

E. S. RICH.
BASIN-FAUCET.

No. 179,608.

Patented July 4, 1876.

Fig: 1.

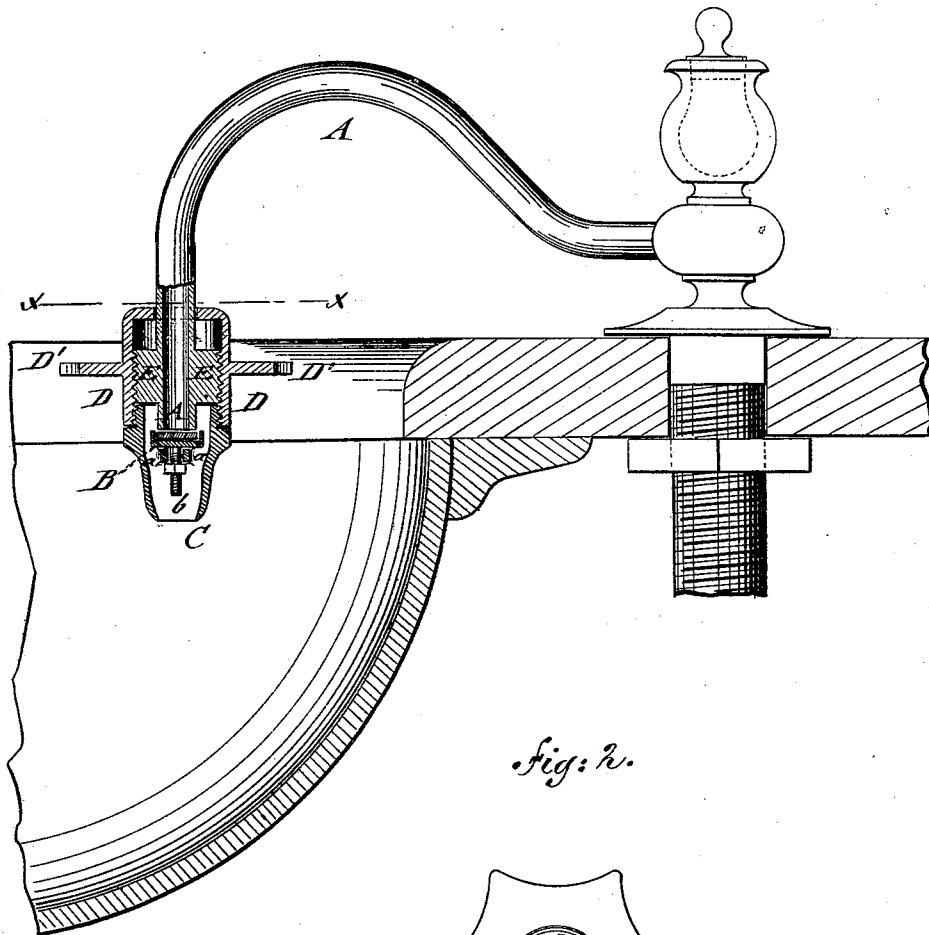
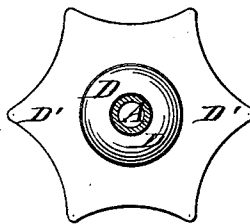


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN BASIN-FAUCETS.

Specification forming part of Letters Patent No. **179,608**, dated July 4, 1876; application filed May 22, 1876.

To all whom it may concern:

Be it known that I, EDWIN S. RICH, of the city, county, and State of New York, have invented a new and Improved Nozzle-Cock, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a vertical central section of my improved nozzle-cock; and Fig. 2, a horizontal section of the same on line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The invention will first be described in connection with drawing, and then pointed out in the claims.

In the drawing, A represents a water-pipe for basins, tubs, or sinks, which is secured to the pillar or wall, and provided at the lowest point within the basin, &c., with a compression-valve, B, seated in the nozzle C, and secured by a screw socket or sleeve, D, to the threaded collar E of pipe A. The position of the compression-valve at the end of the pipe A prevents the leaking or dripping at any other point, as the drip-water is conveyed directly into the basin, instead of running down the pipe, or between slab and basin, and thereby prevented from injuring the floor and spoiling the ceiling below.

The nozzle C is screwed into the sleeve D, and the valve supported on a central seat, *a*, of the nozzle, the stem *b* of the valve B passing through the perforated support. The nozzle

may be unscrewed at any moment from the sleeve when the valve commences to leak, and a new rubber or other packing placed into the seat of the valve. The nozzle is then screwed on again, and the cock is then perfectly tight, the whole operation being accomplished in a short time, without requiring the shutting off of the water.

The sleeve D is provided with a rim or flange, D', by which it may be taken hold of for turning the cock on or off, the valve being withdrawn from the end of the water-pipe when the sleeve is screwed down, so as to discharge the water, being screwed tightly up again when the supply is to be shut off.

The sleeve is drawn in closely at the upper end around the pipe A, so that it will be prevented from escape, loss, or removal by the collar E of the pipe; hence,

What I claim is—

1. The combination of sleeve D with pipe A, having collar E, the sleeve being drawn in at the top about the pipe and above its collar E, as and for the purpose specified.

2. The combination of the sleeve D, constructed as described, the nozzle C, and valve B, substantially as and for the purpose specified.

EDWIN S. RICH.

Witnesses:

PAUL GOEPPEL,
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