

A. Barrows

Bath Tub

N^o 95,633.

Patented Oct. 12, 1869.

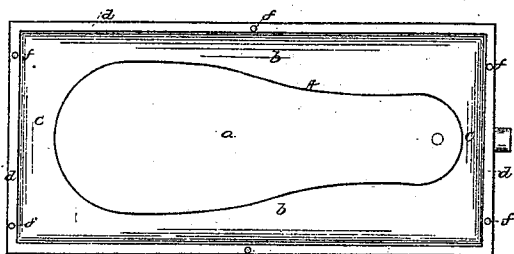


Fig. 1.

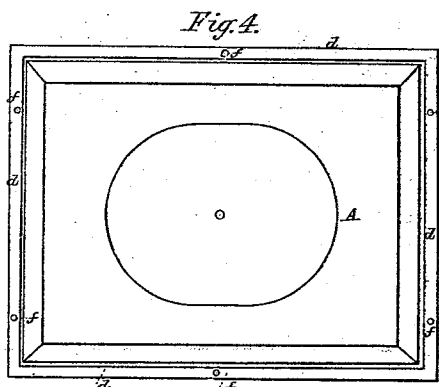


Fig. 4.

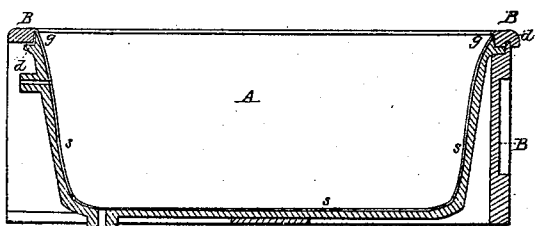


Fig. 2.

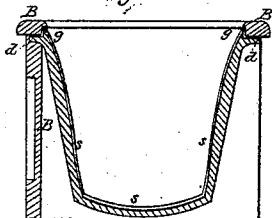


Fig. 3.

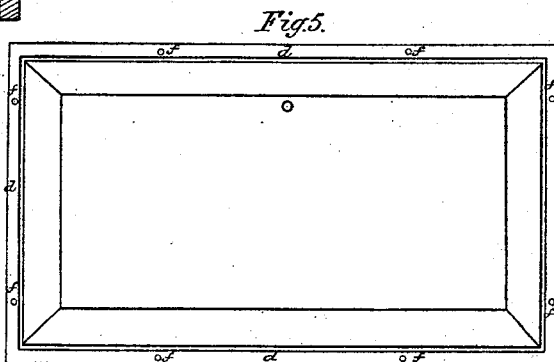


Fig. 5.

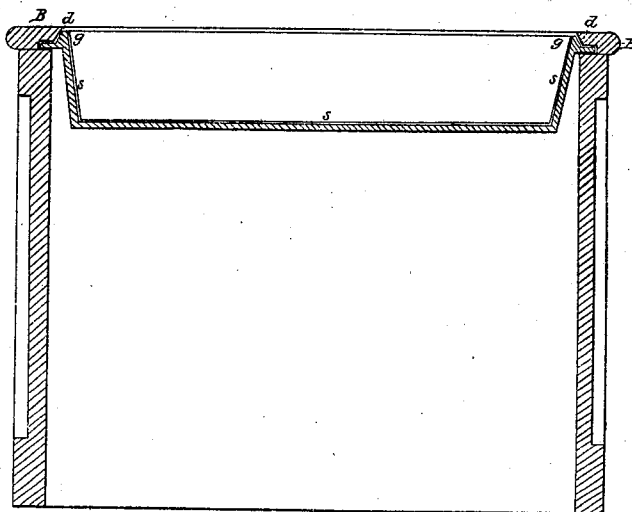


Fig. 6.

*Witnesses:
R. S. Turner.
J. S. Day*

*Inventor:
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by his atty.
J. S. Brown.*

United States Patent Office.

ARAD BARROWS, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 95,633, dated October 12, 1869.

IMPROVEMENT IN BATH-TUBS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, ARAD BARROWS, of Philadelphia, in the county of Philadelphia, and State of Pennsylvania, have invented an Improvement in Bath-Tubs, also adapted for other vessels of analogous construction; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification—

Figure 1 being a top view of a bath-tub, constructed in my improved manner.

Figure 2, a longitudinal vertical section thereof, as mounted in its wooden case.

Figure 3, a transverse vertical section thereof, in its case.

Figure 4, a top view of a wash-stand, constructed with the improvement.

Figure 5, a top view of a wash-sink, similarly constructed.

Figure 6, a longitudinal vertical section thereof, in its wooden casing.

Like letters designate corresponding parts in all the figures.

The nature of my invention consists in a vertical tongue, or upright projection, *g*, above the rim or flanch *d* around the top or upper edge of the bath-tub, at the inner angle thereof, the said projection having a plain inner surface, and fitting into a groove or rabbet, *h*, of the casing, which covers its upper edge.

There may be holes *f f* in the flanch *d*, outside of this projection, by which to secure it in the casing *B*, with screws, nails, or bolts.

This improvement is intended especially for enam-

elled bath-tubs, and enables me to terminate the enamel at the inner edge, without extending it over a salient angle, where it would be very liable to crack off. The casing being brought over the salient edge of the enamel, protects it from knocks or abrasion, while the upright projection prevents the water from flowing over the rim, and getting between it and the wood of the casing.

My invention also consists in the peculiar form of the cast-iron bath-tub, to enable it to be enamelled on the inner surface.

The enamel is indicated at *s*, figs. 2 and 3.

In order to apply the enamel to the surface of so large a vessel, so that it will not scale off by the springing of the metal, in heating and cooling, the tub is made more or less curved in all parts, or all of the large surfaces, as indicated in the sections. By this formation, I have found, practically, that the enamel can be successfully applied, and does not scale off.

The casing *B*, as above indicated, fits over not only the flanch *d*, but also over the upright projection *g* above, thus hiding and shielding the enamelled edges.

What I claim as my invention, and desire to secure by Letters Patent, is—

An interiorly-enamelled cast-iron vessel, having the curved surfaces adapted to receive and retain the enamel, and the vertical projection or tongue *g* to fit the grooved case, for the purposes and substantially as herein specified.

ARAD BARROWS.

Witnesses:

WM. N. BARROWS,
WM. H. SAVERY.