Sept. 6, 1932. L. J. KAPLAN ET AL 1,875,813

KITCHEN UTENSIL

Filed Oct. 21, 1927

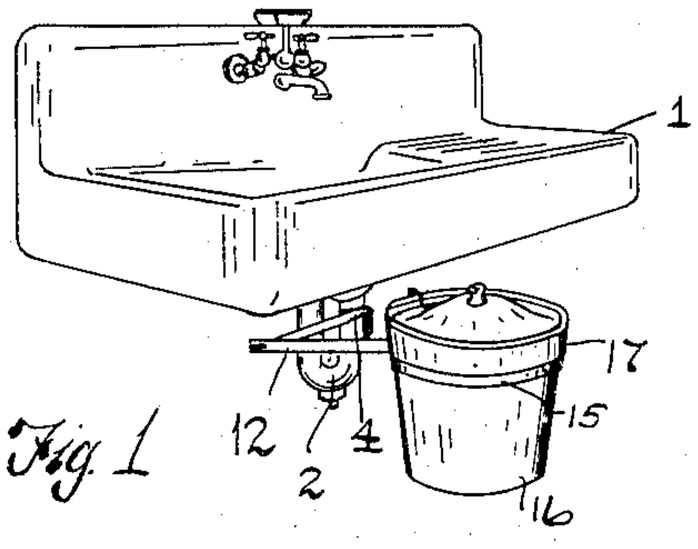


Fig. 1

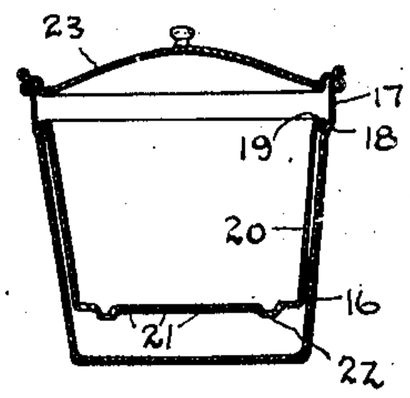


Fig. 6

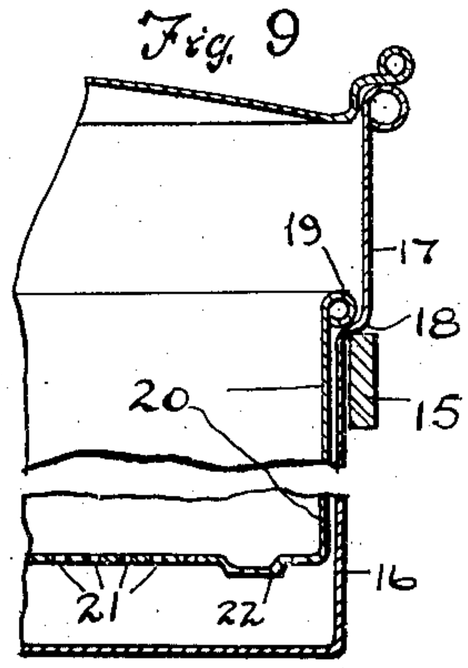


Fig. 9

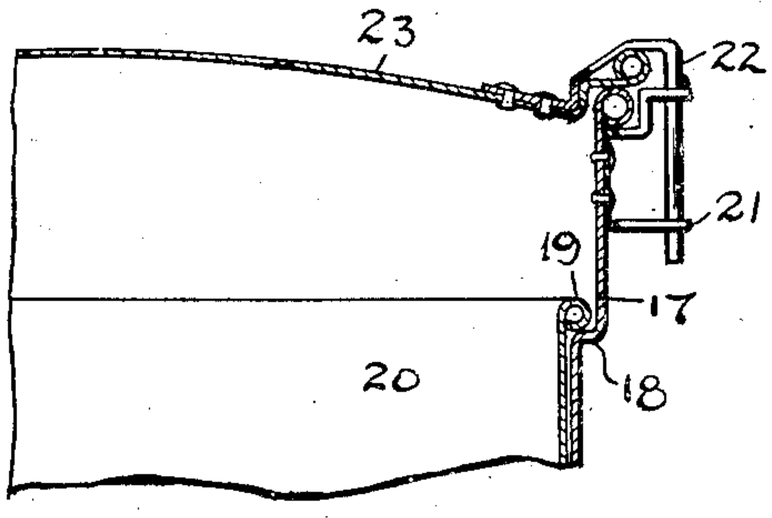


Fig. 7

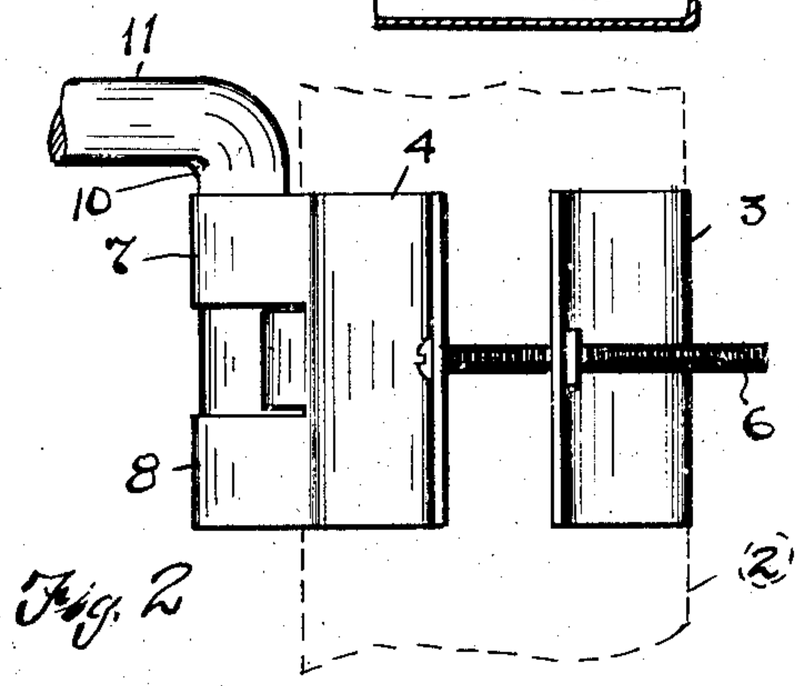


Fig. 2

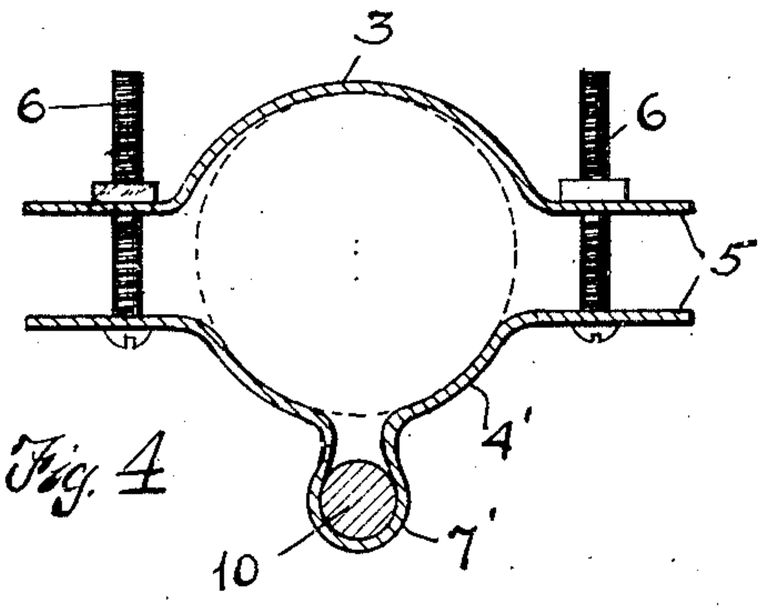


Fig. 4

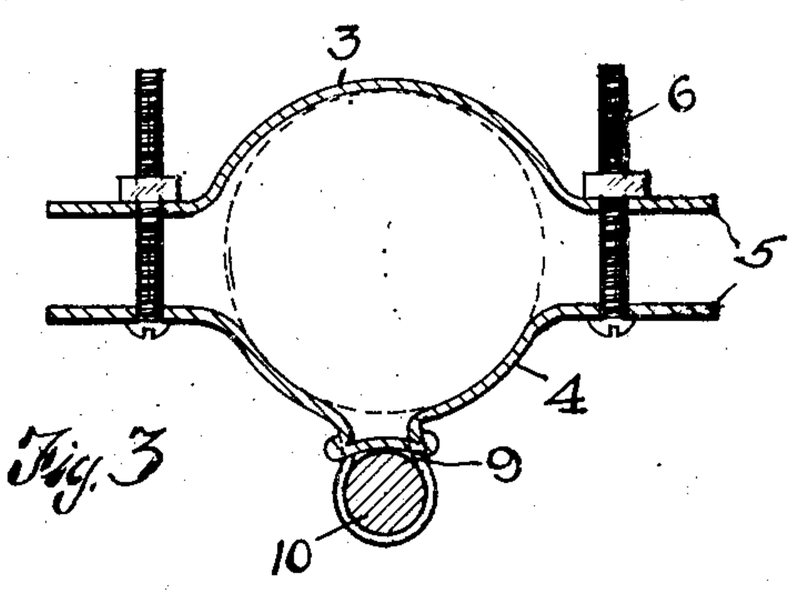


Fig. 3

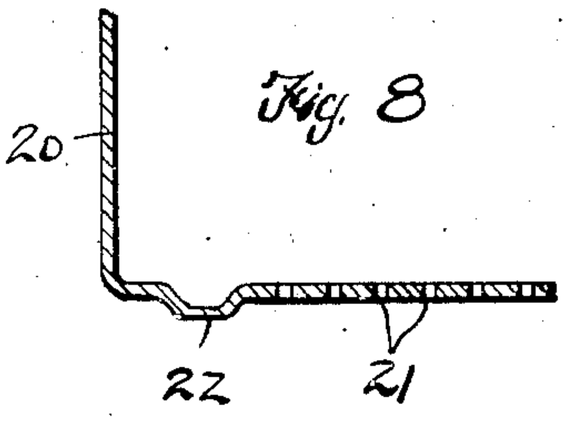


Fig. 8

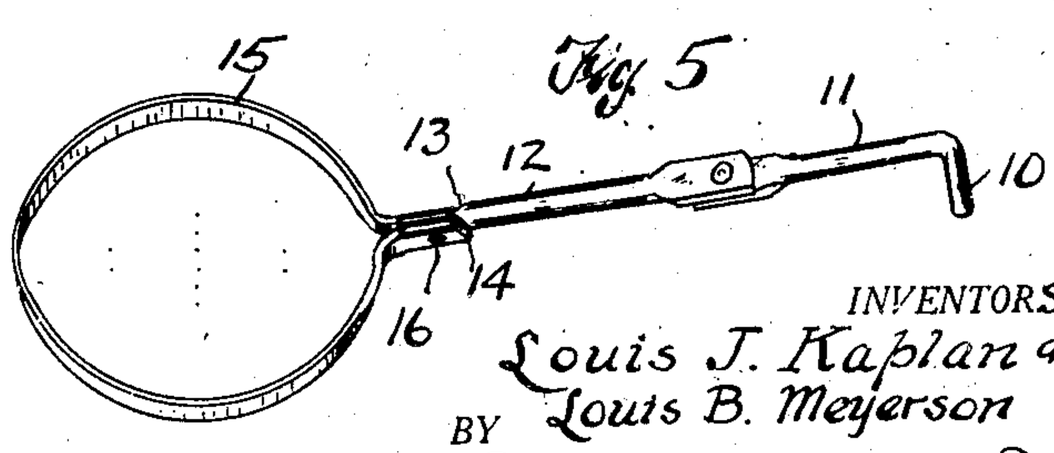


Fig. 5

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UNITED STATES PATENT OFFICE

LOUIS J. KAPLAN, OF GREENWICH, OHIO, AND LOUIS B. MEYERSON, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNORS, BY MESNE ASSIGNMENTS, TO THE KITCHEN KATCH-ALL CORPORATION, OF GREENWICH, OHIO, A CORPORATION OF OHIO

KITCHEN UTENSIL

Application filed October 21, 1927. Serial No. 227,678.

When it is desired to support a receptacle under a sink or the like, it is essential that the device be held safely but yet readily movable for accessibility. Proposals have been made in this general direction, but the conditions imposed for a practicable device are very particular and exacting and have not heretofore been adequately met.

To the accomplishment of the foregoing and related ends, the invention, then, consists of the features hereinafter fully described and particularly pointed out in the claims, the following description and the annexed drawing setting forth in detail certain structure embodying the invention, such structure being illustrative however of a few only of the various ways of applying the principle of the invention.

In said annexed drawing:—

Fig. 1 is a perspective view showing an embodiment of the invention; Fig 2 is a side elevational view of a detail on enlarged scale; Fig. 3 is a transeverse section of the same; Fig. 4 is a similar section of a modification; Fig. 5 is a perspective view of the folding arm; and Figs. 6, 7, 8 and 9 are sectional details of the container.

Referring more particularly to the drawing, the numeral 1 designates a sink or the like, to the drain pipe 2 of which is secured a clamp made up of a back member 3 and a bracket member 4, both having wings 5 to receive clamping bolts 6. The bracket member 4 is shaped with vertically aligned loops 7, 8 and a posterior bearing surface 9, which may be conveniently stamped up by providing two spaced transverse cuts and depressing and shaping what would correspond to the middle loop. There is thus presented a series of aligned bearing surfaces anterior and posterior, adapted to receive a stud-shaft 10 and hold the same in bearing engagement, securely without tendency toward spreading and loosening in use. Where relatively light loads are to be carried, we may more simply provide the bracket member 4′ with a single loop 7′ for the reception of the stud-shaft; ordinarily however, the double loop with posterior backing element is preferable. Extending from the stud-shaft 10 is an arm 11 and to this is pivoted for horizontal movement an extension 12 having near its free end shoulders 13 against which stop-lugs 14 of a supporting ring 15 may engage, such supporting ring being pivoted as at 16 to the extension-arm. Engageable upon the ring 15 is an outer container 17 having an annular ledge 18 receivable upon the ring. Internally this same ledge is adapted to further receive the flanged edge 19 of an inner container 20 which is of a depth to seat free of the bottom of the outer container, the bottom of the container 20 having perforations 21 and also projections 22, preferably formed by stamping. With such construction of the inner container 20, when it chances to be removed and be set on a flat surface in a sink for instance, the projections 22 serve to raise the perforated bottom sufficiently clear to allow of free draining without obstruction.

Upon the outer container 17 a bracket 21 is secured, having one or more preferably vertically aligned openings adapted to receive a stud-shaft 22, which in turn carries a cover member 23.

In use, the clamp member 3 and the bracket member 4 are positioned about the drain pipe 2 of the sink, or under other circumstances in suitable vertical alignment for supporting, and bolts 6 are applied and tightened up to give adequate clamping engagement. The stud-shaft 10 is now inserted in the bearing of the bracket member, and with the ring 15 unfolded out into extended position, the container is set in position therein. With the arm in extended position, it will be observed that the container is brought out from beneath, so as to be readily accessible for reception of potato peelings or garbage materials which it may be desired to deposit therein, the cover being easily swung aside on its pivot mounting for such purpose. On swinging the cover back to closed position, the entire device may be simply pushed back out of the way, on its jointed arm construction. When out of use, the container may be removed, and the rig 15 may be folded back over on the extension arm and thereby be arranged to occupy even less space, being entirely out of the way. In some cases, the

clamp member 3 may be omitted and the bracket member 4 may be fastened directly to a wall or the like, where that is more convenient than to clamp to a drain pipe.

It will thus be seen that the device is always ready for use, yet never in the way; it cannot be tipped over, and it entirely does away with refuse in the sink, so that the sink may be kept clean and free from stain or discoloration. Being covered, baiting of insects is avoided; and the perforated inner container allows the contents to drain thoroughly, ready for the incinerator or garbage collector.

While the device may be made up in various metals or enamel finish, aluminum is especially desirable, as it can be finished in a high polish, affording a sanitary and readily cleaned surface with a strikingly pleasing appearance, and withal the device is light and easily handled.

Other modes of applying the principle of the invention may be employed, change being made as regards the details disclosed, provided the means stated in any of the following claims, or the equivalent of such, be employed.

We therefore particularly point out and distinctly claim as our invention:—

A device for supporting a pail of substantial size for movement in and out beneath a kitchen sink, comprising a clamp adapted to engage a sink drain pipe within a range of sizes, said clamp including a vertical eye member, a unitary vertical pivot member engageable in said eye, and including a horizontal supporting arm of substantial length with a horizontally flattened outer end, a second arm of substantial length having a horizontally flattened inner end vertically pivoted to the outer end of the first-named arm and having a vertically flattened outer end, a ring of size to receive said pail, said ring having adjacent ends horizontally pivoted to opposite sides of said outer end of said second-named arm, and lugs on said outer end to prevent descent of said ring below a horizontal plane, said eye and all of said pivots preventing sagging of any part of said holding device below a horizontal plane, and permitting the ring to be folded back upon the outer arm, the outer arm to be folded upon the inner arm, and the entire assembly to be swung into a compact space below a sink, thereby producing an economy of space.

Signed by us this 18th day of October, 1927.

LOUIS J. KAPLAN.
LOUIS B. MEYERSON.