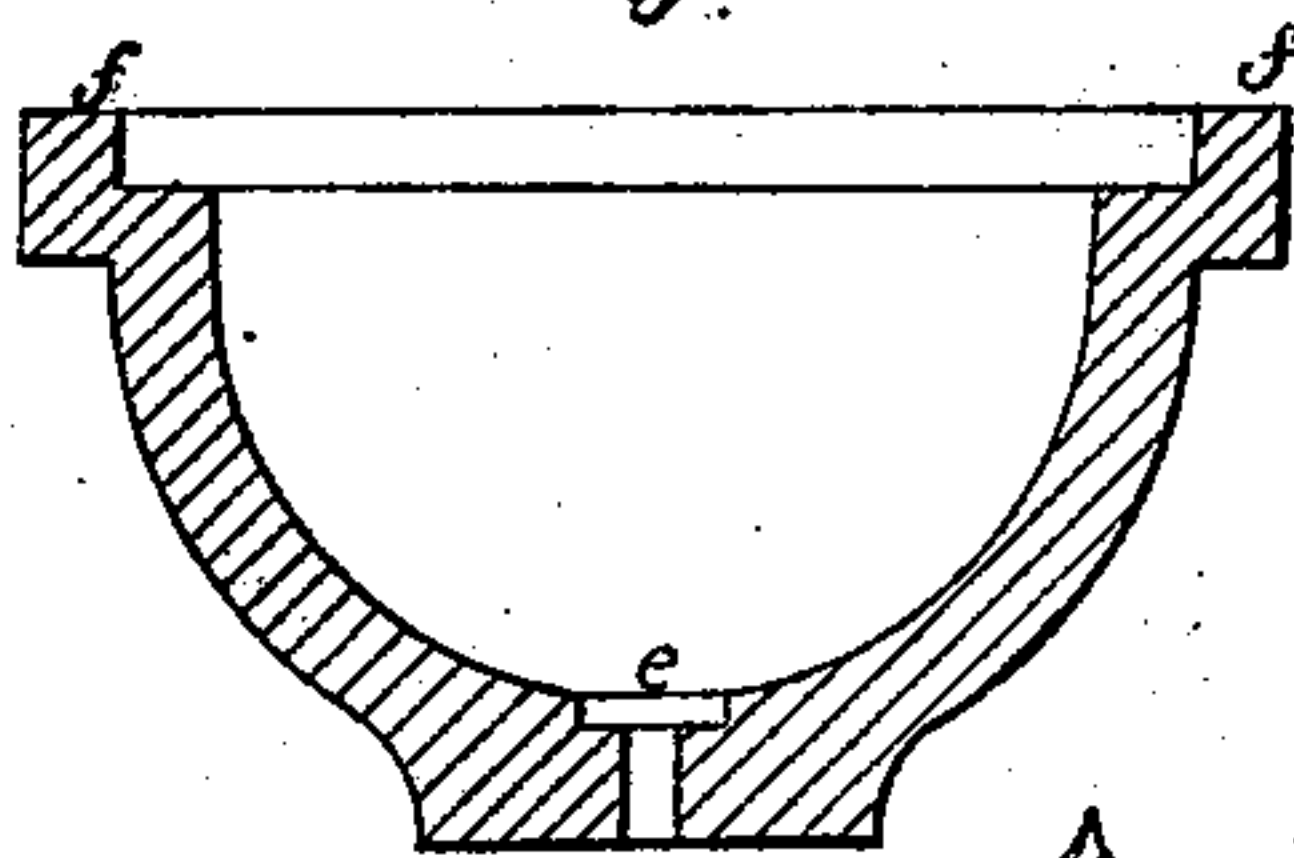


Fig. 3.

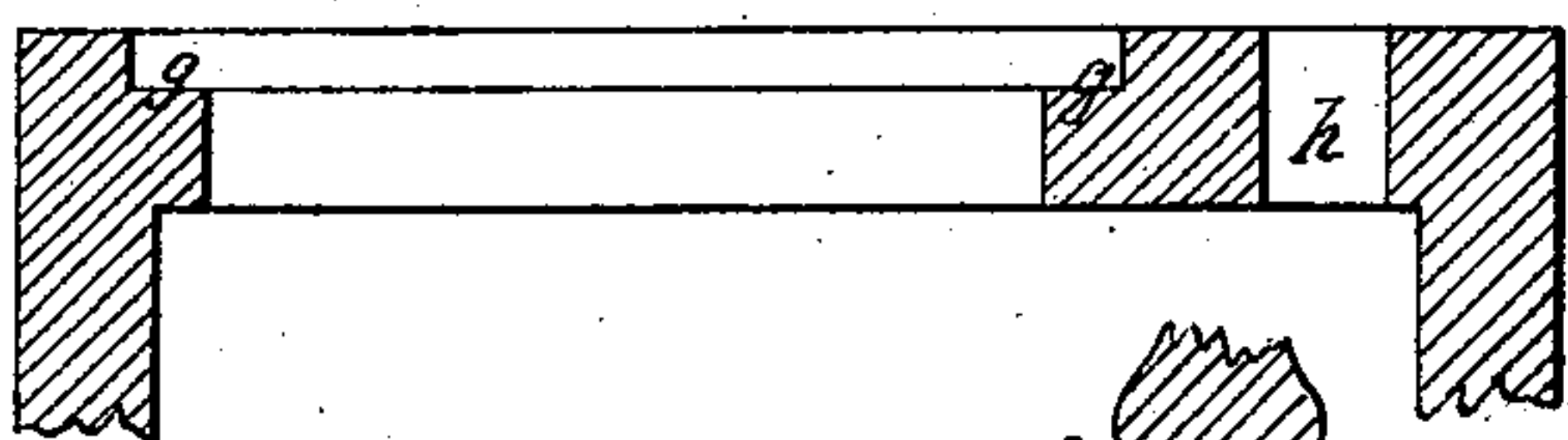


Fig. 5.

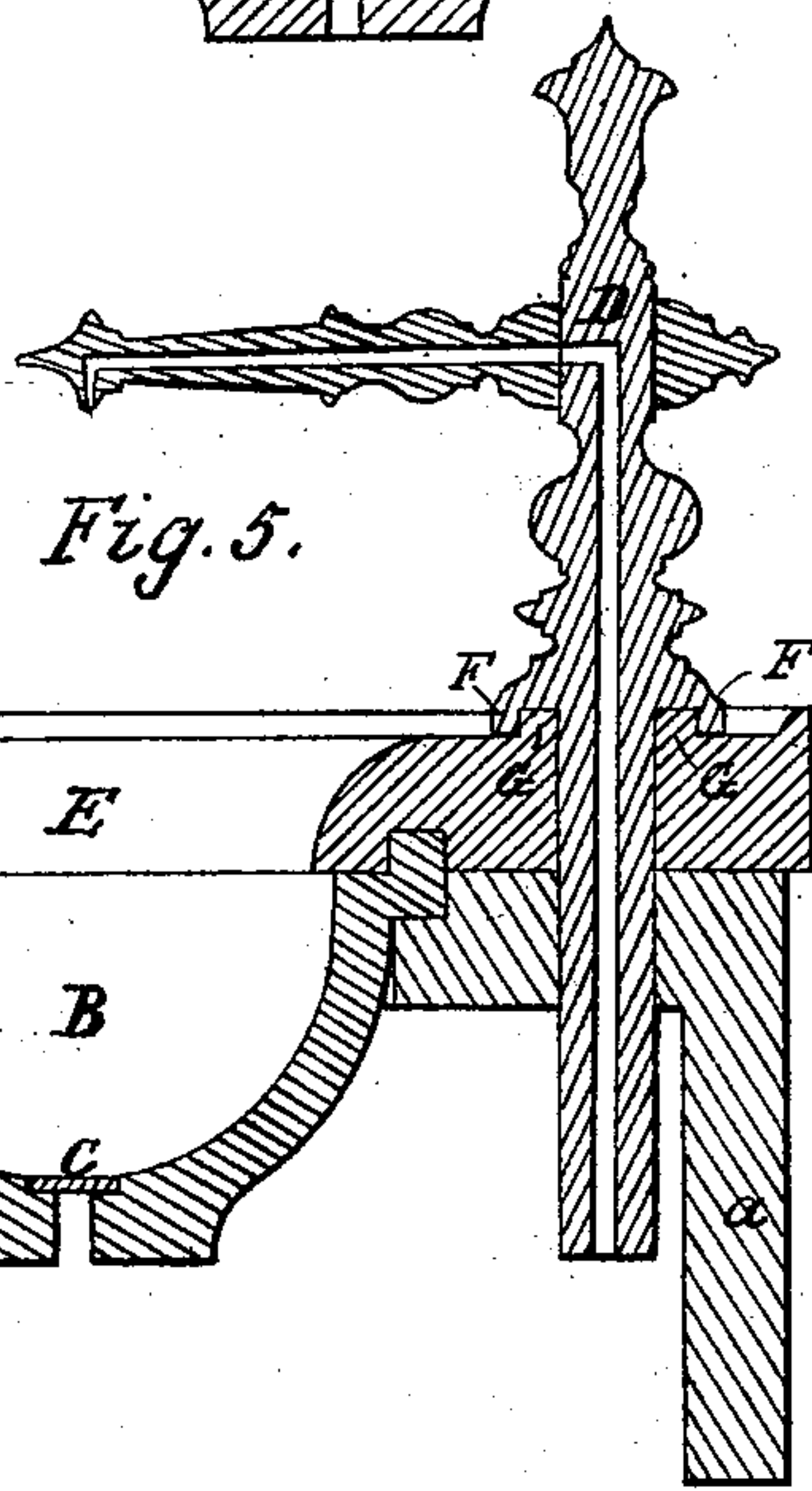
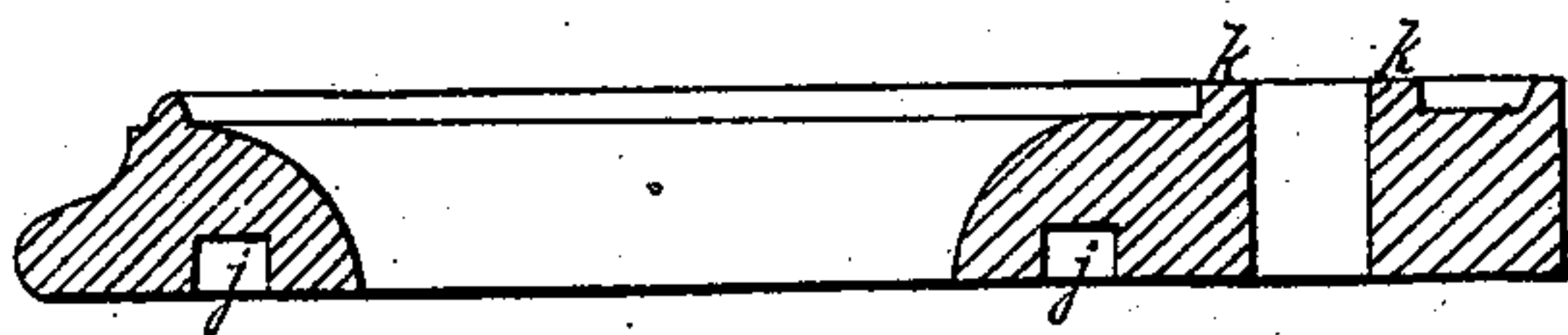


Fig. 4.



Witnesses

A. Liden, Draper

Joseph Drunger

Inventor

Christian Gies

UNITED STATES PATENT OFFICE.

C. GIES, OF NEW YORK, N. Y.

WATER-TIGHT WASHSTAND.

Specification of Letters Patent No. 19,694, dated March 23, 1858.

To all whom it may concern:

Be it known that I, CHRISTIAN GIES, of New York, in the county of New York and State of New York, have invented a new and Improved Water-Tight Washing Hand-Stand; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists in rendering a washing hand stand perfectly water-tight, by the use of the flange projecting from the edge of the basin (*f, f*, Figure 2), the countersunk marble slab (*E*, Fig. 5) to fit over the said projecting flange, thus rendering it impossible for any water that may drip upon the surface of the marble slab to leak through, as it (the water) necessarily must flow into the basin—and the raised projection on the surface of the marble slab (*G* Fig. 5) over which, the cap-like attachment of the faucet (*m, m* Fig. 4) shall fit closely and through which the faucet itself passes. By this means, all water which otherwise would be apt to leak through the joint between the washbasin and the marble, or through the hole, through which the faucet passes, is forced into the basin and necessarily flows off and much annoyance, decay of walls and ceilings and destruction of property attendant upon the old plan will be prevented.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

The stand.—I construct a table like frame with four legs, sufficiently strong to bear the weight of the basin and slab, and into which the basin is fitted.

The washbasin.—The washbasin is constructed in the same form and of the same size as is usual with the exception of the following improvement.

The flange.—The flange of the washbasin, which generally extends from the inner wall on the top of the washbasin about one inch and a quarter in width outward and about three eighths of an inch thick, shall not be flat its whole extent as formerly, but be provided with an elevation or ridge on its top, (*f, f, f*, Fig. 2) not less than three eighths of an inch in width, commencing on the outer edge of the flange of the washbasin

and extending inward in a straight direction upward, about three eighths of an inch high.

The marble slab.—The countersunk marble slab (Fig. 4) shall be at least one inch and a quarter thick and the space intended to cover the washbasin (*j, j*, Fig. 4) shall not be within a quarter of an inch as great in circumference as the inner walls of the washbasin. This serves to strengthen the marble slab, which is weakened by cutting the groove to receive the ridge of the flange of the washbasin (*f, f, f*, Fig. 2). The under portion of the slab should be provided with a groove to receive the ridge of the flange of the basin.

The faucet.—Of similar importance is the improvement on the faucet, consisting of the cap-like attachment (*F, F*, Fig. 5) lapping over the projection on the surface of the marble slab (*G, G*, Fig. 5) and through which the faucet itself passes (*D*, Fig. 5). Formerly that portion of the faucet (*F, F*, Fig. 5) was flat and had to be placed flat upon the marble—the water gathered there by spattering and other causes soon found its way through the same hole the faucet passes through. By my improvement the water is prevented from getting under the faucet and the part of the slab, through which the faucet passes and which formerly was constantly in a dripping state and leaky condition, will be kept perfectly dry.

Drawings.—Fig. 1, a full view of my improved water-tight, washing hand-stand—*a*, represents the frame to support the same, *b*, the slab, *c*, the basin, and *d*, the faucet. Fig. 2, a sectional view of the basin. *e*, represents the hole, to allow the waste water to pass off—*f, f, f*, the elevation or ridge of the flange. Fig. 3, a sectional view of the stand for holding the washbasin, in which *g, g*, represents the hollow ridge for supporting the basin, *h*, the hole, through which the faucet passes. Fig. 4, a sectional view of the countersunk marble slab. *j, j*, represents the sunk groove to fit closely over the ridge or elevation of the flange of the washbasin. *k*, the projection on the marble slab, through which the faucet passes and over which the cap-like attachment fits closely. Fig. 5, a sectional view of my improved "water-tight washing hand stand." *A*, the stand, *B*, the washbasin, *C*, the hole in the same for the

passage of waste water, D, the faucet, E,
the slab, F, the cap-like attachment for the
faucet, G, the projection on the marble slab
over which the cap-like attachment fits
5 closely and through which the faucet passes.

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

1. I claim the raised flange, ridge, eleva-
10 tion, or projection upon the basin, in combi-

nation with the countersunk marble slab to
fit such flange for the purpose set forth.

2. I claim the cap-like attachment upon
the faucet, fitting closely over the projection
upon the marble slab, through which the 15
faucet passes for the purpose set forth.

CHRISTIAN GIES.

Witnesses:

JOSEPH DRUNZER,
A. SIDNEY DOANE.