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B. H. ROSS ET AL

2,665,430

SEALING RIM FOR KITCHEN SINKS

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FIG. 1.

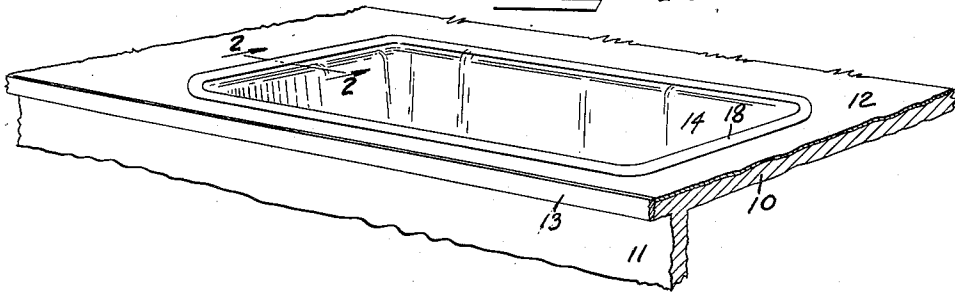


FIG. 3.

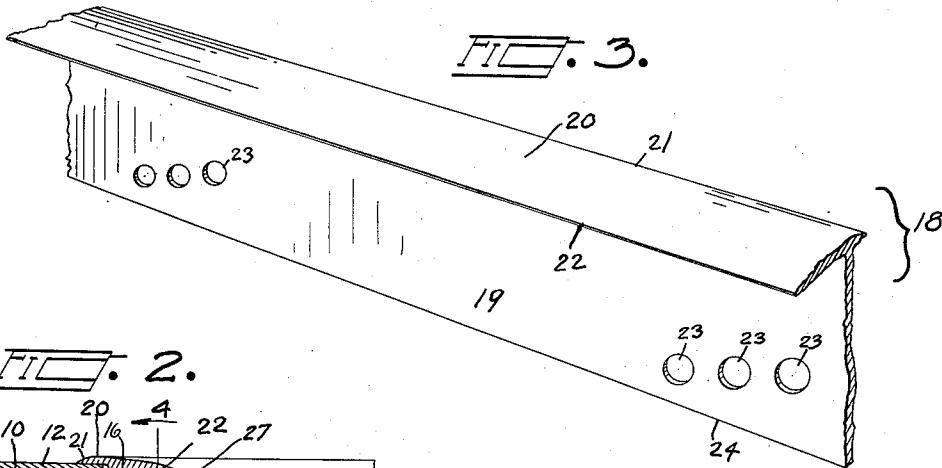


FIG. 2.

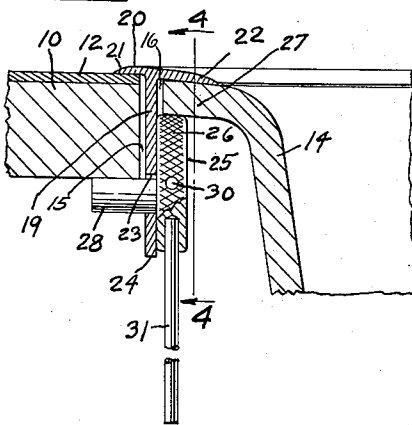
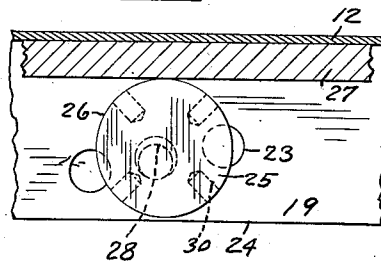


FIG. 4.



INVENTORS  
BUDD H. ROSS  
ALFRED C. JENSEN  
BY *E. J. Birkenhead*  
ATTORNEY

## UNITED STATES PATENT OFFICE

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## SEALING RIM FOR KITCHEN SINKS

Budd H. Ross, Tillamook, and Alfred C. Jensen,  
Portland, Oreg.

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5 Claims. (Cl. 4—187)

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This invention relates generally to the laying of linoleum and particularly to a sealing strip to be placed around a sink recessed into a linoleum covered surface.

The main object of this invention is to provide an improved form of sealing strip which will be effective in sealing the joint between the sink and the linoleum and which can be applied in a fraction of the time ordinarily required for such operations.

The second object is to so construct the rim that it will be easy to manufacture and in which there are no parts which may be easily rendered inoperative by severe usage.

A further object is to avoid the use of slow operating screws for clamping and also to avoid the necessity of bending stresses in the clamping parts or in the rim itself.

We accomplish these and other objects in the manner set forth in the following specification as illustrated in the accompanying drawing, in which

Fig. 1 is a perspective view of a sink mounted on a drainboard with the rim in place.

Fig. 2 is a fragmentary section taken along the line 2—2 in Fig. 1.

Fig. 3 is a fragmentary perspective view of a section of the rim.

Fig. 4 is a fragmentary section taken along the line 4—4 in Fig. 2.

Like numbers of reference refer to the same or similar parts throughout the several views.

Referring in detail to the drawing, there is shown a common form of table top 10 with a supporting apron 11. The table 10 is covered with linoleum or other material 12, the front edge having a decorative trim 13. A sink 14 is to be mounted in the top 10 within an opening 15 provided therefor, there being a space 16 between the sides of the opening 15 and the outer edge 17 of the sink 14.

Referring particularly to our invention, it consists of a T-shaped rim 18 having the vertical tongue 19 and a somewhat sloping convex bead 20, whose narrower edge 21 rests upon the linoleum 12 while its longer edge 22 rests upon the top surface of the sink 14.

The tongue 19 is provided with groups of holes 23, the holes in each group being spaced differently from the edge 24 of the tongue 19. At each group of holes 23 is disposed a clamping disk 25, whose knurled edge 26 engages the under edge of the sink rim 27. Each disk 25 is provided with an eccentric shaft 28 which can pass freely into any of the holes 23 which happen

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to be below the lower side 29 of the table top 10. The disk 25 is provided with a plurality of radial holes 30 into which may be inserted an operating pin 31.

In the operation of the device it is only necessary to position the sink in place within the opening 15 and insert the rim 18 with its tongue 19 foremost into the space 16. The clamping disks 25 are then put into place with their pins 28 in the hole 23 nearest the under side 29 of the top 10. Pins 31 are inserted into the holes 30 and the clamping disks 25 revolved to force the sink rim 27 against the longer edge 22 of the rim 18 and drawing the edge 21 of the rim 18 down upon the linoleum 12.

In actual practice, the final portion of the tightening should be gradual. It can be seen from the foregoing that the tongue 19 has no bending stresses whatsoever but supports the sink 14 by direct downpull. When the installation is complete, the pins 31 are removed as they are of no further use.

We are aware that numerous forms of bead mounting devices have been constructed in the past. It is, therefore, not our intention to cover such devices broadly, but we do intend to cover all such forms and modifications of the device as fall fairly within the appended claims.

We claim:

1. A rim for sealing kitchen sinks comprising a rectangular band of T-shaped cross section having a vertical tongue adapted to be inserted into the space between a kitchen sink and the opening provided therefor, the lower portion of said tongue having a hole therein, an eccentric clamping disk having a shaft extending loosely through said hole and means for rotating said disk.

2. A sealing bead for kitchen sinks comprising a rectangular tongue of T-shaped cross section, the upright portion of the T being vertical and the head portion of the T extending on both sides thereof, the lower portion of said tongue having holes formed therein, eccentric disks each of which has a shaft journaled in one of said holes and a pin removably mounted in said disks for imparting rotation thereto.

3. The rim as described in claim 2 characterized by having the rim of said disk knurled and the side of said disk adjacent to said tongue in engagement therewith.

4. A sealing band for kitchen sinks comprising a vertical tongue extending around the periphery of a sink and below the bottom of the surface on which it is mounted, the upper edge of

said tongue having a sloping T head, the higher portion of which rests upon a supporting table structure and the lower portion of which rests upon the sink, and an eccentric clamp between the under side of the sink flange and the lower edge of the tongue.

5. The combination of a T-shaped rim with an eccentric clamping disk journalling along the lower edge of the main stem of the T, said clamping disk having a knurled exterior and having 10 pin holes formed in the knurled surface, and an operating pin insertable in said pin hole for imparting limited rotation to said disk.

BUDD H. ROSS.

ALFRED C. JENSEN. 15

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