

June 23, 1925.

1,543,334

L. M. LOEB

BATHROOM WALL CONSTRUCTION

Original Filed Dec. 21, 1923

2 Sheets-Sheet 1

Fig. 1.

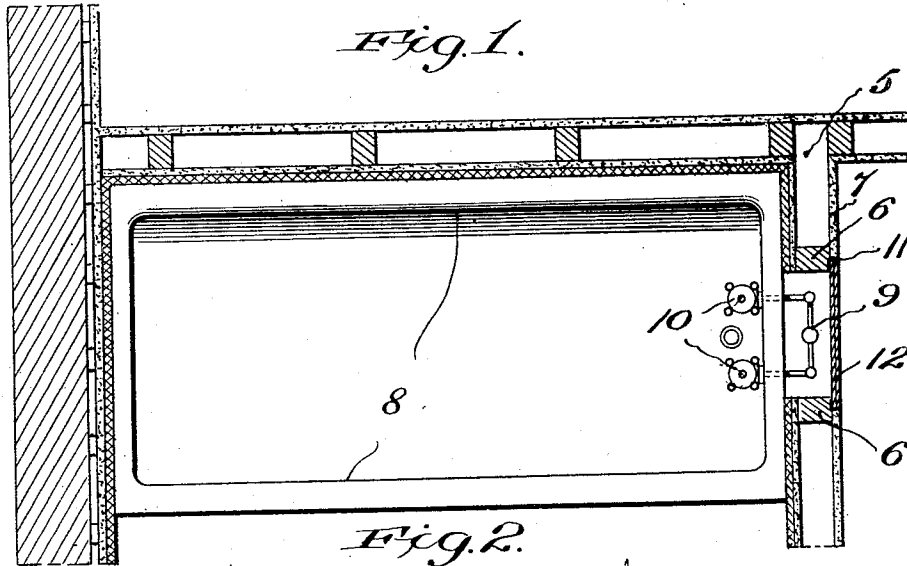
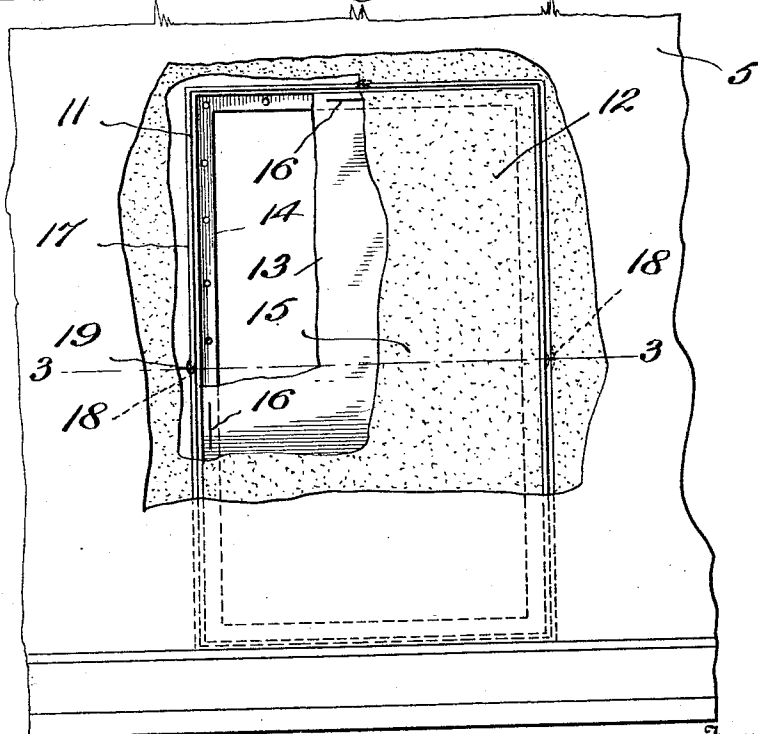


Fig. 2.



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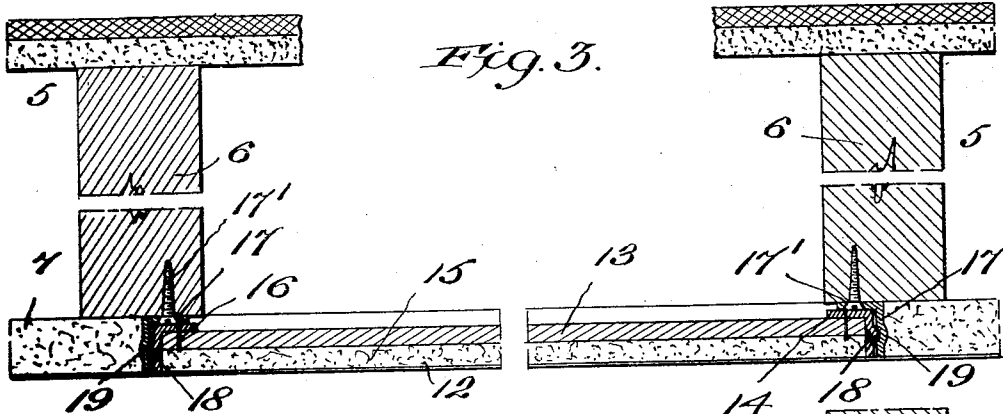


Fig. 3.

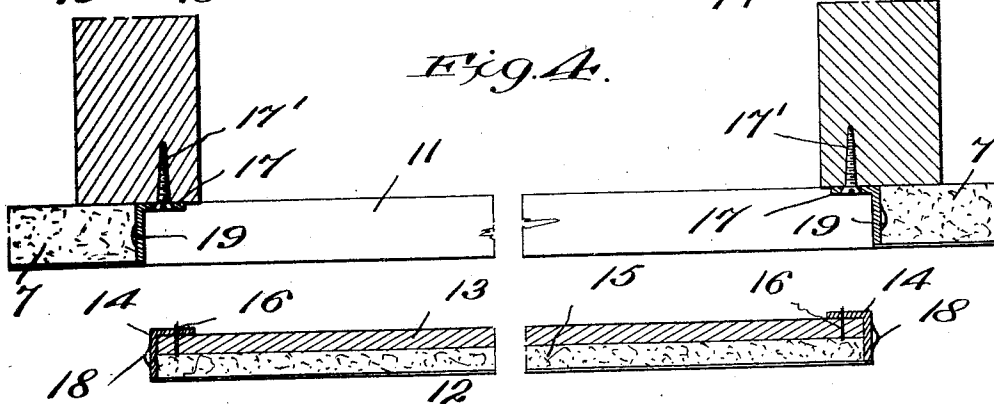


Fig. 4.

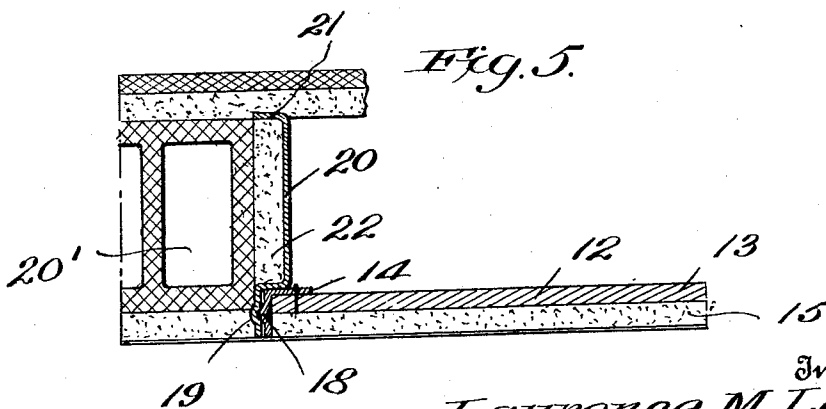


Fig. 5.

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UNITED STATES PATENT OFFICE.

LAURENCE M. LOEB, OF NEW ROCHELLE, NEW YORK.

BATHROOM WALL CONSTRUCTION.

Application filed December 21, 1923, Serial No. 681,952. Renewed November 22, 1924.

To all whom it may concern:

Be it known that I, LAURENCE M. LOEB, a citizen of the United States, residing at New Rochelle, county of Westchester, State of New York, have invented certain new and useful Improvements in Bathroom Wall Constructions, of which the following is a specification.

The present invention relates to bathroom wall construction and the general object thereof is to so construct the wall that access can be conveniently had to the bath tub fittings without necessitating the mutilation of the wall; and without having the usual unsightly wood door or panel as is now sometimes employed, and to this end the invention resides in providing the wall with a removable panel located adjacent to the fittings and so constructed that when in position it will permit the application of plaster to finish perfectly flush with the wall making the panel practically invisible.

Other objects will appear and be better understood from that embodiment of my invention of which the following is a specification, reference being had to the accompanying drawing forming a part thereof, in which—

Figure 1 is a horizontal section taken through the bathroom wall showing the fittings and the removable panel as used in a stud partition.

Figure 2 is a face view of the outer side of the wall with a portion of the wall and panel broken away for the sake of clearness.

Figure 3 is a horizontal section taken on the line 3—3, Figure 2.

Figure 4 is a horizontal section taken through the wall and the panel showing the latter removed, and

Figure 5 is a horizontal sectional detail view taken through a section of wall and panel and showing a modified form of frame for receiving the panel when the latter is used in a tile or gypsum block etc. partition.

In the drawings the numeral 5 designates one of the walls of a bathroom which as shown in Figure 1 is formed in the usual manner, such as by the vertical spaced wood studs 6 and lath and plaster surfaces 7. The numeral 8 designates a bathtub and 9 the usual yoke comprising hot and cold water supply pipes and waste connections which extend upwardly within the wall 5 between

a pair of adjacent studs 6 and are connected with the faucets 10 in the usual manner. The wall 5 is provided with an opening 11 for receiving the pipes 9 and the outer end of the opening is closed by a removal panel 12.

Fixed within the opening 11 is a metal frame 17 which may be formed of angle iron but is preferably formed of brass or other non-corrosive metal and this frame is rigidly secured within the opening by means of screws 17' passing through the frame and into the studs 6 at each side of the opening.

The panel is formed preferably of a base consisting of a metal frame 14 which may be formed of angle iron or brass or other non-corrosive metal, a plaster board 13 and a plastic covering 15 which is of the same finish as that provided by the wall. The plaster board 13 may be secured to the frame in any well known manner such as by means of a wire lacing 16 as shown.

The panel 12 when in its operative position snugly fits within the frame 17 and is held therein against accidental displacement by means of upstruck portions 18 formed on the sides and ends of the panel frame 14 and which frictionally engage within the recesses 19 formed in the sides and ends of the frame 17.

In the construction shown in Figure 5 the frame 17 is shown as having an inward extension 20 which extends through the opening the thickness of wall 20' which is formed of tile, gypsum blocks and plaster etc. The inner edge of the extension is bent as shown at 21 to form a guide in setting.

The removable panel is constructed so that when it is positioned within the opening 11 its outer surface will be flush with the outer surface of the wall and will permit the application of plaster to the plane of the exposed edges of the stationary and removable frames so as to thus render the panel substantially invisible thus providing a convenient means whereby access to the bath tub pipes may be had when occasion requires. If desired the wall may be covered with wall paper or other suitable covering, thus making the panel invisible.

From the foregoing it will be observed that access to the pipes 9 can be conveniently had by simply removing the panel 12, this being usually done by first tapping the wall

adjacent the panel with a suitable tool which loosens the plaster between the meeting edges of the stationary and removable frames and then using the tool to remove
 5 the panel from its frame, thereby overcoming the necessity of mutilating the wall as now sometimes occurs.

To remove the panel when covered with wall paper, it is only necessary to first insert
 10 a knife blade between the meeting edges of the stationary and removable frames and cut the wall paper or other covering around the edges of the panel and then use any suitable instrument to remove the panel from
 15 its position in the frame of the opening.

It is obvious that those skilled in the art may vary the details of construction and arrangement of parts without departing from the spirit of my invention, and, therefore,
 20 I do not wish to be limited to such features, except as may be required by the claims.

What is claimed is—

1. In combination with a bath room wall having an opening therein to admit of access
 25 being had to the interior of the wall, a metallic frame fitted within said opening, a panel removably fitted within said frame and having its outer face flush with the outer face of said wall and means mounted
 30 on the panel for frictionally engaging the frame for securing said panel in position.

2. In combination with a bath room wall having an opening therein to admit of access
 35 being had to the interior of the wall, a metallic frame angular in cross section fitted within said opening, a panel removably fitted within said frame and having its outer face flush with the outer face of said wall, said panel comprising a metallic frame
 40 angular in cross section, and means mounted on one of said frames engaging the other of

said frames for securing said panel in position.

3. In combination with a bath room wall having an opening therein to admit of access
 45 being had to the interior of the wall, a metallic frame angular in cross section fitted within said opening, a panel removably fitted within said frame and comprising
 50 a metallic frame angular in cross section, a base secured within said panel frame and a plastic covering on said base of the same finish as that of the wall, said panel having
 55 its outer face flush with the outer face of said wall and means mounted on one of said frames for frictionally engaging the other of said frames for securing the said panel
 in position.

4. In combination with a bath room wall having an opening therein to admit of access
 60 being had to the interior of the wall, a metallic frame angular in cross section fitted within said opening, a panel removably fitted within said frame and comprising a
 65 metallic frame angular in cross section, a base secured within said panel frame and a plastic covering on said base of the same finish as that of the wall, said panel having
 70 its outer face flush with the outer face of said wall; one of said frames provided with recesses and the other of said frames provided with projections for frictionally engaging
 within said recesses for securing the said panel in position.

In testimony whereof, I have signed my
 75 name to this specification in the presence of two subscribing witnesses, this 15th day of November 1923.

LAURENCE M. LOEB.

Witnesses:

ELEANOR HETTINGER,
 CLARENCE A. DASSLER.