

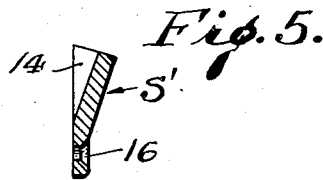
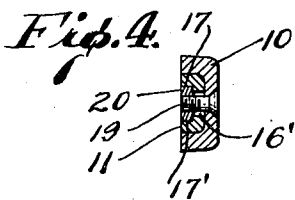
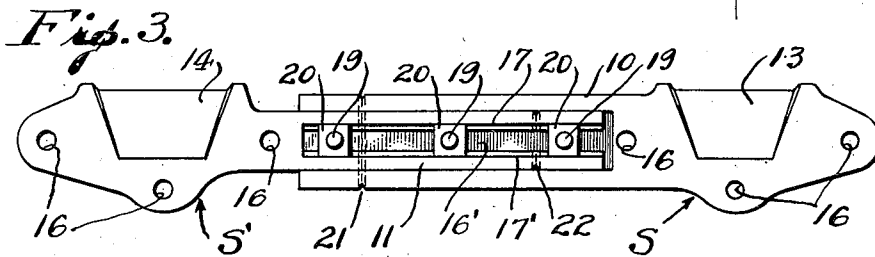
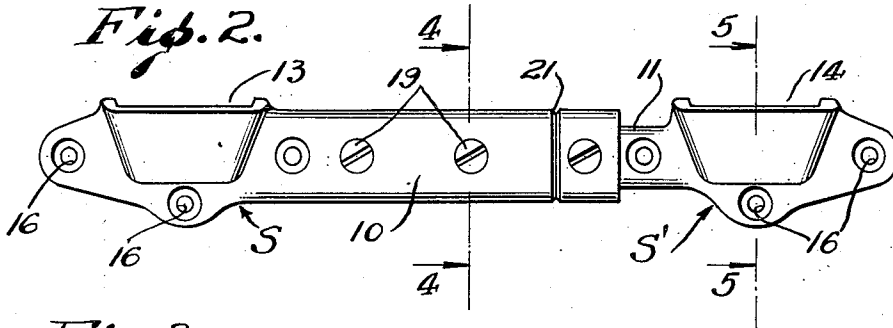
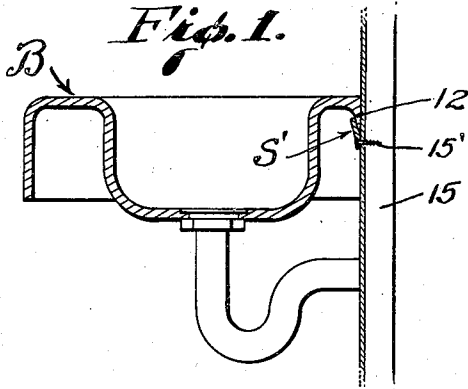
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ADJUSTABLE HANGER SUPPORT FOR BASINS AND THE LIKE

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ADJUSTABLE HANGER SUPPORT FOR
BASINS AND THE LIKE

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4 Claims. (Cl. 4—170)

My invention relates to an improved adjustable hanger support for basins, kitchen sinks, laundry tubs and the like.

Porcelain kitchen sinks and laundry tubs, as for example, are now preferably constructed in one piece, i. e., the sink proper and the back wall are cast integral with each other and the upper edge of the back section is provided with depending lugs which are received in recesses formed in a hanger support or bracket that is secured to a wall, to thereby support the entire sink or tub in position adjacent a room wall. Heretofore, it has been necessary to supply a separate hanger support having recesses spaced apart a predetermined distance with each kitchen sink, laundry tubs, or wash basin, to accommodate the predetermined spacing of the lugs thereon. This has occasioned the plumber or the supply house to carry on hand a large quantity of hangers having various distances between the recesses therein in order to supply a hanger to accommodate the article to be supported; and an object of this invention is to provide a novel and simple adjustable hanger support for such articles whereby a single adjustable support or hanger may be provided that may be easily and quickly adjusted to accommodate or receive the lugs of articles of this class whether of the shortest or largest spacing that may be found on such articles.

Another object of the invention is to provide a novel hanger support of the above character that will provide maximum rigidity and strength when used with large sized sinks, basins, etc., and which may be easily and quickly changed to accommodate the smallest size of basin, sink, etc., and also provide for maximum rigidity and strength when so used.

The invention includes the parts, novel details of construction, and combinations of parts, hereinafter more fully described, illustrated in the accompanying drawing, and pointed out in the claims.

Other objects, advantages and features of invention may appear from the accompanying drawing, the subjoined detail description, and the appended claims.

The accompanying drawing illustrates the invention in a form I at present deem preferable.

Figure 1 is a vertical section through a wall and my hanger and a basin that is secured thereto. The section is taken on an irregular line to show the relative cooperation of the parts.

Fig. 2 is a front elevational view of an adjust-

able hanger support constructed in accordance with my invention.

Fig. 3 is a rear elevational view of the same.

Fig. 4 is a transverse sectional view on line 4—4, Fig. 2 looking in the direction of the arrows.

Fig. 5 is a transverse sectional view on line 5—5, Fig. 2 looking in the direction of the arrows.

My invention in its present embodiment comprises a bracket in the form of two metallic socket members or sections S and S' having co-acting means by which they are extensibly associated, this co-acting means in the present instance comprises arms 10 and 11 projecting from the respective members and being of channel section as shown in Fig. 4 so as to be capable of nesting and sliding one within the other.

The members S and S' are respectively provided with means for receiving and confining one of a pair of attaching tongues 12 provided on the face of a conventional basin, lavatory or tub B, and this means comprises wedge shaped sockets 13 and 14 into which the tongues are adapted to be jammed when the bracket is secured to studs 15 or other supports in a wall, by fastening members such as screws 15', passed through openings 16 in the members and secured in the wall or studding 15, so as to rigidly support the basin or other fixture on the wall.

The extensible connection provided by the arms 10 and 11 correlates the sections S and S' for relative adjustment enabling the distance between the tongue receiving sockets 13 and 14 of the respective sections to be varied in order to compensate for wide variations in the spacing of the attaching tongues 12 of different models, sizes and manufactures of basins and other fixtures.

The arm 11 of the section S' is provided with a longitudinal slot 16' and longitudinal grooves 17, 17' paralleling the slot at opposite sides thereof for the reception of opposite side edges of nuts 20 in order to confine the latter against rotation. The arm 10 of the section S is provided with a plurality of openings 18 at spaced intervals along its length and through which the shanks of headed screws 19 are adapted to be passed and extended through the slot 16' and into the nuts 20 which seat in the grooves 17, 17' and co-act with the screws when tightened, to rigidly clamp the arms together and thereby rigidly secure the sections to each other in the position to which they are adjusted.

The arms 10 and 11 are transversely grooved

as indicated respectively at 21 and 22 so as to structurally weaken the arms sufficiently for the free end portions thereof to be readily broken off in order to reduce the length of each arm and thereby enable additional adjustment of the arms towards each other to be effected, thus permitting the distance between the sockets 13 and 14 of the respective members to be decreased beyond that minimum possible with the arms at their original lengths. The range of relative adjustment of the sections is sufficient to enable the hanger to be utilized as a support irrespective of variations in spacing of the attaching tongues of different plumbing fixtures met with in practice, thus obviating the necessity of providing a stock of hangers of different sizes as well as eliminating delay resulting in the event that hangers delivered to a location for installation do not fit or match the spacing of the attaching tongues of the fixtures.

It will be manifest that in installing a basin for example, that the sections of the hanger provided, are first adjusted to match the spacing of the sockets 13 and 14 with that of the tongues 12 by applying the hanger to the basin. The sections are now temporarily held against relative adjustment, and the screws 19 tightened until the arms are fixedly clamped together. The rigid unitary structure now formed by the sections of the hanger is applied to the wall at the desired location, and is permanently secured in place by the screws 15'. The basins can now be applied to the hanger with the assurance that the latter will accurately fit the fixture.

I claim:

1. A support for a basin or the like, comprising two socket members each having a channel shaped arm in nested and sliding relation to the arm of the other member for relative adjustment of the members in order to enable the distance between the sockets of the members to be varied; the arm of one member having a longitudinal slot, and the arm of the other member having openings; screws passing through the openings and slot; and nuts on the screws op-

enable when tightened to co-act with the screws to rigidly clamp the arms together.

2. A support for a basin or the like, comprising two socket members each having a channel shaped arm in nested and sliding relation to the arm of the other member for relative adjustment of the members in order to enable the distance between the sockets of the members to be varied; the arm of one member having a longitudinal slot and grooves adapted to receive opposite edges of a nut to confine the latter against rotation; the other of said arms having openings; screws passing through said openings and slot; and nuts on the screws seating in said grooves for operation when the screws are tightened to co-act with the screws to rigidly clamp the arms together.

3. A support for a basin or the like, comprising two socket members each having an arm extensibly associated with the arm of the other member to vary the distance between the sockets of the members; the arms being structurally weakened intermediate their ends so as to enable portions of the arms to be broken off for additional adjustment of the sockets and arms towards each other and to thereby decrease the distance between the sockets of the respective members beyond that possible with the arms at their original lengths; and means co-acting with the arms to rigidly connect the members in any one of various positions of adjustment.

4. A hanger support for basins comprising two socket members each having a channel shaped arm in nested and sliding relation to the arm of the other member for relative adjustment of the members in order to enable the distance between the sockets of the members to be varied; the arms being transversely grooved intermediate their ends so as to structurally weaken the arms to permit said arms to be broken off at such transverse grooves and thereby enable additional adjustment of the arms and sockets towards each other; and means co-acting with the arms to rigidly connect the members in any one of various positions of adjustment.

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