

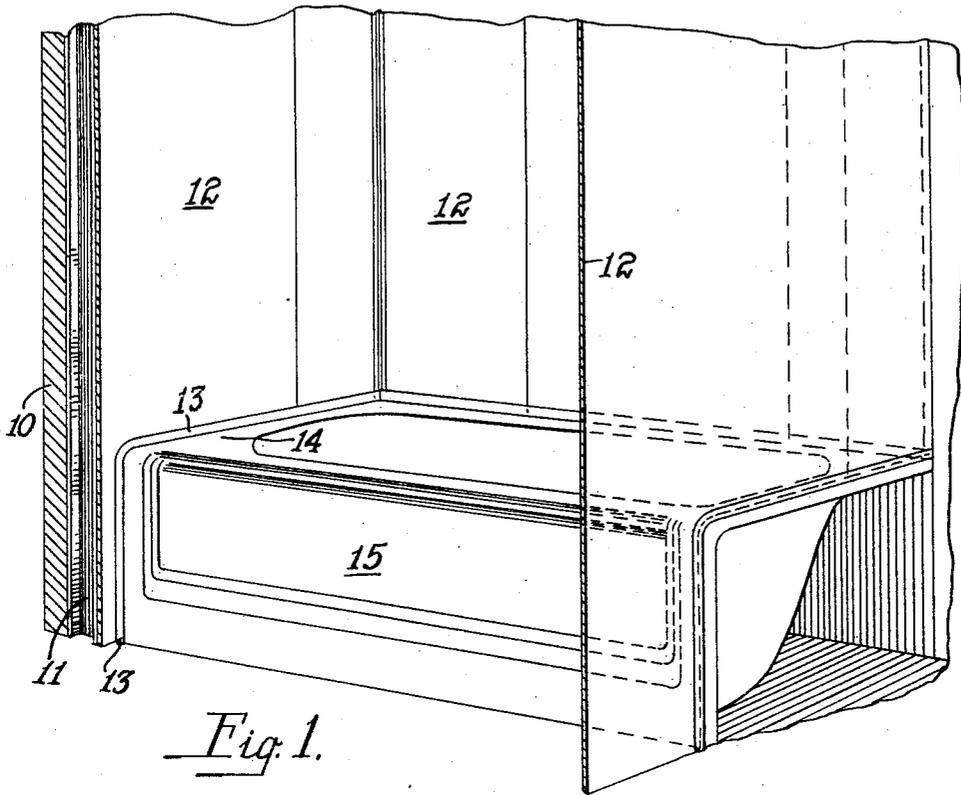
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H. M. REED, JR

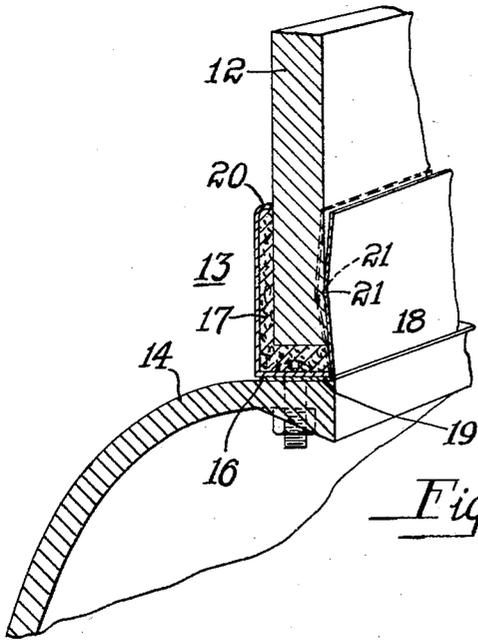
1,887,663

PLUMBING FIXTURE CLIP

Filed Aug. 1, 1931



*Fig. 1.*



*Fig. 2.*

INVENTOR  
Henry M. Reed, Jr.  
By Green & McCallister  
His Attorneys

## UNITED STATES PATENT OFFICE

HENRY M. REED, JR., OF LOUISVILLE, KENTUCKY, ASSIGNOR TO STANDARD SANITARY MANUFACTURING COMPANY, A CORPORATION OF NEW JERSEY

## PLUMBING FIXTURE CLIP

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This invention relates to sheet metal wall panels, and more particularly to a new, improved means for securing such a panel to the rim or edge of a plumbing fixture so as to form a joint therebetween.

One object of this invention is to provide means for joining a sheet metal wall panel to a plumbing fixture which is relatively cheap to manufacture, easy to attach to the fixture, and readily permits assembly of the wall panels.

Another object of this invention is to provide means for forming a watertight joint between a plumbing fixture and a sheet metal wall panel.

A further object is to provide means for joining a sheet metal wall panel to a plumbing fixture which securely holds the panel therein and is free from sharp edges so as to prevent injury.

These and other objects which will be made apparent to those skilled in this particular art are accomplished by means of this invention, one embodiment of which is described in the following specification and illustrated in the accompanying drawing, wherein;

Figure 1 is a view in perspective of a plumbing fixture having a sheet metal wall panel secured thereto in accordance with my invention, and

Fig. 2 is an enlarged fragmentary view in section of the invention in detail.

Referring to the drawing in detail, 10 indicates the wall of a bathroom, or the like, having upright members 11 secured thereto which support a metallic sheathing 12 formed from sheet metal panels. The panels comprising the sheathing 12 are secured at the top of the room to a furring or nailing strip (not shown) which is mounted on the uprights 11. The lower ends of the panels 12 are received in a clip member 13 which is secured to the rim or edge 14 of a bathtub 15. While I have illustrated the invention in connection with a bathtub, it is to be understood that it may be applied to any type of plumbing fixture.

The clip member 13 is of substantially U-shape and has a base member 16 which is secured to the edge of the tub and vertically

extending legs 17 and 18 which are spaced apart at the top so as to receive the end of the panel 12 snugly therebetween. The base 16 of the member 13 may be bolted to the rim 14 or secured thereto in any other suitable manner. A gasket 19 is placed between the base 16 of the clip and the rim 14 so as to provide a water-tight connection therebetween.

So that a smooth rounded surface will be formed between the panels 12 and the clip 13, the upper edge of the leg 17 is rolled inwardly and the panel is held securely against the rolled edge 20 by the leg 18 which is bent inwardly or hipped, as at 21, so as to impart a spring-like force to the panel.

To make the joint between the clip member 13 and the panel 14 water-tight, the space between the legs 17 and 18 may be filled with waterproof cement.

As illustrated in Figure 1, the clip member 13 extends along the vertical edges of the tub as well as along the top horizontal edges thereof and forms a waterproof joint between the wall panels and all parts of the tub.

In carrying out my invention I prefer to attach the clip member 13 to the edge of the tub before the same is installed or placed in position in the room. After the tub has been installed, the ends of the metal panels are placed between the legs 17 and 18 of the member 13. The panel, on being forced between the legs of the clip member, engages the hip 21 and causes the legs 18 to be moved out of its normal position, thereby making the leg in effect a spring member which forces the panel against the rolled edge 20 on the leg 17. The upper end of the panel is then secured to a furring or nailing strip and other panels are assembled until the wall covering is completely in place.

While I have described the panels 12 as being made of sheet metal, it is understood that panels having an enameled or vitreous outer surface and backed with heat insulating material may be used with my invention.

From the above description it is readily apparent that I have provided a clip member for joining the panels of a sheet metal wall to a plumbing fixture which permits the panels

to be readily assembled and which permits free access to the space between the sheathing and the wall since the panels may be readily removed.

5 What I claim as new and desire to secure by Letters Patent is:

10 1. A clip for joining a sheet metal panel to a plumbing fixture, comprising a member secured to said plumbing fixture and having vertically extending spaced legs adapted to receive the end of a sheet metal panel therebetween, one of said legs being shaped to yieldingly hold the end of the panel against the other leg.

15 2. In combination with a plumbing fixture and a sheet metal panel, means for joining said panel to said fixture so as to form a water-tight joint therebetween, said means comprising a member secured to said fixture having a panel-receiving recess therein, said member being shaped to yieldingly hold the end of said panel in said recess.

20 3. In combination with a plumbing fixture and a sheet metal wall panel; means for joining said panel to said fixture, said means comprising a member having a base portion secured to the rim of said fixture, legs extending vertically from said base forming a channel therebetween for receiving the end of said panel, and spring acting means associated with one of said legs for holding said panel firmly against the other leg.

25 4. The combination with a plumbing fixture of means for joining a wall panel to said fixture, comprising a U-shaped member having the base thereof secured to said fixture and the legs extending upwardly therefrom and forming a channel for receiving the ends of a wall panel therebetween, a rolled edge on one leg of said U-shaped member and means for yieldingly holding said panel against the rolled edge of said leg.

30 5. The combination with a plumbing fixture of means for joining a wall panel to said fixture, comprising a U-shaped member having the base thereof secured to said fixture and the legs extending upwardly therefrom and forming a channel therebetween for receiving the end of a wall panel, one of said legs having the edge thereof rolled inwardly, and the other of said legs being bent inwardly intermediate its height for yieldingly holding said panel against said rolled edge.

35 6. The combination with a plumbing fixture of means for joining a wall panel to said fixture, comprising a member secured to said fixture and having a vertically extending leg on one side thereof provided with a rolled upper edge, a second vertically extending leg spaced from said first mentioned leg and having a longitudinally extending inwardly projecting hipped portion, said legs being spaced apart so as to form a panel receiving channel therebetween, the inwardly projecting hipped portion of one leg yieldingly holding

the panel against the rolled edge of the other leg.

70 7. The combination with a plumbing fixture having a splash rim of means for joining a wall panel to said fixture, comprising a member secured to said splash rim and having legs extending upwardly therefrom to form a recess therebetween for receiving the end of a wall panel, one of said legs being provided with an inwardly extending bend for engaging the end of said panel and yieldingly holding it against the other leg of said member.

80 In testimony whereof, I have hereunto subscribed my name this 30th day of July, 1931.  
HENRY M. REED, JR.

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