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ADJUSTABLE HANDLE FOR RECEPTACLE COVERS

Filed March 17, 1933

FIG. 1.

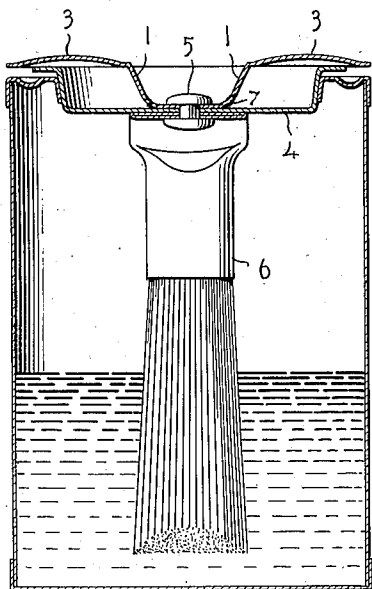


FIG. 2.

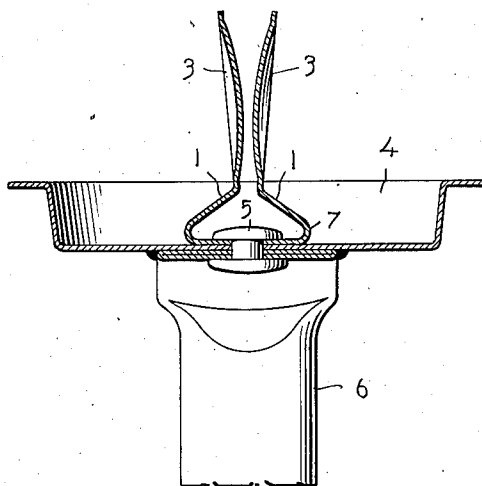


FIG. 3.

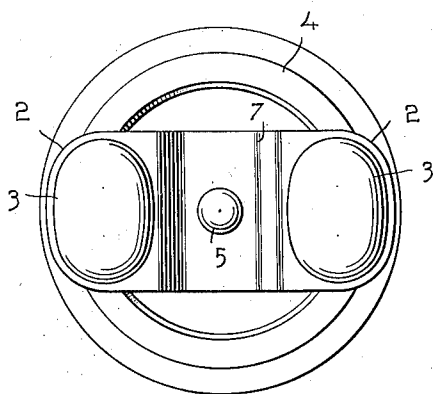
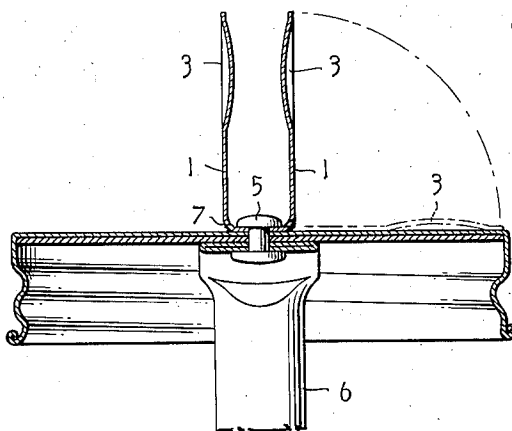


FIG. 4.



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ADJUSTABLE HANDLE FOR RECEPTACLE
COVERS

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2 Claims. (Cl. 220—94)

My invention relates to a combination of an adjustable handle and brush or other suitable device as secured to the upper and lower sides of the cover of a metallic receptacle such as a paint or varnish can and the like, so that the brush body will be arranged within and the handle without the receptacle when the latter is closed by the cover, the handle being adjustable by depression to the upper surface of the cover when not in use.

Other objects of the invention will more fully hereinafter appear.

The invention resides in the peculiar combination, arrangement, and construction of the parts as herein more fully described and particularly pointed out in the claims.

Although this invention is applicable to various devices which may be secured to the lower side of a receptacle cover, such as spoons, dips, etc., made of metal or other suitable material and which may be generally defined as applicators, it is especially adaptable to and in combination with brushes of the paint or varnish type and a receptacle of small cubic content, which may be designated as a touch-up can, or in other words a can of paint or varnish which is conveniently portable and easily packed in a small space when not in use, as for instance the pocket of an automobile, the usual type of brush and can combination with the extending brush handle being impracticable for stacking and storing in small spaces or for portable use.

Referring to the drawing,—Figure 1 is a vertical section through a paint receptacle showing the improved construction of my adjustable handle in combination with the cover and a brush, the handle being depressed to the upper side of the cover. The metallic receptacle as illustrated has a recessed or indented surface cover of the friction type but it is to be understood that the handle as shown is also adaptable to a flat surface cover of either friction, screw, or other type. Figure 2 is an enlarged section of the cover showing the handle raised for use. Figure 3 is a top plan view of a receptacle with the handle depressed thereon. Figure 4 is similar to Figure 2 showing the raised handle as adjusted to the upper side of a flat surface cover of the screw type.

The handle 1 is made of a single strip of malleable metal of suitable strength and thickness to allow the angle bend as indicated at 7 but to prevent unnecessary pliability and of a length approximately equal to the diameter of the cover to which it is attached, each end being somewhat oval in shape or rounded as indicated at 2 and

may have a width slightly greater than the central portion of the handle. When in use in combination with a cover having a recessed or indented surface a novel feature of the invention exists in that the handle may be of such a length that the whole when depressed to the surface of the cover will be confined within the limits of said recess or indentation. The oval shaped ends of the handle are indented or dished to a spherical or spoon shaped depression shown at 3 to form concave finger holds when the ends of the handle are raised and forming slight convex surfaces when the handle is adjusted or depressed toward the upper surface of the cover 4. As illustrated the handle 1 is secured at its central portion to the upper surface of the cover 4 by the means of a rivet 5 which also secures the ferrule 6 of the brush to the lower surface of said cover. It is to be understood however that the securing means is not necessarily restricted to the use of a rivet, but that other means such as spot-welding, soldering and the like may be used to form an air and liquid-tight connection. It is preferable that the central portion of the handle at the securement be out of the plane of the adjacent portions particularly when solder is employed in order to prevent the solder from "running" laterally to undesired areas of the handle.

In painting it is frequently desirable to allow the brush to remain in the paint or varnish when not in actual use, as for instance when several coats are to be applied to an article with allowances for drying, but as paint or varnish is subject to oxidation and evaporation when exposed to the atmosphere it would be detrimental to the contents of the receptacle if it were left uncovered for any great length of time. With my improvement in the construction of a combination receptacle cover and handle the brush may be allowed to remain in the paint or varnish without interfering with the air-tight connection between the cover and the receptacle, which of necessity must be securely sealed.

When the contents of the can or receptacle are not in use the handle 1 is adjusted toward and against the upper surface of the cover 4 so that the receptacle can be conveniently stacked or stored in a comparatively small space. When it is desired to use the contents of the receptacle the handle 1 is raised or lifted at the oval ends 2 to a position approximately at right angle with the surface of the cover to form a finger grip, the cover 4 lifted from the receptacle or can and the combination of handle, cover and brush is ready for service. After use the combination of han-

dle, cover and brush is replaced with the brush within the receptacle, the cover sealed tightly and the handle ends 2 pressed outwardly and downwardly to their original positions approximately parallel with the upper surface of the cover after which the receptacle is again in a condition for storage.

It is of course understood that although illustrated in combination with a brush my invention of an adjustable handle is not necessarily restricted to receptacles of the paint or varnish type but is adaptable to all kinds of metallic covers, flat surfaced, recessed and the like, whether of the friction, screw or other type, and also that it may be of composite construction, such as for example a fibrous material reinforced with a metallic substance, and used with receptacles other than metallic and to covers of which there may be affixed any suitable device to be used therewith, as for instance a spoon in a mustard jar, a liquid dauber, etc. From Figs. 1 and 3 it will be seen that when the handle portions 3 are bent down, as shown, they extend beyond the edge of the cover 4, thereby serving as a stand to elevate the handle end of the applicator, preventing said applicator from sticking flatly to a surface upon which it is laid, additionally preventing any fluid material from running onto the handle from the wet end.

As various changes may be made in the size,

shape and character of the above embodiment without departing from the spirit of the invention, all matter herein set forth is to be interpreted as illustrative and not in a limiting sense.

Having thus described my invention, I claim:—

1. In a touch-up can provided with a recessed cover and an applicator secured thereto, handle means comprising sheet material stamped to provide opposed side portions and a central portion depressed with respect thereto to extend into the recess of the cover, the central portion secured to one end of the applicator, the side portions being free and bendable upwardly and toward each other to form finger holds, and reversely bendable to lie in a plane substantially at right angles to the axis of the applicator.

2. In a touch-up can provided with a recessed cover and an applicator secured thereto, handle means comprising sheet material stamped to provide opposed side portions and a central portion depressed with respect thereto to extend into the recess of the cover, the central portion secured to one end of the applicator, the side portions being free and bendable upwardly and toward each other to form finger holds, and reversely bendable to lie in a plane substantially at right angles to the axis of the applicator, said side portions in the latter position being of a length to extend beyond the edge of the cover.

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