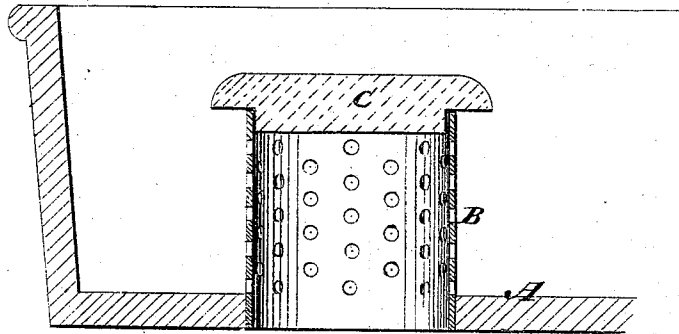


[51.]

Ja^s L. Oliver. Waste Pipes for Sinks.

No. 118,548.

Patented Aug. 29, 1871.



Witnesses:

E. Wolff.
Wm. H. C. Smith.

Inventor:

Ja^s L. Oliver.

PER

Munn & Co.
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UNITED STATES PATENT OFFICE.

JAMES L. OLIVER, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN WASTE-PIPES FOR SINKS.

Specification forming part of Letters Patent No. 118,548, dated August 29, 1871.

To all whom it may concern:

Be it known that I, JAMES L. OLIVER, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and Improved Waste-Pipe for Sinks; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to an improved safety waste-pipe for sinks and the like, to prevent the escape being stopped and the overflow resulting therefrom; and it consists in a perforated extension of the waste-pipe above the bottom of the sink, and a stopper in the top, which will float off in case the perforations which afford the escape for the water ordinarily become stopped, and open an escape for the water so large as not to be stopped by the small particles likely to stop the smaller holes.

The drawing is a section of a part of a sink and my improved waste-pipe.

A is the bottom of the sink, and B the perforated extension of the waste-pipe above the said bottom. C is a light wood, cork, or other plug, which

will float, placed in the top, as a protection against the loss of small articles by dropping in the pipe. This plug is placed in loosely, so that the water rising in the sink above the pipe will float it off, so that the water may have ample means of escape to prevent overflow if the water-cocks above leak or are inadvertently left running. This extension B may be detached from the pipe below the bottom, and arranged for readily taking out for cleaning or any other purpose. I propose to ballast the plug, so that when lifted off it will tilt on one side to prevent being carried back to its seat by the water.

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

The perforated extension of the waste-pipe above the sink-bottom and the loose plug C, combined with the said bottom, substantially as specified.

The above specification of my invention signed by me this 19th day of January, 1871.

JAS. L. OLIVER.

Witnesses:

T. B. MOSHER,
GEO. W. MABEE.