W. J. DALY.

SINK FRAME BRACKET.

APPLICATION FILED MAY 3, 1911.

1,006,361. **Patented Oct. 17, 1911.**

Fig. 1.

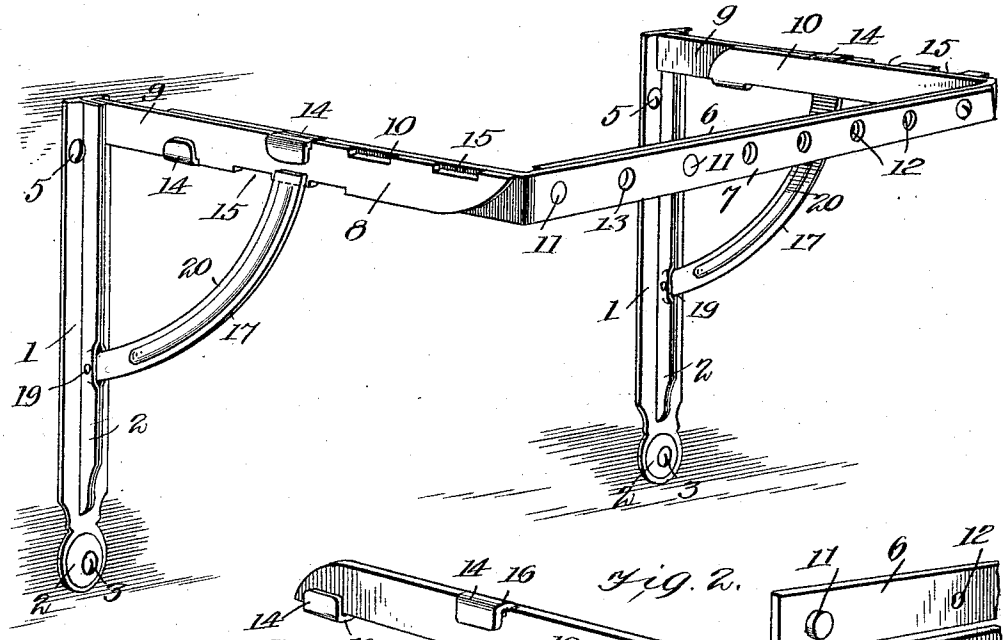


Fig. 2.

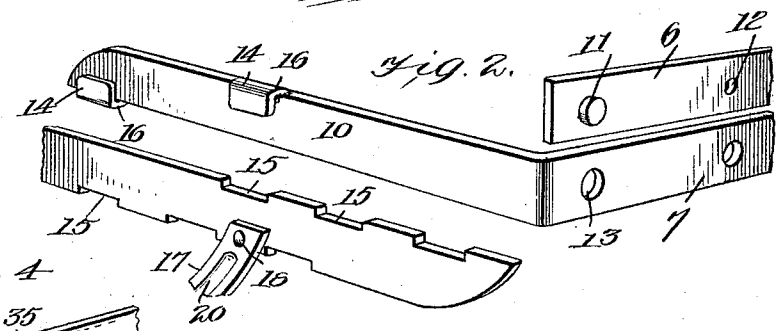


Fig. 4

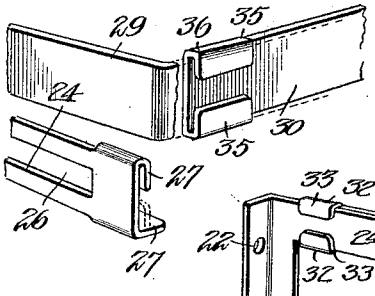
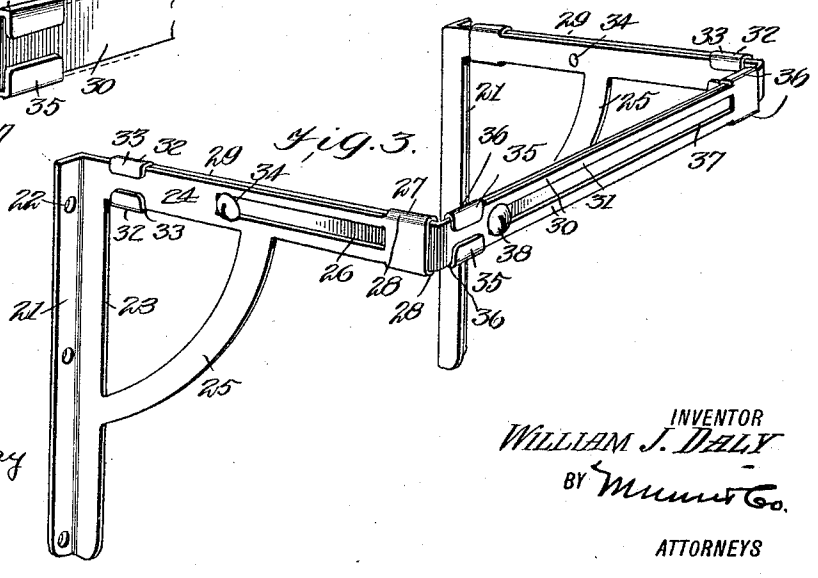


Fig. 3.



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SINK-FRAME BRACKET.

1,006,361. Specification of Letters Patent. Patented Oct. 17, 1911.

Application filed May 3, 1911. Serial No. 624,807.

To all whom it may concern:

Be it known that I, WILLIAM J. DALY, a citizen of the United States, and a resident of Mason City, county of Cerro Gordo, and State of Iowa, have invented certain new and useful Improvements in Sink-Frame Brackets, of which the following is a specification.

My invention is an improvement in sink frame brackets, and has for its object the provision of a bracket of the character specified, especially adapted for supporting sinks, and which may be expanded or contracted, to fit sink frames of varying sizes, and wherein means is provided for locking the parts in adjusted position.

In the drawings, Figure 1 is a perspective view of the bracket, Fig. 2 is an enlarged detail perspective view of one side of the bracket, Fig. 3 is a perspective view of a modified form of the improvement, and Fig. 4 is an enlarged detail perspective view of one corner of the same.

In the embodiment of the invention shown in Figs. 1 and 2, the improvement comprises a pair of spaced vertically arranged plates or uprights 1, each of which is provided on its front face with a central longitudinal rib 2, and each rib is double, as shown, that is, composed of superposed sections.

The lower end of each plate is cut away to form an approximately circular lug 2, having a central perforation for receiving a screw 3, by means of which the upright may be held to a support. The plate is also provided with an opening on each side of the rib, near its upper end, for receiving screws 5 for a like purpose.

A frame composed of a front and ends is supported by the uprights. The said frame is composed of four sections, two front sections 6 and 7, and two end sections 8 and 9. Each front section is provided with an angular portion or lug 10 at one end, and the sections are oppositely arranged and superposed, with the lugs 10 extending substantially parallel with each other.

The section 6 is provided at spaced intervals on its front face, with cylindrical projections or lugs 11, and between each pair of adjacent lugs, is an opening 12. The section 7 is provided at spaced intervals with openings 13 for receiving the lugs 11, and each of the portions 10 is provided at each edge with lateral lugs 14, each of which is bent to overlie the front face of the portion 10 in spaced relation thereto.

The lugs 14 are offset from each other longitudinally of the portion, the lowermost lug being adjacent to the end of the portion, while the uppermost lug is intermediate the ends of the said portion. The said lugs form guides for embracing the adjacent end section 8 or 9, as the case may be.

The end sections 8 or 9 are similar, each having one end abutted against the face of the adjacent upright 1 on the inner side of the rib 2. Each section is provided on its upper and lower edges, with a series of spaced notches 15. The series on the upper edge extends from the outer end of the section inwardly, while the series on the lower edge extends from the uprights outwardly.

The notches are for engagement by the web 16 connecting the overlying lug 14 with the portion 10. It will be evident that by engaging the lugs with the notches, the sections 6 and 7 are interlocked with the sections 8 and 9. The said sections may be adjusted by moving the sections laterally on each other to disengage the lugs from the notches, and then sliding the sections on each other.

When the lugs are engaged with the notches, the sections are locked in adjusted position. The sections 6 and 7 may also be adjusted on each other, by moving the said sections laterally away from each other to disengage the lugs 11 from the openings 13. When in proper position, the lugs are again engaged with the openings, and the sections are locked in adjusted position.

An arc shaped brace 17 is provided for supporting the frame, and the said brace is preferably grooved longitudinally at 20 to reinforce the brace. The outer end of each brace is riveted at 18 to the adjacent end section, and the lower inner end is seated in a recess 19, provided between the rib portions.

In the embodiment shown in Figs. 3 and 4, an upright is provided at each end of the bracket. Each upright consists of a vertical angle plate having one of its sides 21 provided with openings 22 for receiving screws or the like to hold it to a support. The other side 23 is provided with an integral laterally extending arm 24 at its top connected to the said side near its lower end by an arc shaped brace 25. The arm 24 is longitudinally grooved at 26, and is pro-

vided at its free end with overlying lugs 27, each connected to the arm by a web 28, the lugs forming a guideway in which slides the angular portion 29, of the adjacent front section 30 or 31. The lugs are formed from integral portions of the arm, and are bent into shape, as indicated in Fig. 4. Each of the portions 29 of the sections 30 and 31 is provided at its free end with overlying lugs 32, similar to those of the arm, and each lug is connected to the portion by a web 33. The lugs embrace the adjacent arm 24, and each of the said portions is provided with a screw 34, threaded into an opening in the portion, registering with the slot 26, the head of the screw engaging the opposite face of the arm from the portions 29. The portions 29 are thus slidably connected together, and the sections 30—31 are connected in like manner. Each section is provided, near the junction of the portion 29 therewith, with oppositely arranged overlying lugs 35, connected to the sections by webs 36. The section 31 is longitudinally slotted at 37, and the section 30 is provided with a screw 38, similar to the screw 34, and similarly arranged. The lugs 32 and 35, are tight enough to provide sufficient friction to prevent the free movement of the sections on each other and on the arms 24, but are loose enough to permit the said sections and arms to be moved when desired. After the sections are adjusted with respect to each other in the construction shown in Figs. 3 and 4, the screws may be tightened, thus locking all the parts firmly together.

What I claim is:

1. A bracket of the character specified, comprising a pair of spaced uprights, having means whereby they may be secured to a support, each upright having a longitudinal rib on one face, an arm extending outwardly from the upper end of each rib, and a sectional bar connecting the arms, each section of the bar having an angular portion at the outer end lying alongside the adjacent arm, each of the said angular portions having oppositely arranged overlying flanges at its free end embracing the arm and slidable thereon, each section lying alongside the other section and slidable thereon, and means for securing the sections in adjusted position, said means comprising spaced lugs on one section, the other section having openings for engagement by the lugs, said arms each having spaced notches for engagement by the lugs of the angular portions.

2. A bracket of the character specified, comprising a pair of spaced uprights having means whereby they may be secured to a support, each upright having an arm extending outwardly from the upper end thereof, and a sectional bar connecting the arms, each section of the bar having an angular portion at its outer end lying alongside the adjacent arm, each of the said angular portions having oppositely arranged overlying flanges at its free end embracing the arm and slidable thereon, each section lying alongside the other section and slidable thereon, and means for securing the section in adjusted position, said means comprising spaced lugs, on one section, the other section having openings for engagement by the lugs.

3. A bracket of the character specified, comprising a pair of spaced uprights having means whereby they may be secured to a support, each upright having an arm extending outwardly from the upper end thereof, said arm having oppositely arranged overlying flanges at its outer end, and a sectional bar connecting the arms, each section of the bar having an angular portion at its outer end lying alongside the adjacent arm and embraced by the flanges thereof, each of the said angular portions having oppositely arranged overlying flanges at its free end embracing the arm and slidable thereon, each section having oppositely arranged overlying flanges at the opposite end from the angular portion embracing the other section and slidable thereon, the arms and one of the sections having longitudinal slots, and the other section and the angular portions having headed lugs for engaging the slots.

4. A bracket of the character specified, comprising a pair of spaced uprights having means whereby they may be secured to a support, each upright having an arm extending outwardly from the upper end thereof, said arm having oppositely arranged overlying flanges at its outer end, and a sectional bar connecting the arms, each section of the bar having an angular portion at its outer end lying alongside the adjacent arm and embraced by the flanges thereof, each of the said angular portions having oppositely arranged overlying flanges at its free end embracing the arm and slidable thereon, each section having oppositely arranged overlying flanges at the opposite end from the angular portion embracing the other section and slidable thereon.

5. A bracket of the character specified, comprising a pair of spaced uprights, having means whereby they may be secured to a support, each upright having an arm extending outwardly from the upper end thereof, said arm having oppositely arranged overlying flanges at its outer end, and a sectional bar connecting the arms, each section having overlying flanges at one end embracing the other section, and an angular portion at the opposite end lying alongside the adjacent arm and slidable in the flanges, each angular portion having oppositely arranged overlying flanges at its free end embracing the arm.

6. A bracket comprising a pair of spaced uprights each having an outwardly extend-

ing arm at its upper end, and a sectional bar connecting the arms, said sections being slidable on each other and each having an angular portion at its outer end lying alongside the adjacent arm and slidable thereon, and means in connection with the sections and arms for holding them in position alongside each other, said means comprising oppositely arranged lugs on the section and on the arms overlying the other section, the angular portions, and the arms.

7. A bracket comprising a pair of spaced uprights each having an outwardly extending arm at its upper end, and a sectional bar connecting the arms, said sections being slidable on each other, and each having an angular portion at its outer end lying alongside the adjacent arm and slidable thereon, and means in connection with the sections, and arms, for holding them in adjusted position alongside each other.

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Witnesses:
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