

B. MARTIN.

SINK FRAME.

APPLICATION FILED NOV. 24, 1909.

Patented May 24, 1910.

959,437.

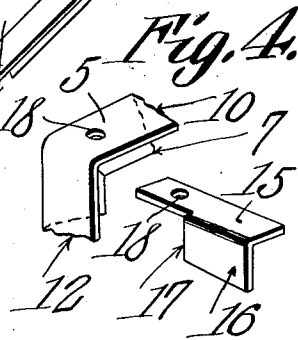
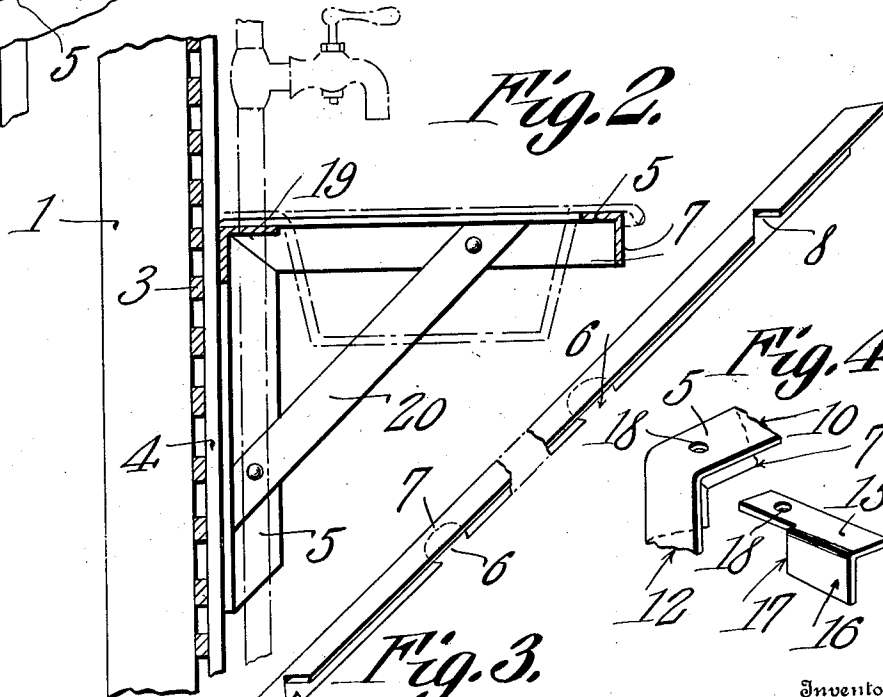
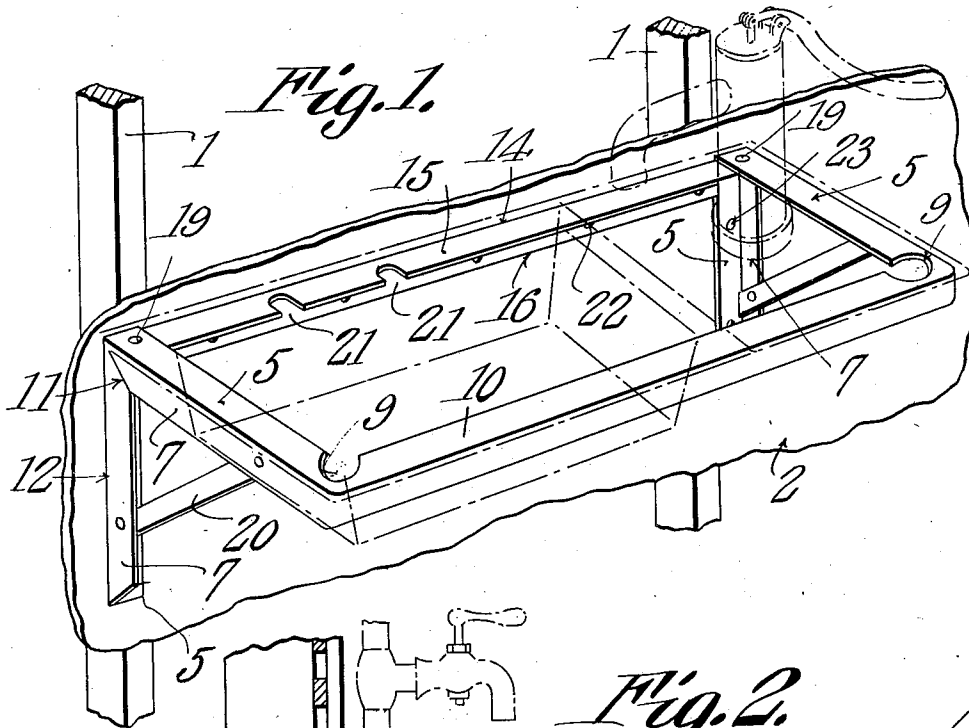


Fig. 3.

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SINK-FRAME.

959,437.

Specification of Letters Patent.

Patented May 24, 1910.

Application filed November 24, 1909. Serial No. 529,757.

To all whom it may concern:

Be it known that I, BRADY MARTIN, a citizen of the United States, residing at Lansing, in the county of Ingham and State of Michigan, have invented a new and useful Sink-Frame, of which the following is a specification.

It is the object of this invention to provide, in a simple, merchantable, and inexpensive form, a bracket, adapted preferably to be mounted upon the studding of a building, for the support of a sink, a pump, and the like, the bracket being peculiarly adapted for the use of plumbers and sanitary engineers.

With the above, and other objects in view, the invention consists in the novel construction and arrangement of parts hereinafter described, delineated in the accompanying drawings, and specifically claimed; it being understood, that, since the drawings show but one form of the invention, changes, properly falling within the scope of what is claimed, may be made, without departing from the spirit of the invention.

Similar numerals of reference are employed to denote corresponding parts throughout the several figures of the drawings, wherein:—

Figure 1 shows the invention in perspective mounted upon the wall of a building; Fig. 2 is a vertical transverse section of the showing of Fig. 1, parts being in elevation; Fig. 3 is a detail perspective of one of the members which enter into the construction of the bracket, the member being extended at full length and shown in the form which it will occupy previous to being bent into the desired shape; and Fig. 4 is a detail perspective adapted to illustrate more clearly than in the preceding figures, the manner in which the tie is adapted to be assembled with other portions of the bracket.

In the following description, the term "angle iron" is used, the same being employed in its commonly accepted sense, to define the shape of one of the members of the brackets, and not as a term of limitation, to signify, that, of necessity, the said member must be fashioned from iron, any other flexible metal being equally applicable for the purpose.

In the drawings, in order to illustrate clearly the application of the device, the studding 1 of a building is shown, upon

which is superposed the wall structure 2, the same consisting, as shown in Fig. 2 of the drawings, of laths 3 and the plaster 4.

The primary element of the structure consists of a length of angle iron, in one flange 6 of which there are V shaped notches 8. In the other flange 5 of the angle iron, between the notches 8, are other, arcuate notches 6.

In order to fashion the bracket, the angle iron is, in the first instance, bent in a common plane so that the edges of the notches 6 will close partially together as shown at 9. This operation will result in the formation of the platform 10 of the bracket. The ends of the angle iron are then bent at right angles to the plane of the platform 10, to form legs 12, the notches 8 closing together as shown at 11.

A tie 14 is provided, and this tie is likewise fashioned from a length of angle iron. Referring to Fig. 4 of the drawings, it will be seen that one flange 15 of the tie 14 is adapted to extend beneath the flange 5 of the platform 10 adjacent the legs 12, the other flange 16 of the tie 14 being cut away as denoted by the numeral 17 to form a shoulder adapted to receive the flange portion 5 of the leg 12, the flange 15 of the tie 14 and the flange 5 of the platform 10 being provided with openings 18, adapted to receive retaining elements 19, whereby the tie 14 may be assembled with the platform 10.

For the support of the platform 10, diagonally disposed braces 20 are provided. These braces 20 at their upper ends are secured in any desired manner to the flange 7 of the platform 10, and at their lower ends, are secured to the flange 7 of the legs 12.

At any suitable points, the flange 15 of the tie 14 is provided with notches 21 adapted to receive the hot and cold water pipes, it being recalled that the device is primarily useful in supporting a sink or the like. Openings 22 may be provided in the flange 16 of the tie 14, whereby if desired, the bracket, through the medium of the tie, may be mounted upon the wall 2. The flanges 5 of the legs 12 are also provided with openings, denoted by the numeral 23, whereby retaining elements may be inserted through the legs 12 into the studding 1, the device being, if desired, of such dimension that the legs 12 shall aline with the studding 1.

Owing to the fact that the notches 8 are V shaped, they close closely together as shown in Fig. 1, the edges of the flange 7 abutting. By this construction, the strength of the device is increased, the same being better adapted to support any weight which may be superposed upon it. As there is no specific advantage in having the edges of the flange 5 come into abutment adjacent the notches 6 therein, these notches are made arcuate, defining in the platform 10, the openings shown at 9, which said openings are adapted to receive screws, lugs or the like, whereby the article which is superposed upon the platform 10 may be assembled therewith.

Having thus described the invention, what is claimed is:—

1. A supporting bracket fashioned from an angle iron having a pair of notches in one of its flanges and a pair of notches in its other flange located between the first named notches, the angle being bent in a common plane at the last named notches to define the platform of the bracket, and being bent at the first named notches to form legs

disposed normal to the plane of the platform.

2. A supporting bracket fashioned from an angle iron having a pair of notches in one of its flanges and a pair of notches in its other flange located beneath the first named notches, the iron being bent in a common plane at the last named notches to define the platform of the bracket, and being bent at the first named notches to form legs disposed normal to the plane of the platform; a tie fashioned from angle iron, one flange thereof being terminally extended beneath the platform adjacent the legs, the other flange thereof being terminally cut away to form a shoulder to receive the legs; and retaining elements connecting the platform with the flange of the tie member therebeneath.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

BRADY MARTIN.

Witnesses:

WM. C. BROWN,
CLARK C. WEED.