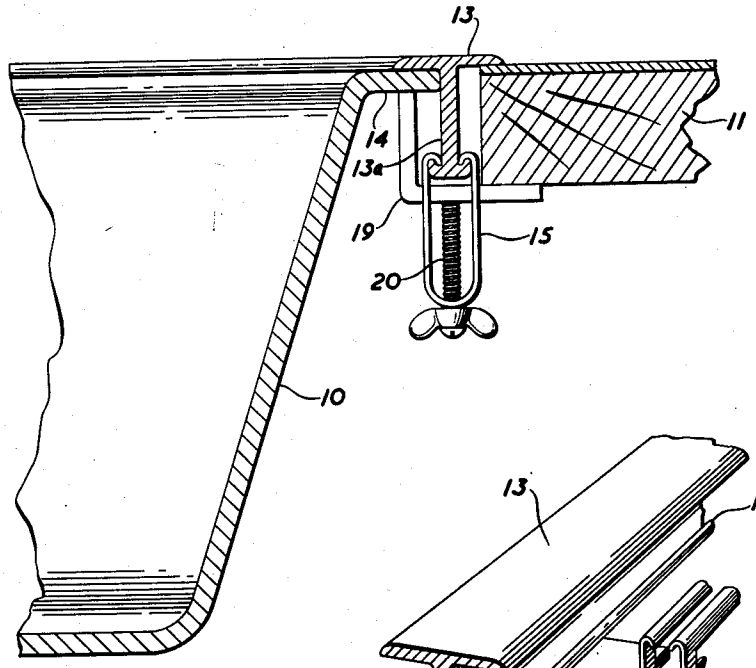
May 25, 1954 J. S. WALSH 2,679,052

SINK MOUNTING RIM

Filed June 16, 1953

FIG. 1



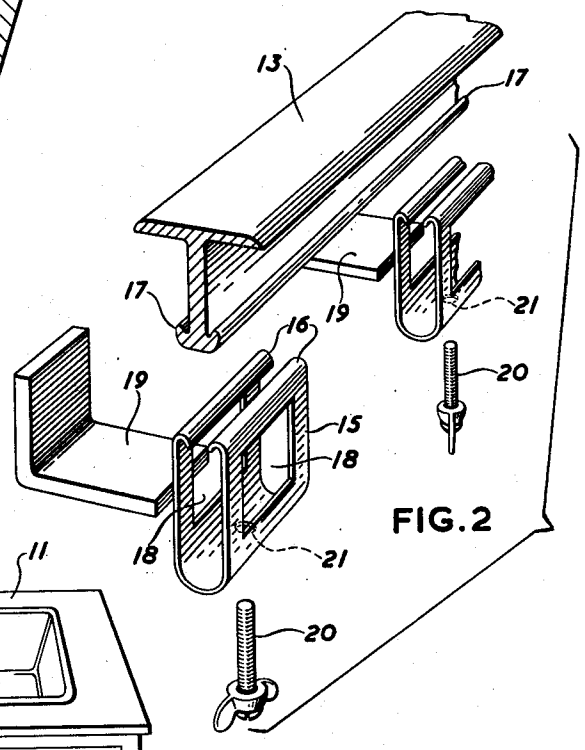
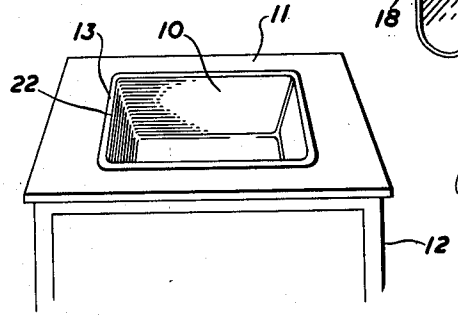


FIG. 2

FIG. 3



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SINK MOUNTING RIM

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4 Claims. (Cl. 4—187)

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This invention generally relates to a means for mounting a sink of the flat rim type within an opening in a drainboard, cabinet top, or other supporting structure.

Various means have been provided in the past for mounting sinks in the flat rim type in supporting structures. Many of them have comprised a moulding with a T-shaped cross-section that extends around the sink rim in combination with a clamp that carries a tightening means for engagement with either the sink or the drainboard. My invention also relates to this general type of mounting means, that is, one having a molding and a clamp, but my present invention differs from those previously known in that the means for tightening the clamp member is carried by a yoke that depends from the moulding itself. This is an advantage because it simplifies the construction of the clamping member and results in an overall construction that is simple to use from the point of view of the workman. With my invention, the workman merely has to insert a clamping member through an enlarged opening in the yoke after the sink rim has been located between the sink and the drainboard. No hooking of clamping members to the moulding, or threading of bolts into openings, is necessary once the T-shaped rim is located. This is a substantial advantage when it is considered that the workman is, in many cases, working underneath a table surface where he cannot actually see.

The invention will be clearly understood after reference to the following detailed specification read in conjunction with the drawings.

In the drawings:

Figure 1 is a sectional view taken through a sink and sink supporting structure, illustrating the sink mounting means according to the present invention;

Figure 2 is an exploded view illustrating the component parts of the sink mounting means according to the present invention; and

Figure 3 is a perspective view illustrating a sink mounted within a supporting structure with the sink mounting means according to the present invention.

Referring to the drawings, the numeral 10 indicates a sink of the flat rim type mounted in the drainboard 11 of a cabinet 12.

My invention relates to a means for mounting the sink 10 on the drainboard 11 and it comprises a moulding 13 adapted to extend around the entire outer edge of the sink as illustrated in Figure 3. The moulding illustrated has a T-

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shaped cross-section. In use, the top of the moulding overlies the marginal edges of the drainboard 11 and of the flat rim 14 of the sink 10 as illustrated in Figure 1 of the drawings. The moulding, of course, extends entirely around the sink as illustrated in Figure 3 of the drawings. The moulding shown has a leg 13a that extends downwardly between the edge of the drainboard 11 and rim 14 of the sink 10 as illustrated in Figure 1 of the drawings.

According to this invention, a U-shaped yoke 15 having hooked extremities as at 16 hooks onto the hook-like formation 17 at the lower extremity of the leg on the under side of the moulding 13 to depend downwardly therefrom in use as illustrated in Figure 1.

The sides of yoke 15 are formed with aligned openings 18 through which can be inserted the clamping member 19. Openings 18 have a depth substantially greater than the thickness of the clamping member whereby the clamping member can be caused to be tightened against the sink rim 14 and the under side of the drainboard 11 as the threaded bolt 20 is threaded upwardly through the threaded hole 21 in the yoke 15. As illustrated in Figure 1, one end of the clamping member 19 engages with the under side of the sink rim and the other end engages with the under side of the drainboard 11.

To accommodate the difference in thickness of the drainboard 11 and the flat sink rim 14 the clamping member 19 is preferably made in an L-shape.

In use, the sink is supported within the opening in the drainboard 11 and the moulding leg 13a is dropped into the space between the sink rim 14 and the drainboard 11. Yokes 15 are sprung onto the lower extremity of the leg of the moulding 13 at spaced apart intervals thereabout of between three and seven inches to depend in a downward direction as indicated in Figure 1. The yokes 15 are preferably made of a resilient but bendable metal so that they can be flexed with the fingers from a spread position to hookedly engage with the lower end of the moulding 13 as illustrated. Alternatively, they could be made rigid and slid onto the hook formation 17 of the moulding 13 at its free end. It will be appreciated that the two ends of the moulding butt as at 22. The clamp tightening screw 20, of course, is threaded into the hole 21 that extends from the lower edge of the yoke 15 to the through opening provided by openings 18 before the yoke is hooked to the lower extremity of the moulding 13. The clamping members 19 are then inserted

through the aligned openings 18 in the yoke and the bolt 20 is tightened so that the free upper end thereof engages the under side of clamping member 19 and forces it into tight clamping contact with the under side of the sink rim 14 and the under side of the sink supporting structure 11 whereby the upper end thereof sustains the clamping member between its ends.

Embodiments of my invention other than the one shown will be apparent to those skilled in the art and it is not my intention that my claims should be limited thereto. The essence of the invention is the provision of a yoke that depends in a downward direction from the moulding 13 and carries the clamp tightening and sustaining bolt 20 and further has provision for accommodating the clamping member 19.

What I claim as my invention is:

1. In a device for mounting a sink in an opening in a supporting structure, a moulding, the longitudinally extending merginal edges of which are adapted to overlie adjacent edges of the sink rim and supporting structure; a clamping member having one end for engaging the under side of a sink supporting structure and its other end for engaging the under side of a sink rim, a yoke detachably mountable on said moulding to depend from the under side of said moulding and extend between said sink rim and supporting structure in use; an adjustable sustaining and tightening means for said clamping member carried by said yoke, the upper end thereof being adapted for operative engagement with said clamping member between the ends of the latter member to sustain it; said yoke being formed with a through opening to receive said clamping member with the ends of said clamping member underlying opposite marginal edge portions of said moulding, said opening having a depth greater than the thickness of said clamping member, said sustaining and tightening means on said yoke comprising a threaded bolt, said yoke being formed with a threaded hole extending from the bottom thereof to said opening to threadedly receive said bolt whereby said clamping member can be tightened towards the under side of said moulding as said bolt is threaded into said threaded hole.

2. A device for mounting a sink in an opening of a supporting structure as claimed in claim 1 in which said clamping member is L-shaped, the base of the L being adapted to account for the difference in thickness between said supporting structure and the rim of said sink.

3. A device for mounting a sink in an opening as claimed in claim 1, in which said moulding is T-shaped and has a leg depending from the under side thereof which in use lies between the edge of said sink rim and said supporting structure, the lower end of said leg of said moulding being formed with laterally extending hook-like projections, said yoke having a U shape with the free ends thereof hooked inwardly for engagement with the hook formation on the lower extremity of said leg.

4. A device for mounting a sink in an opening as claimed in claim 1, in which said moulding is T-shaped and has a leg depending from the under side thereof which in use lies between the edge of said sink rim and said supporting structure, the lower end of said leg of said moulding being formed with laterally extending hook-like projections, said yoke having a U shape with the free ends thereof hooked inwardly for engagement with the hook formation on the lower extremity of said leg, said clamping member having an L shape, the base of the L being adapted to account for the difference in thickness between said supporting structure and the rim of said sink.

No references cited.