Oct. 5, 1926. 1,602,261

S. A. HILL

KITCHEN RECEPTACLE

Filed Jan. 24, 1924

Fig. 1

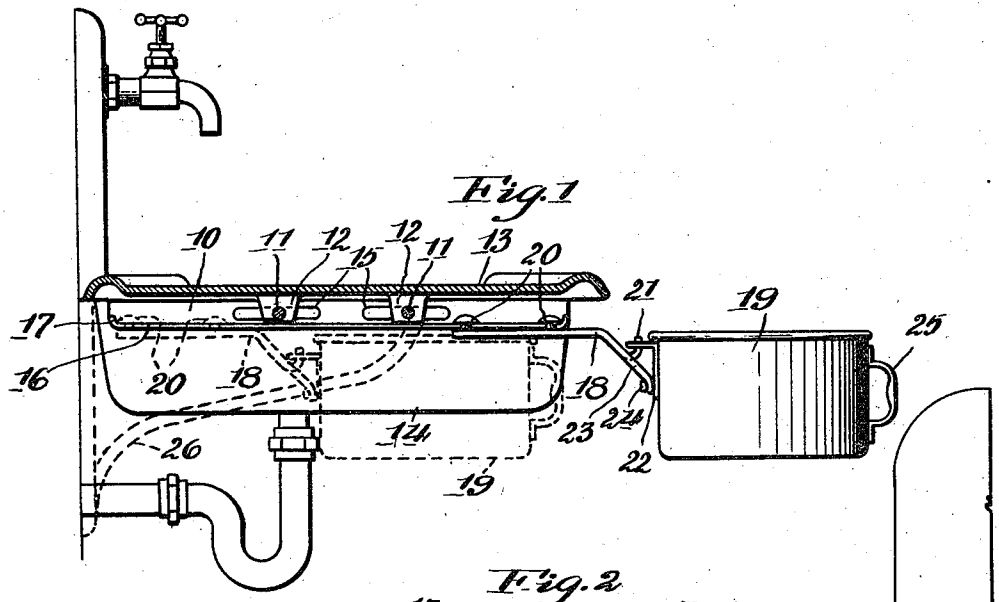


Fig. 2

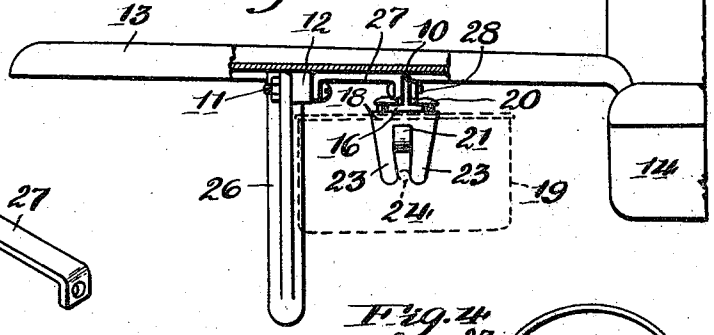


Fig. 3

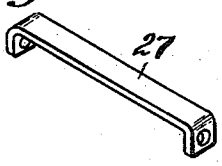
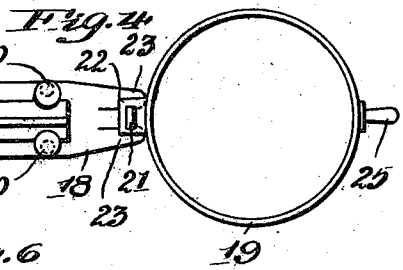


Fig. 4



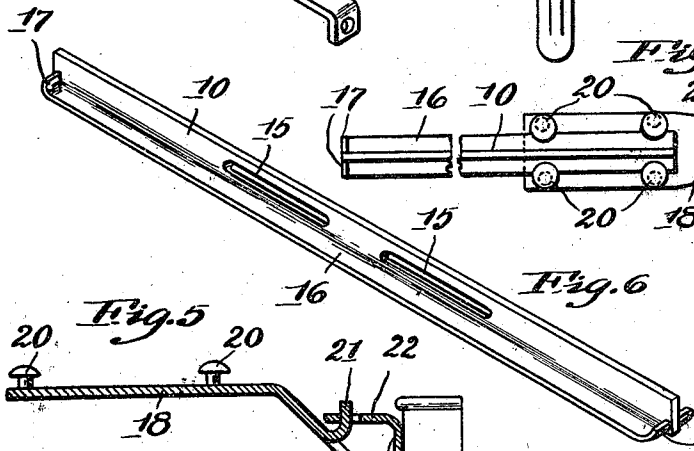
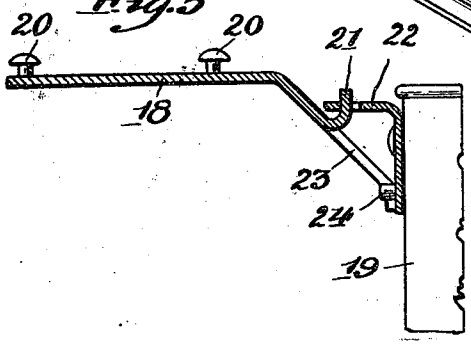


Fig. 6

Fig. 5



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UNITED STATES PATENT OFFICE.

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KITCHEN RECEPTACLE.

Application filed January 24, 1924. Serial No. 688,329.

This invention relates to a sliding receptacle, particularly, although not exclusively, adapted to receive garbage and to be attached beneath the drain board of a kitchen sink.

Heretofore, as is well known, it has been customary to provide foraminous garbage receptacles which are merely placed in or hung over kitchen sinks. As much of the refuse for which these receptacles are intended consists of small particles, which pass through the sieve-like bottoms of the receptacles and then into the drain pipe, this practice frequently results in clogging the drain with resulting inconvenience and expensive repairs. Further, the garbage receptacles in common use are unsightly, occupy valuable space, and cause damage to the sink by wearing or defacing the enamel surface thereof.

It is my object to obviate these undesirable characteristics by providing means adapted to support a refuse receptacle on the bottom of a drain board where it is concealed and out of the way when not in use, but instantly available when required.

A further object is to provide a slidable holder for a device of this kind adapted to be quickly and easily secured to any of the common types of kitchen sinks.

Another object is to provide in a device of this kind a bracket which will securely engage the receptacle and at the same time permit it to be easily detached to be dumped or cleansed. This invention also includes certain other novel features of construction which will be hereinafter more fully pointed out.

Referring to the accompanying drawings which illustrate the best form of my device at present known to me; Figure 1 is a side elevation of the receptacle and slide therefor mounted on a kitchen sink of common type, a portion of the drain board flange and wall bracket being removed to show parts otherwise concealed; Fig. 2 is an end view of the slide mounted on the drain board with the receptacle proper removed; Fig. 3 is a detail, perspective view of one of the clips for off setting the slide from the drain board support; Fig. 4 is a plan view of the receptacle and slide detached from the sink, Fig. 5 is a central vertical section through the slidable bracket and adjacent portion of the receptacle; and Fig. 6 is a detail, perspective view of the guide bar.

In the drawings I have used the numeral 10 to indicate the guide bar, which is rigidly secured by a pair of bolts 11 to lugs 12 formed on the drain board 13 of a sink 14. To adapt the bar 10 to be mounted on drain boards of differing sizes and having the lugs 12 differently spaced, slots 15 are formed in the bar 10 for the bolts 11. The bar 10 has the form of an inverted T in cross section, being formed with base flanges 16 projecting laterally therefrom. Up-turned ends 17 on the flanges 16 constitute stops for sliding movement of a bracket 18 adapted to carry the receptacle 19.

The bracket 18 slides on the guide flanges 16 and is provided with pairs of upwardly projecting rivets 20 disposed adjacent to the lateral edges of the flanges 16 and formed with heads slidably engaging the upper surfaces of said flanges. The forward end of the bracket 18 extends obliquely downward and is formed with a hook 21 adapted to be inserted in a slot in an angle clip 22 on the receptacle 19. A pair of fingers 23, also formed on the forward end of the bracket 18, is arranged to engage opposite sides of a stud 24 projecting from the base of the clip 22 on the receptacle 19.

Thus, as will be understood readily, the receptacle 19 may be removed from the bracket 18 by merely raising it, but when in place on the bracket, said receptacle is securely held against tilting by the co-acting fingers 23 and stud 24, and against horizontal swinging on the hook 21 by the fingers 23 and the wide hook 21, which engages the slot in the clip 22. To facilitate carrying and extending and retracting the receptacle 19, a handle 25 is provided on the forward periphery thereof.

Standard drip boards are formed with the lugs 12 to adapt them to be bolted to a wall bracket 26 or similarly placed leg, and I have found that with some fixtures, because of the particular construction of the wall bracket or leg, it is necessary to off-set my guide bar 10 and receptacle 19 from the lugs 12. I, therefore, provide a pair of U shaped clips 27 which are adapted to be secured at one end by the bolts 11 to the lugs 12 and at the other end by bolts 28 to the bar 10.

In use, the receptacle 19 is mounted on the forward end of the bracket 18 by merely inserting the hook 21 in the slotted clip 22 of said receptacle and placing the lug 24 between the fingers 23. As will now be readily

understood, the receptacle 19 may, by manipulating the handle 25 be moved to either the retracted position shown in dotted lines in Figure 1 or extended to the full line position shown in said figure, the bracket 18 being slidably supported by the overhanging rivets 20 on the guide flanges 16. Movement of the bracket and receptacle on the flanges 16 is limited by the stops 17. When in the retracted position shown in dotted lines in Figure 1, the receptacle 19 cannot be removed from the bracket 18 because of the proximity of the guide bar 10 which prevents upward movement of the receptacle. Thus, it is impossible to accidently knock the receptacle off its support. However, when the device is extended, the receptacle 19 may be quickly and easily removed from its supporting bracket 18 for any desired purpose, as for emptying refuse.

While I have shown my invention attached to the bottom of a drain board of a sink, and prefer to so mount it because of the convenience in attaching it to the lugs 12 formed on said board, it will be evident that the device might be secured to the bottom of the sink proper or to the bottom of a table top, if so desired, and any such arrangement is considered within the scope of my invention.

Having described my invention what I claim as new and desire to protect by Letters Patent is:—

1. In a support for a garbage receptacle, a bar adapted to be rigidly mounted in fixed, substantially horizontal position beneath the drain board of a sink or the like having a downwardly projecting lug, a laterally projecting flange on said bar constituting a guide, an upwardly projecting member on said bar adapted to offset said flange from a supporting drain board, said bar being adapted to be rigidly connected to said lug, a slidable member extending longitudinally beneath said flange, means on said slidable member extending above said flange for supporting said member thereon and means on an end of said slidable member for supporting a receptacle whereby said receptacle may be carried to a position projecting from an edge of said board or to a position beneath said board.

2. In a support for a garbage receptacle, a bar adapted to be rigidly mounted beneath the drain board of a sink or the like having a downwardly projecting lug, a substantially horizontal, laterally projecting flange on said bar constituting a guide, an upwardly projecting member on said bar adapted to offset said flange from a supporting drain board, said bar having a longitudinal slot for a bolt and being adapted to be rigidly secured to said lug by a bolt passed through said slot, a slidable member extending longitudinally beneath said flange and slidably supported thereon and means carried on an end of said slidable member for movably supporting a receptacle directly beneath said guide whereby said receptacle may be carried to a position projecting from an edge of said board or retracted to a position beneath said guide.

In testimony whereof, I have hereunto signed my name to this specification.

STEPHEN A. HILL.