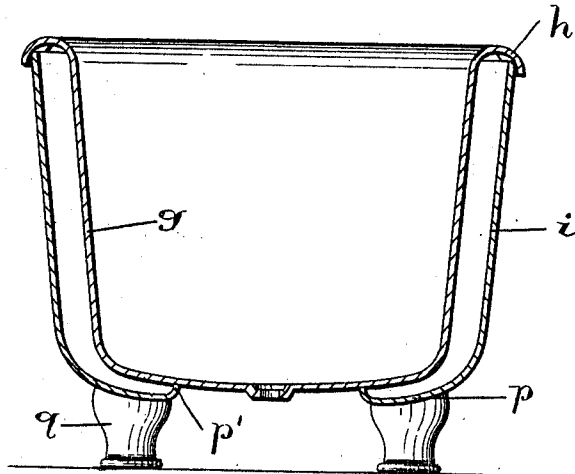


H. T. BUSH.
PORCELAIN ENAMELED WARE.
APPLICATION FILED AUG. 6, 1908.

980,061.

Patented Dec. 27, 1910.



WITNESSES:

A. C. Trimble
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INVENTOR:

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by Charles R. ...
att'y

UNITED STATES PATENT OFFICE.

HIRAM T. BUSH, OF PORT HOPE, ONTARIO, CANADA.

PORCELAIN-ENAMELED WARE.

980,061.

Specification of Letters Patent.

Patented Dec. 27, 1910.

Application filed August 6, 1908. Serial No. 447,319.

To all whom it may concern:

Be it known that I, HIRAM T. BUSH, of the town of Port Hope, in the county of Durham and Province of Ontario, Canada, have invented certain new and useful Improvements in Porcelain-Enameled Ware; and I hereby declare that the following is a full, clear, and exact description of the same.

10 This invention relates to the manufacture of metal ware having the interior and exterior surfaces porcelain enameled for ornamental and sanitary purposes.

Owing to the difficulty of enameling the interior and exterior surfaces of such articles as bath-tubs, lavatories, sinks, etc., it is advisable to make these articles in two parts, namely, the inner shell which may be the bath tub or bowl, and the outer shell which may be the drapery, and enamel the exposed surfaces of both and then assemble them so that when assembled the outer shell will form the support for the inner shell, and the assembled parts will have the appearance of an unitary piece.

In carrying out the invention the outer shell is made without a top side or a bottom side so that the inner shell can be readily placed within the outer shell and the rim of the former will overhang the outer surface of the latter and rest on the top edge thereof.

For an understanding of the invention reference is to be had to the following description and to the accompanying drawing which represents a transverse section of a bath.

Like characters of reference refer to like parts throughout the specification and drawing.

The inner shell of the bath consists of a bath-tub *g* formed with a ledge *h* at its top edge which overhangs the top edge of the outer shell *i*. The exterior surface of the ledge *h* and the interior surface of the inner shell *g* are enameled and when the inner shell is supported within the outer shell *i*, it forms with the outer shell a bath having the outward appearance of being an unitary piece. The bottom of the outer shell *i* is formed at

the corners with inturned lugs *p* with upward projections *p'* forming a seat for the under surface of the inner shell and assisting in supporting it in position. To the lugs *p* are secured legs or feet *q* which hold the bath above the floor surface. The outer shell is of a bottomless and topless character, so that by making the baths in this manner it is possible to effect a reduction in the cost of the foundry casting, employ a cheap class of labor, effect a saving in the metal used in the manufacture, and reduce the cost of cleaning and grinding the parts when cast. It also enables the manufacturer to porcelain enamel the interior of the inner shell and exterior of the outer shell at a reduced risk and cost. The form of the shells enables the shippers to nest together a number of inner shells, and a number of outer shells of assorted sizes and transport them in the same space required for one inner or outer shell, and it also enables the dealers to carry in stock in the same space a large number of styles and designs, as the same style of inner shell can be employed with innumerable styles of outer shells.

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

1. The hereinbefore described article of manufacture comprising a bottomless and topless outer shell having inturned portions at its lower edge with upward projections, and an inner shell within the outer shell removably supported on the upward projections.

2. The hereinbefore described article of manufacture comprising a bottomless and topless outer shell having inturned portions at its lower edge with upward projections, a removable inner shell removably supported on the upturned projections and a supporting ledge at the top of the inner shell engaging with the top surface of the outer shell.

Port Hope July 17th, 1908.

H. T. BUSH.

Signed in the presence of—

THOS. LONG,

R. A. MULHOLLAND.