G. & C. HAYES.
Sink.

No. 233,674. Patented Oct. 26, 1880.

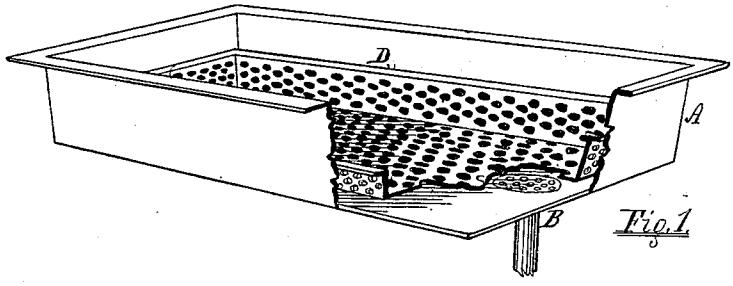


Fig. 1.

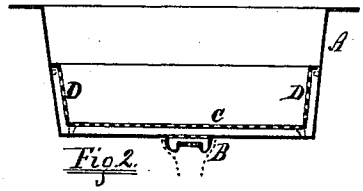


Fig. 2.

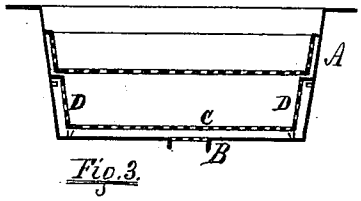


Fig. 3.

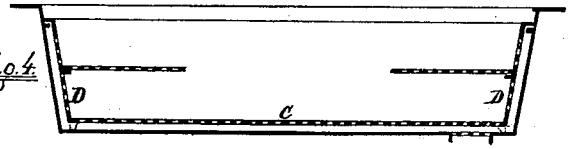


Fig. 4.

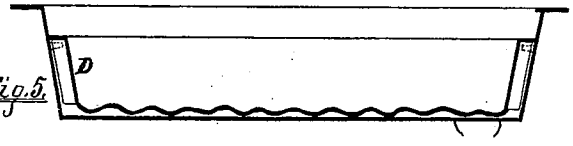


Fig. 5.

Witnesses.
James McKeown
Sam'l M. Hopkins

Inventor.
George Hayes.
Charles Hayes

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

GEORGE HAYES AND CHARLES HAYES, OF NEW YORK, N. Y.; SAID CHARLES HAYES ASSIGNOR TO SAID GEORGE HAYES.

SINK.

SPECIFICATION forming part of Letters Patent No. 233,674, dated October 26, 1880.

Application filed January 10, 1880.

To all whom it may concern:

Be it known that we, GEORGE HAYES and CHARLES HAYES, both residents of the city, county, and State of New York, have invented a new and useful Improvement in Sinks for Dwellings, Hotels, Restaurants, Hospitals, Stables, Manufactories, &c., of which the following is a specification.

The nature of our invention consists of the combination, with a cast iron waste-water sink, of an interior lining or bottom of perforated sheet metal extending over the bottom of iron sinks and as far up the sides as may be most suitable, said lining or bottom conforming in size and shape to iron sink, and so arranged therein that a suitable space is left between them for ready escape of fluids, and for other purposes hereinafter mentioned, also arranged so as to be readily removable, and the same may be provided with one or more inside shelves or divisions to provide places for soap, &c., or other purposes.

The object of our invention is to provide for the ever-ready escape of waste water to prevent clogging at the mouth of waste-pipe, whereby cleanliness is promoted; to provide space for disinfectants without interfering with the usual operations and purposes of the sink; to provide for dish-draining, &c., and to provide for a more extended straining or draining surface, obviating the necessity of any strainer at the mouth of the waste-pipe.

In the accompanying drawings, Figure 1 is a perspective view of a sink containing our improvement, a part broken away to show interior more clearly. Fig. 2 is a vertical section. Fig. 3 is a vertical section of a double form. Fig. 4 is a section showing how shelves may be arranged therein. Fig. 5 is a section showing bottom and sides corrugated.

A represents the cast-iron sink, which may be of any of the usual forms. At B is shown the usual outlet therefrom, being the mouth of waste-pipe, usually protected by strainer set in.

C represents an interior perforated sheet-metal lining extending over the bottom of the sink, raised sufficiently therefrom to allow free passage of fluids beneath, and may be supported by legs, flanges, or any other suitable means.

D represents perforated sheet-metal vertical walls attached thereto, or forming part with the aforesaid bottom, and showing how the lining may be extended upward and to any desired height and said lining may be hung or supported thereby. This bottom or lining, with or without side walls, may be lifted out from the sink readily, when desired, and by any suitable means.

Shelves may be provided, as shown in Fig. 4, to answer for dish-drainers, soap-receptacles, or other similar purposes.

In Fig. 5 the bottom and sides are shown corrugated. Either or both may be thus formed for the purpose of strength and to provide water-way, also as a support, obviating necessity of legs or flanges.

What we claim as new, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, a tray constructed of perforated sheet metal with flat bottom and vertical sides, and of size and shape corresponding with and adapting it to fit into a cast-iron sink.

2. In combination with a cast-iron waste-water sink, a tray consisting of bottom C and vertical walls D, both bottom and walls constructed of perforated sheet metal, provided with outwardly-bent flange at top of walls, and arranged within said cast-iron sink, so that space will be left at the sides and bottom between the tray and sink, said tray being of size and shape corresponding to iron sink and supported therein, as herein shown and described.

GEORGE HAYES.
CHARLES HAYES.

Witnesses:
SAML. M. HOPKINS,
PETER W. CAMPBELL.