

C. COPMAN.
Set-Back Sink.

No. 207,393.

Patented Aug. 27, 1878.

Fig: 1.

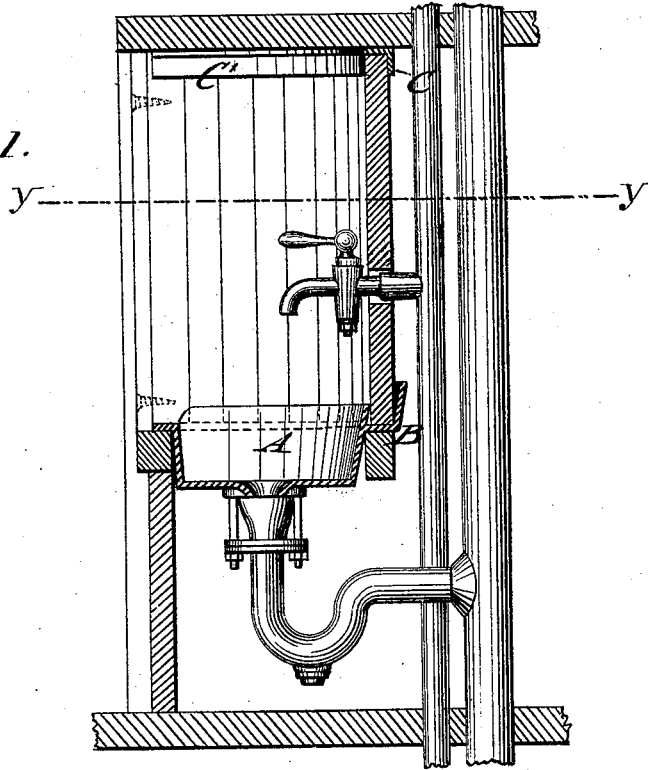
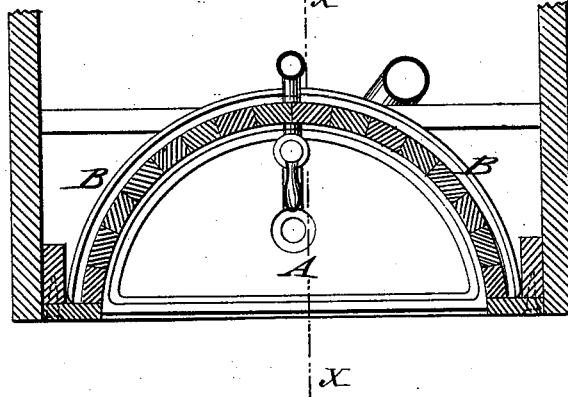


Fig: 2.



WITNESSES:

Achilles Schehl.
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UNITED STATES PATENT OFFICE.

CHARLES COPMAN, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND
HEINRICH SCHMIDT, OF SAME PLACE.

IMPROVEMENT IN SET-BACK SINKS.

Specification forming part of Letters Patent No. 207,393, dated August 27, 1878; application filed
July 22, 1878.

To all whom it may concern:

Be it known that I, CHARLES COPMAN, of New York city, in the county and State of New York, have invented a new and Improved Set-Back Sink, of which the following is a specification:

In the accompanying drawings, Figure 1 represents a vertical transverse section of my improved set-back sink on line *x x*, Fig. 2; and Fig. 2 is a horizontal section of the same on line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

This invention has reference to improvements in sinks, and specially of that class which are used in private residences and tenement-houses and are set back into recesses of the walls, so that the wood-work or partitions at the upper part of the recess may be put up, removed, and replaced with great facility, and without injury to the same, and thereby repairs in the plumbing attended to in quick and easy manner.

At present the wood-work or casing is nailed to cleats or braces back of the casing, and requires to be broken away or torn off when the water or waste pipes have to be repaired. In tearing off the boards they are defaced and rendered unsightly, necessitating frequently the substitution of new boards, and making the whole job slow and difficult.

My invention consists of a groove formed by a flanged step at the sides and back of a set-back sink and of a second top groove formed of two angle-irons at the top of the recess in which the sink is placed. The angle-irons correspond in shape to the groove of the sink, and retain jointly therewith the wood-work securely in place.

Referring to the drawings, A represents a sink, of square, semicircular, or other shape, which is set back into a closet-like recess of the wall, and supported by front and back flanges or shoulders on cross-pieces of the wood-work. Along the sides and rear of the sink A is formed a groove that is equal in width to the thickness of the boards which close the upper part of the recess. This groove is formed by a flanged horizontal step, B, which is cast either in one piece with the sink, near the upper edge of the same, or, in case

of old sinks, screwed or otherwise attached to the back of the same.

To the top of the recess of the wall are screwed or otherwise fastened two angle-irons, C C', which form between them a groove of the same size and shape as the groove of the sink, so as to receive and support, in connection with the lower groove, the wood-work, that is guided into position by the flanged step B and the rear angle-iron C.

The shape of the wood-work or partition corresponds to the shape of the sink and angle-irons, the boards matching each other or not, as desired.

The sink is set into position as follows: The sides and back of the sink are first placed on the supporting cross-pieces; then the rear or inner angle-iron is secured to the top of the recess vertically above the groove of the sink, and then boards of the proper length and width moved in along the socket-groove of sink and along the flange of the top angle-iron until the entire partition is formed.

The boards are tightly crowded up and pressed against the top angle-iron, and then the outer or front angle-iron is secured into position, after being first tightly pressed against the boards. The boards are thus securely retained, and finally covered at the sides by suitable face boards.

In case repairs of the water and waste pipes have to be made, the face boards and front angle-iron at the top are removed, and the boards taken out without being injured. The plumber can thus get at his work without delay and difficulty. This improved mode of putting up the wood-work of such set-back sinks is adapted to old and new sinks, and facilitates the work of the carpenter in building them and the work of the plumber in repairing the pipes, forming thus a set-back sink of superior construction for all kinds of buildings.

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

1. The combination of a set-back sink, having a groove extending along its sides and rear, with partition-boards supported therein, and with retaining angle-irons, forming a groove corresponding to lower groove, and

being attached to top or ceiling of recess of sink, substantially as and for the purpose set forth.

2. In a set-back sink, the combination of the removable wood-work or partition with guiding and supporting devices of the sink and of the top or ceiling of recess, so that the wood-work may be readily put up, or removed for repairing the water and waste pipes, substantially as and for the purpose set forth.

3. A set-back sink whose step is provided with two flanges, that both guide and hold the wood-work, as shown and described.

CHAS. COPMAN.

Witnesses:

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