

(No Model.)

S. G. McFARLAND.

SLOP SINK.

No. 322,119.

Patented July 14, 1885.

Fig. 1.

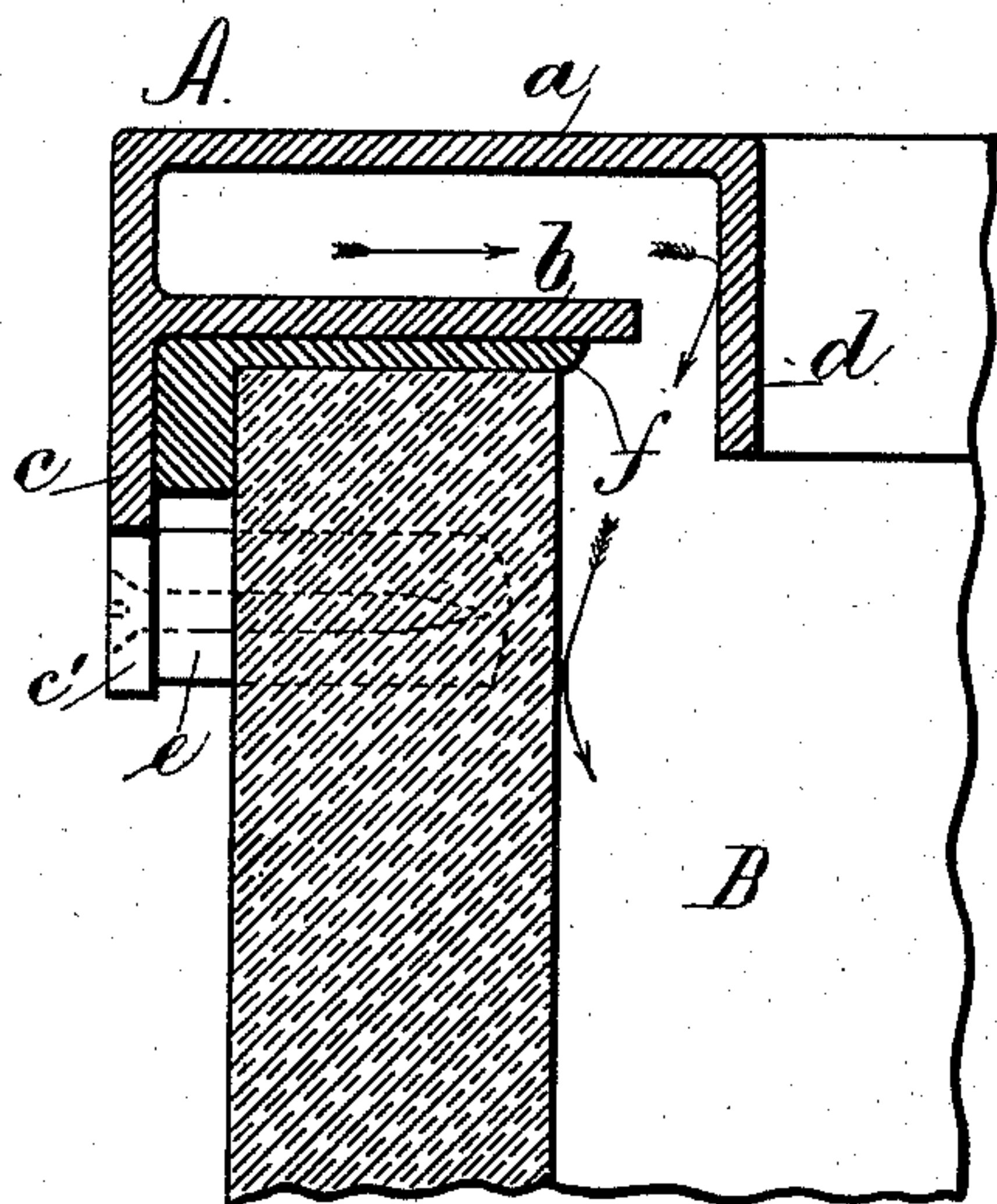


Fig. 2.

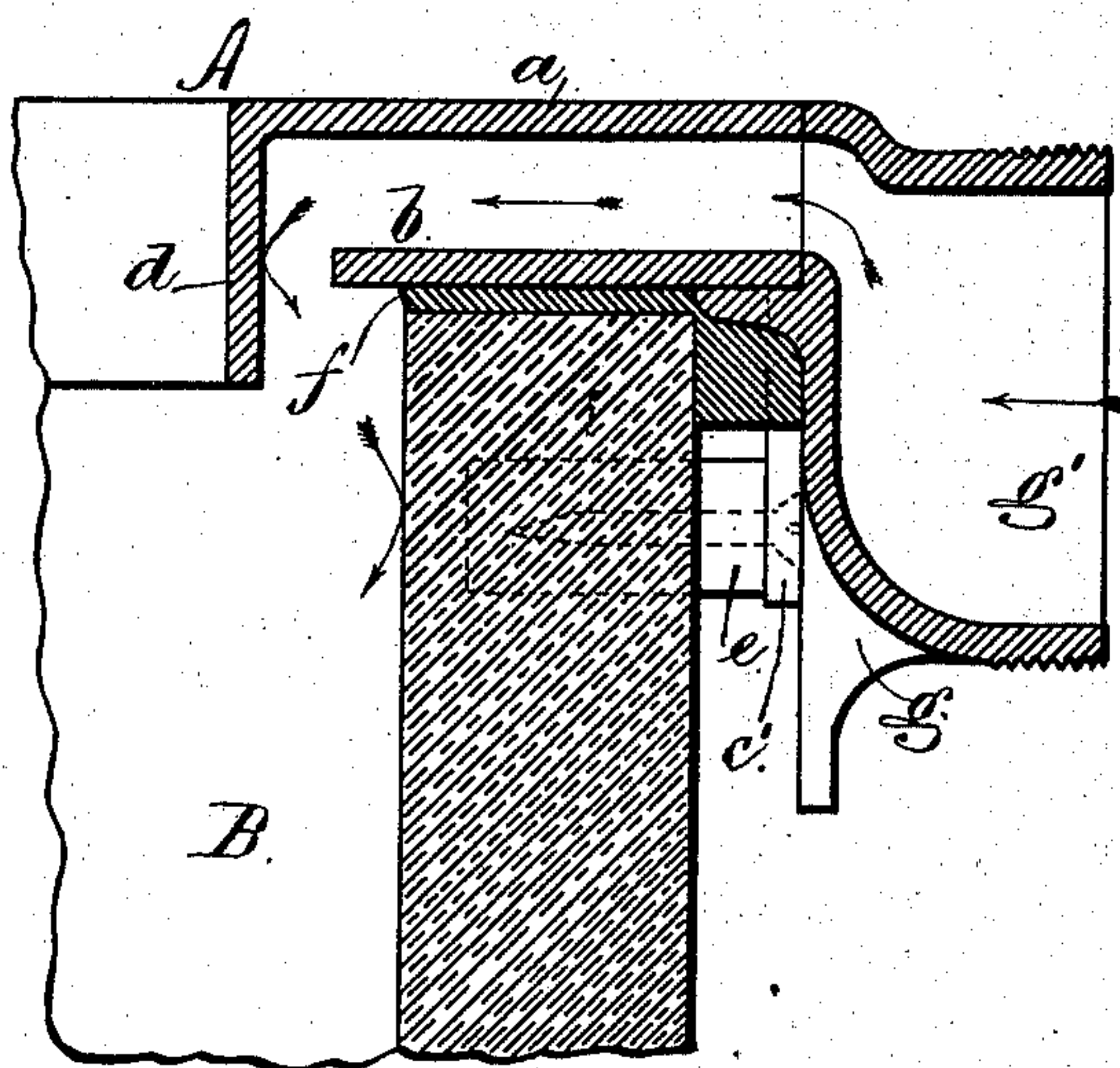
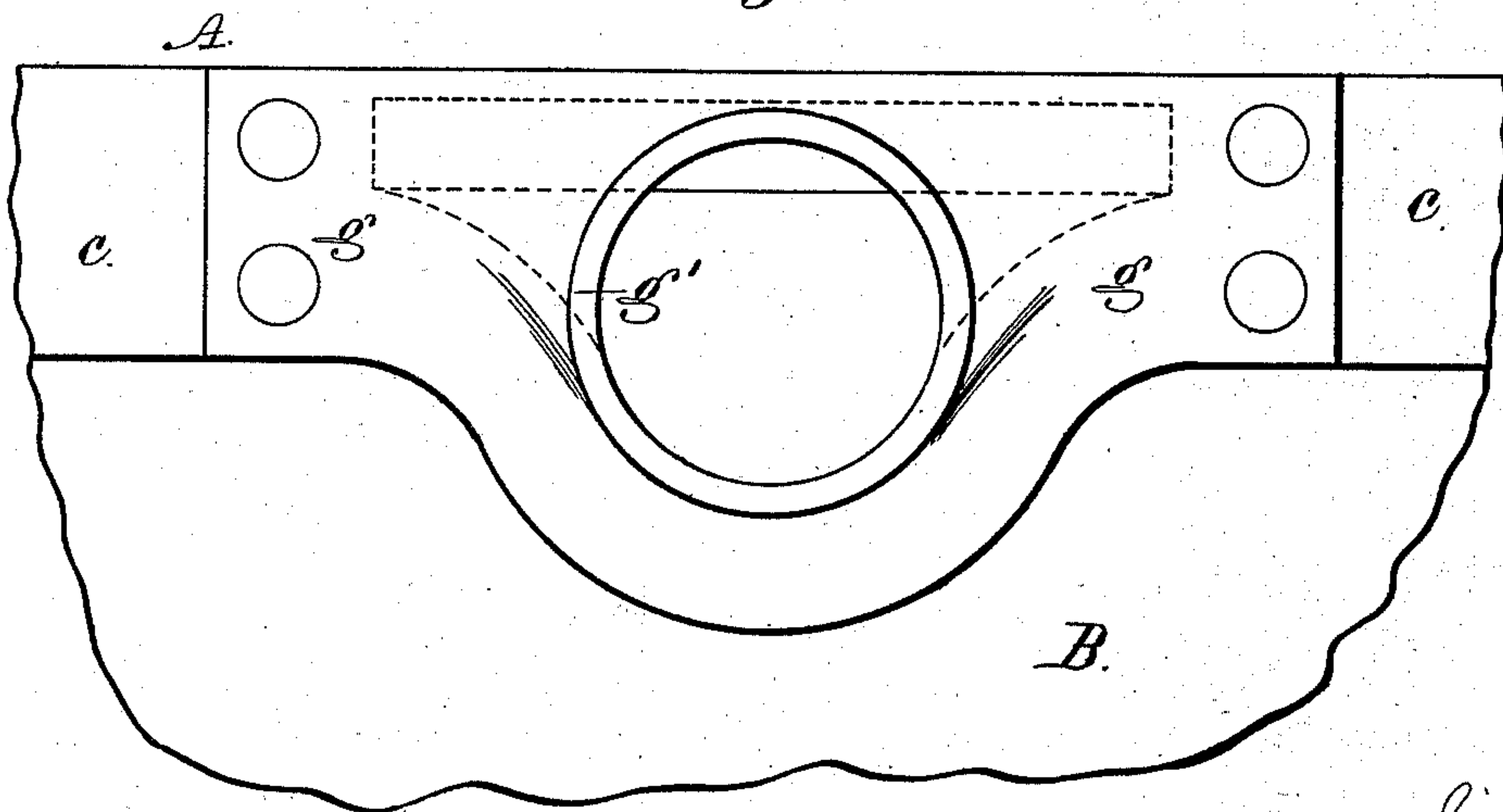


Fig. 3.



Witnesses
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att.

UNITED STATES PATENT OFFICE.

SAMUEL G. McFARLAND, OF NEW YORK, N. Y., ASSIGNOR TO THE J. L. MOTT
IRON WORKS, OF SAME PLACE.

SLOP-SINK.

SPECIFICATION forming part of Letters Patent No. 322,119, dated July 14, 1885.

Application filed September 1, 1884. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL G. McFARLAND, of the city, county, and State of New York, have invented a new and useful Improvement in Slop-Sinks, and the following is declared to be a description of the same.

Cast-iron and porcelain basins and closets have been made with a flushing-rim forming a part of said basin or closet; but in earthenware slop-sinks as heretofore made there has been no ready and efficient means of cleansing and flushing the interior side walls of the sink, and waste matters adhering upon the same are offensive and detrimental to health.

My invention relates to a hollow cast-metal rim adapted to set upon the upper edge of an earthenware slop-sink, a packing of putty or similar material being placed between the metal rim and the upper edge of the sink and forming a water-tight joint, said rim being held in place by screws passing through lugs on the rim and into wooden pegs in the earthenware sink. This metal rim is constructed with an internal water-channel with a mouth between the edge of the plate that rests upon the rim of the sink and the inside flange of the flushing-rim, through which space the water descends, and is directed against the walls of the sink to flush them all around the sink at the same time. There is a cap-plate connected to the flushing-rim to receive the coupling of a pipe from a flushing-cistern, so that the water from said cistern may pass into the rim.

In the drawings, Figure 1 is a cross-section of the rim upon one side of the sink. Fig. 2 is a cross-section of the rim at the supply-pipe, and Fig. 3 is an elevation of the rim and cap-plate.

The rim A is composed of the horizontal parts *a b* and vertical side *c* and interior flange, *d*. These parts may be made separately and soldered together; but I prefer to make the said rim of cast metal.

There are wooden pegs *e* secured in the earthenware basin or sink B, and screws pass through the lugs *c'* extending down below the rim, by which it is secured in place and held

tightly down upon the filling of putty or similar material, *f*, between the rim A and sink B.

The plate *g* is securely fastened to the rim A, and is provided with a threaded nipple, *g'*, and said nipple is connected by a coupling to the pipe from the supply-cistern, and the water from said cistern, after the pull has been operated, flows through the nipple *g'* and spreads in the cap-plate *g*, and fills the water channel or chamber all around the rim A, and discharges through the space between the bottom *b* and flange *d*, and, flowing down the walls, washes and cleanses the sink from foreign matter, carrying the same into the sewer-pipe in the usual manner.

My improved flushing-rim may be square, oblong, or round, according to the shape of the slop-sink.

I do not claim a hollow rim for a closet or sink, as such rims have been made of porcelain set upon the top edge of the sink. In other instances a hollow metallic rim has been held to the closet-basin by a case that extends above it and straps passing down to the bottom of the basin. In my improvement the hollow rim is a flat metallic tube having downwardly-projecting lugs, and through these the attaching-screws pass into plugged holes in the porcelain sink.

I claim as my invention—

In combination with an earthenware slop-sink, a hollow metallic rim having an opening or mouth between the bottom and the internal flange, *d*, and a connection for the supply-water pipe and lugs, and attaching-screws for connecting the metallic rim to the slop-sink, such screws passing into plugged holes in the sink, and putty or cement between the top of the earthenware and the hollow rim, substantially as set forth.

Signed by me this 23d day of August, A. D. 1884.

SAML. G. McFARLAND.

Witnesses:

MAX GOEBEL,
HENRY MORFORD.