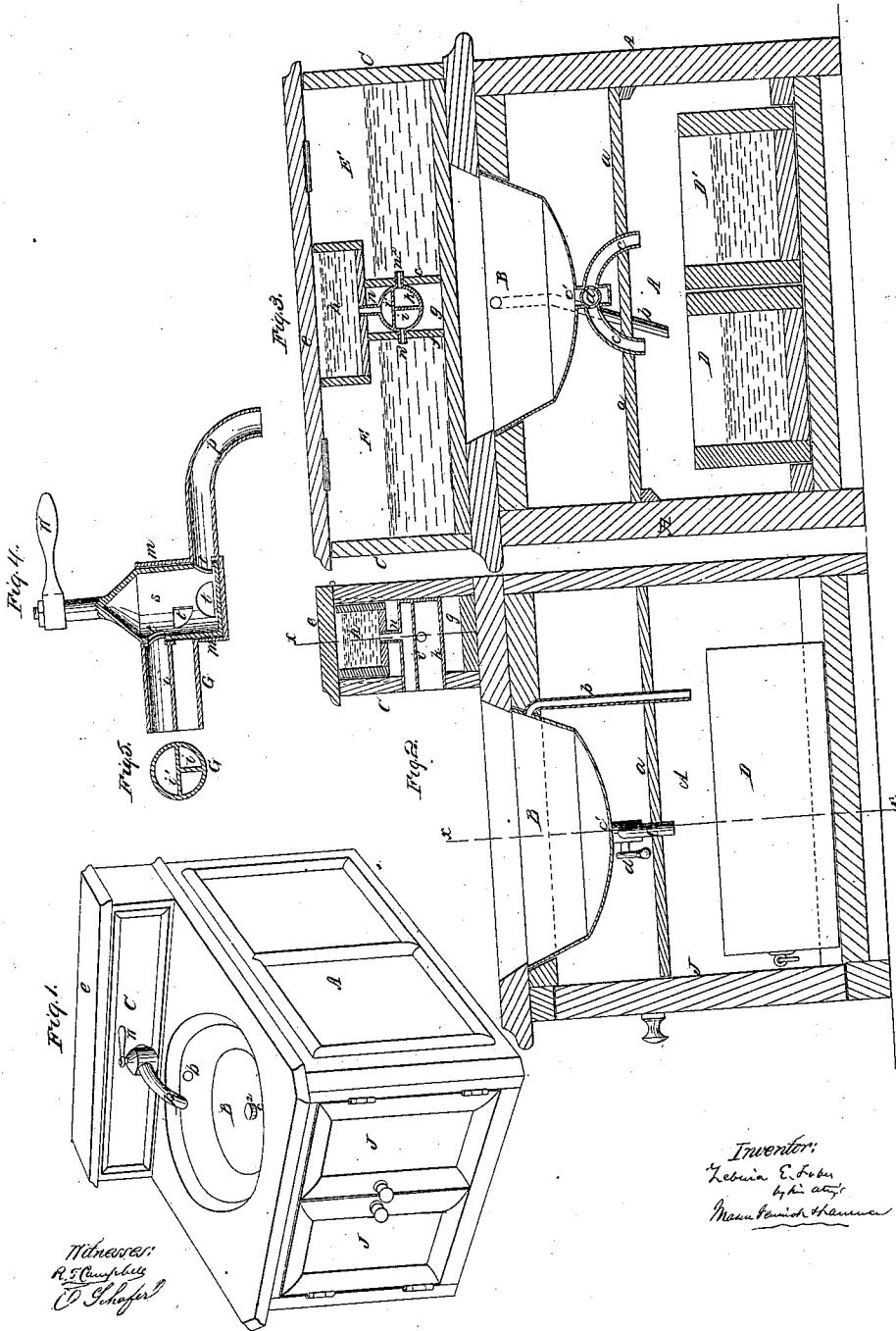


Z. E. FOBES,

Wash-Stand,

N^o 41986.

Patented May 22, 1864.



UNITED STATES PATENT OFFICE.

ZEBINA E. FOBES, OF TROY, NEW YORK.

IMPROVED WASH-STAND.

Specification forming part of Letters Patent No. 41,986, dated March 22, 1864.

To all whom it may concern:

Be it known that I, ZEBINA E. FOBES, of Troy, county of Rensselaer, State of New York, have invented a new and Improved Wash-Stand; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of my improved wash-stand. Fig. 2 is a vertical longitudinal central section through the wash-stand. Fig. 3 is a vertical transverse section taken in the planes indicated by the red lines $x x$, Fig. 2. Figs. 4 and 5 show the construction of the three-way cock for drawing water from the upper tanks.

Similar letters of reference indicate corresponding parts in the several figures.

The object of my invention is to supply, to some extent, a deficiency in dwelling-houses and other places which are not furnished with the conveniences of water from street-mains, by providing a portable wash-stand with service and waste-water tanks, the former for containing hot and cold water and the latter for receiving the water which is allowed to escape from the basin, as will be hereinafter described.

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

The body A of the wash-stand may be constructed of any required size, shape, or material, and ornamented with panels or other work. This portion of the wash-stand is divided by a horizontal shelf or partition, a, (shown in Figs. 2 and 3,) beneath which are two removable waste-water tanks, D D', furnished with ring-handles, by means of which they can be drawn out and emptied. Above the partition a is the basin B, which may be made of metal, chinaware, or other suitable material, and secured beneath the opening through the top of the stand, as shown in Figs. 1, 2, and 3.

The basin B is furnished with an overflow-pipe, b, leading down into one or the other of the tanks, D D'. The basin B is also furnished with waste-water pipes c c, which communicate with a central discharge-opening, c', closed when desired by a plug, c², Fig. 1. The pipes c c conduct the waste-water into the

removable tanks D D' and a single two-way cock, d, may be used, as shown in Figs. 2 and 3, for allowing the waste water from the basin to flow into either one or both of the tanks, D D', as may be desired.

On the top of the wash-stand above described and near the back part thereof, is a box or chest, C, having a hinged cover, e. This chest extends entirely across the wash-stand from one side to the other, and it is divided into two water-compartments, E E', by the double walls or partitions f f, which latter form or inclose a chamber, g. The walls f extend up from the bottom of the chest but a short distance and form supports for the elevated tank h, which, like the other tanks, should be suitably lined and adapted for holding water. This small tank h extends up to the bottom of the hinged cover and is provided with suitable means for keeping it in its place upon the supports f, and for allowing it to be removed for cleaning or other purposes.

The partitions or walls f f inclose a large pipe, k, having small branch pipes n n' n² leading from its circumference and communicating with their respective tanks E E' and h, as shown in Fig. 3. The large pipe k is subdivided by a central partition, i, and a horizontal partition, i', forming three passages distinct from each other—i. e., no one of these passages communicates with any other than its own respective tank. The three-chambered pipe k receives on that end which passes through the side of chest C the tail-stock of a three-way cock. (Represented clearly in Figs. 4 and 5.) The passages in the tail-stock G of the cock correspond with those in pipe k, so that by the application to this tube or tail-stock of a three-way cock, about to be described, water may be drawn from either one of the three tanks in chest C. The cock proper consists of a cylinder, m, to which the pipe G is secured. Within this cylinder m, which has a closed bottom and a discharge-nozzle, p, on its side, works a cylinder, s, which is closed at its bottom and top, but provided with openings t through its sides. There are three openings, t, arranged or disposed so as to register with their respective passages through the tail stock by turning the cylinder s in certain positions; and there are also three openings, t, corresponding to the openings t which I have above described, that discharge

through the nozzle *p*. When it is desired to draw water from the tank *h*, the cylinder *s* is turned, by means of the handle *w*, so as to bring the highest receiving opening *t* opposite the passage in tail-stock *G*. An opening corresponding to this receiving opening will be brought opposite the nozzle-hole and the water will flow through the cock. The other openings, *t*, are brought opposite their respective receiving and discharging openings by turning the cylinders either to the right or to the left, and thus water may be drawn from either one of the tanks *E E'* at pleasure.

If it is desired, separate and independent cocks may be applied to the three water tanks, *E E' h*, all leading into the basin *B*, or the three-way cock above described may be used.

From the above description it will be seen that by keeping the service-tanks supplied with water it will always be ready for immediate use, and can be obtained by simply turning the cock or cocks. The chest which is elevated above the basin, although secured to and made to form a part of the wash-stand,

will furnish a sufficient head of water for all purposes, and the removable waste-water tanks arranged below the basin, and also forming a part of the wash-stand, will receive all the waste water from the basin and admit of its being removed and thrown out, while at the same time these tanks can be used very conveniently for "bath tubs." The hinged cover *e* closes the three tanks *E E' h*, and the two doors *J J* close the front of the wash-stand and hide all its fixtures from view.

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

A portable wash stand having a basin, *B*, and provided with one or more elevated service-water receivers and one or more waste-water tanks, and with cocks for controlling the supply and escape of the water, substantially as described.

ZEBINA E. FOBES.

Witnesses:

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