May 1, 1923. 1,453,945

A. G. S. PETERSON

TILED SINK AND DRAIN BOARD

Filed Feb. 8, 1923

Fig. 1.

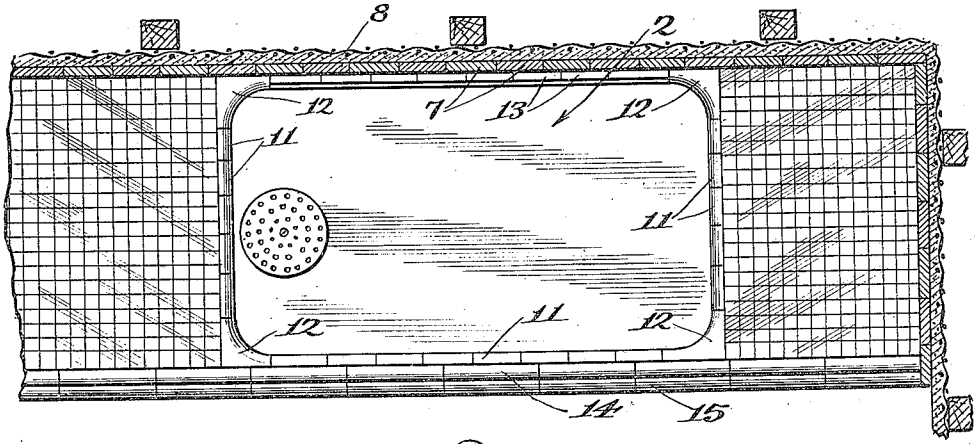


Fig. 3.

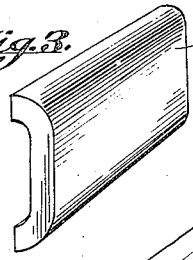
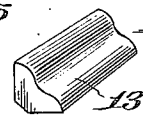


Fig. 5.



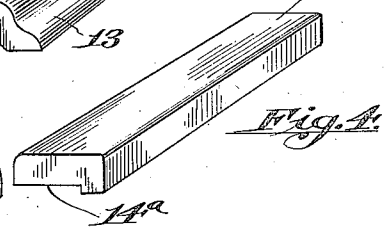


Fig. 4.

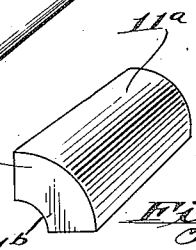


Fig. 7.

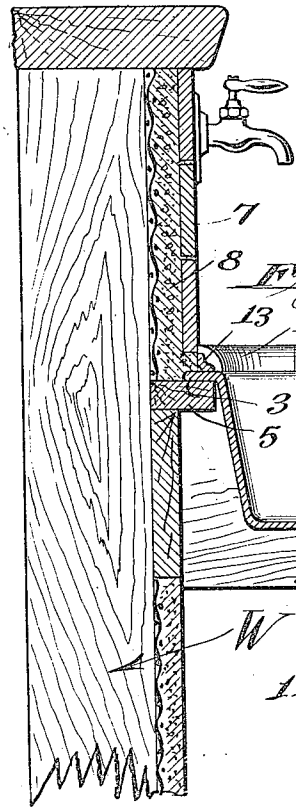
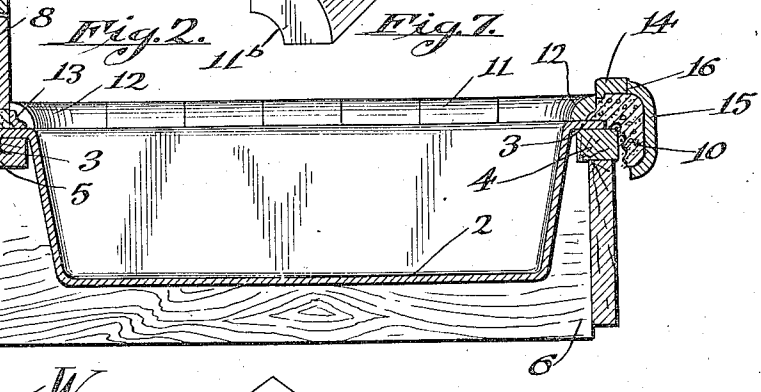


Fig. 2.



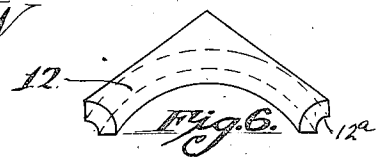


Fig. 6.

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UNITED STATES PATENT OFFICE.

ALFRED G. S. PETERSON, OF LOS ANGELES, CALIFORNIA.

TILED SINK AND DRAIN BOARD.

Application filed February 8, 1923. Serial No. 617,706.

To all whom it may concern:

Be it known that I, ALFRED G. S. PETERSON, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Tiled Sinks and Drain Boards, of which the following is a specification.

This invention relates to plumbing installations and more particularly to tiled sinks and drain boards.

It is an object of the present invention to provide a substantial, thoroughly sanitary and practical sink and drain structure of tile finish.

Another object is to provide a flat flange sink and tile finish structure, and to provide a tile finish in which there is combined glazed and unglazed tile for advantages obtained and set forth hereinafter.

Other objects and advantages will be made manifest in the following specification of an embodiment of the invention illustrated in the accompanying drawings, wherein—

Figure 1 is a plan of the improved sink and a horizontal section of a wall contiguous to the sink.

Fig. 2 is a vertical transverse section of the sink and a portion of the wall.

Fig. 3 is a perspective of one of the face or apron tile blocks.

Fig. 4 is a perspective of one of the rim tiles.

Fig. 5 is a perspective of one of the back corner filler tiles.

Fig. 6 is a view of a corner trimmer.

Fig. 7 is a perspective of one of the runner trimmers.

The present invention consists of a structure employing a sink 2 of suitable size and preferably having a flat outwardly directed rim flange 3 which is adapted to be supported upon box or frame top elements 4 and 5 which may form portions of a sink box or support 6 projecting from or built in any suitable wall structure W in front or contiguous to which the sink is to be mounted and finished.

As shown, a face of the wall is finished up with suitable wall tile 7 which extends down toward and spaced slightly above the flange 3 of the sink; the wall tile being applied to and carried by a cementitious partition 8.

It is desirable to provide a tiled sink installation in which the tile members that are subjected to contact with articles placed upon or manipulated contiguous to the sink, are of unglazed exposed surface, and at the same time to provide along the front edge or corners of the sink when exposed, glazed apron tile members against which wearing apparel of persons contiguous to the sink may rub without chafing.

Accordingly, after the sink 2 has been installed upon its box or frame the flange 3 is covered with a border and binder plastic material 10, and upon the flange there is directly applied a bordering frame cornice of trimmer tile sections 11 shown in Fig. 7. These preferably have a quarter cylindrical exposed unglazed face 11^a and the concaved back 11^b to increase area of contact and form a mortise for reception of the plaster 10. A series of the runner tiles 11 are arranged along the front flange and along the end flanges and are complementary to right angular corner trimmers 12 which have a curved quadrantal inner face 12^a with a cross sectional curve corresponding to the section of the runner trimmers 11. Along the back flange 3 of the sink there is applied a series of filler tile pieces 13, preferably unglazed, and these finish off the joint between the lower face or wall tile 7 contiguous to the back flange 3 of the sink.

Along the front edge of the sink, and along exposed ends of the sink when such is the case, there is laid upon the top of the cement strip 10, while it is plastic, rim forming tiles 14 shown as having top flat faces with inner rounded corners and side faces adapted to be matched against the contiguous corners of the tile sections 11. The rim tile sections 14 are shown as provided with offset bottom surfaces forming a shoulder 14^a. The exposed faces of the rim tiles 14 are preferably unglazed.

Along the vertical front portion of the plastic material 10 there is applied an apron or rail series of tile sections 15 having glazed front or exposed faces and edges, and these are shown as of channel cross section with their rounded exposed longitudinal corners. The apron tile sections 15 are adapted to be applied to the plastic material 10 with upper rear edges in abutment as at 16 with the front edges of the rim tile 14. The finishing apron sections 15 curve down and inwardly under the plastic base 10 and, therefore, provide a neat and polished exterior front finish along the apron at the top of the sink box.

While the front apron tiles 15 are prefer-

ably glazed so as to eliminate wear upon wearing apparel of persons standing in front of the sink, the tile elements 11, 13 and 14 have unglazed exposed faces, this being desirable and advantageous for the reason that this character of tile is less likely to fracture by chipping when engaged in various metallic or other art utensils and articles handled around the sink.

At either or both ends of the mounted and tiled-in sink there may be provided end drain boards B, preferably having a top tiled facing.

From the above it will be seen that I have provided a tiled sink structure of substantial and practical construction and which provides a thoroughly sanitary structure.

Further embodiments, modifications and variations may be resorted to within the spirit of the invention as here claimed.

What is claimed is:

1. In combination, a sink having a flange, a supporting frame for the flange, a plaster base laid on and along the flange and its frame, a tile framing laid on the flange corners and said base, and an apron tiling along the vertical portion of the said base.

2. In combination, a sink having a flange, a supporting frame for the flange, a plaster base laid on and along the flange and its frame, a tile framing laid on the flange corners and said base, and an apron tiling along the vertical portion of the said base, the apron being of glazed tile.

3. In combination, a sink having a flange, a supporting frame for the flange, a plaster base laid on and along the flange and its frame, a tile framing laid on the flange corners and said base, and an apron tiling along the vertical portion of the said base, the exposed surfacing of the framing being unglazed.

4. In combination, a sink having a flange, a supporting frame for the flange, a plaster base laid on and along the flange and its frame, a tile framing laid on the flange corners and said base, an apron tiling along the vertical portion of the said base, and a rim tile strip between the framing and apron and abutting each.

5. In combination, a sink having a flange, a supporting frame for the flange, a plaster base laid on and along the flange and its frame, a tile framing laid on the flange corners and said base, an apron tiling along the vertical portion of the said base, and a rim tile strip between the framing and apron and abutting each, said rim tile being unglazed.

6. In combination, a sink having a flange, a supporting frame for the flange, a plaster base laid on and along the flange and its frame, a tile framing laid on the flange corners and said base, and an apron tiling along the vertical portion of the said base, the apron tile being of channel section and having rounded top and bottom corners.

In testimony whereof I have signed my name to this specification.

A. G. S. PETERSON.