

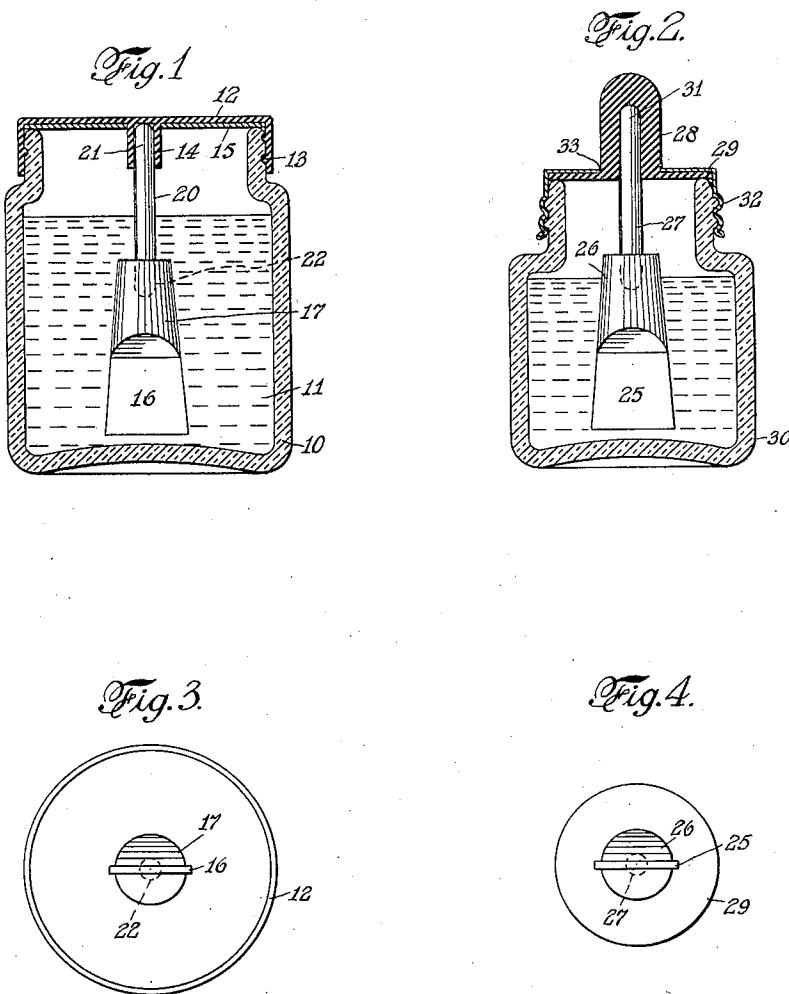
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SPREADER CAP

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## SPREADER-CAP

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### 1 Claim. (Cl. 91—67.4)

The invention relates to a spreader member for applying adhesive and like material, and more especially to a spreader member associated with a cap adapted for the closing of a receptacle containing the adhesive, the spreader member being attached or fitted to the cap for manipulation thereby when the cap is unscrewed from the receptacle.

The invention has for an object the provision of a more effective brush element and whereby the spreading of the adhesive will be facilitated and a more accurate application of the same becomes possible, as in spreading a fine line of adhesive for "tap-on" or mounting work.

Another object of the invention resides in the provision of a spreader-cap which may be inexpensively constructed, and wherein ample and full rigidity of the manipulating portion is attained substantially down to a reduced flexible spreading portion, thus localizing the flexibility at the desired point and withal affording a simple and inexpensive construction of spreader-cap.

In carrying out the invention, a rubber brush element is provided having a reduced outer and flaring flexible portion and an inner relatively rigid body portion, the latter being arranged to be connected by an intermediate rigid rod to a manipulating closure element such as a suitable cap or cover for the jar or other container for the adhesive or like material.

The nature of the invention, however, will best be understood when described in connection with the accompanying drawing, in which:

Figs. 1 and 2 are vertical sections through adhesive containers and the novel spreader-cap associated therewith, Fig. 1 illustrating a rigid form of cap element and Fig. 2 a more or less flexible and separable form of cap element for manipulating the brush element.

Fig. 3 is an underneath plan of the spreader-cap member shown in Fig. 1; and Fig. 4 is a similar view of the spreader-cap shown in Fig. 2.

Referring to the drawing, more particularly Figs. 1 and 3, 10 designates a jar or other suitable receptacle, for adhesive or like material 11 to be retained therein, and sealed by means of a closure element or cap 12. This cap may be of hard rubber, bakelite and the like, and is provided with threads 13 to screw onto the neck portion of the receptacle. A central recessed portion 14 is provided integrally with the said cap at its inner face, and a washer 15 may also be fitted about the same over the inner face of the cap.

The brush element of the spreader cap is con-

stituted by a rubber or similarly flexible member, preferably tapering and its outermost portion 16 being of the fishtail form and reduced thickness to afford a tongue or relatively flexible applicator portion, while its innermost portion 17 affords a relatively rigid body. The action of the brush element is thus practically confined to and localized at the flexible end 16 so that accurate application of the adhesive may be effected there-with.

To continue the rigidity of the body portion, there is provided between the closure element hereinbefore described and the said brush element an intermediate rigid rod 20 as of wood, glass, or similar rigid material and of sufficient length to afford the required handle portion for withdrawing adhesive from the bottom of the receptacle 10. One end 21 of the rod 20 is fitted within the recess 14 while the other end 22 is similarly fitted within the body portion 17 of the brush element, the said ends having a forced fit in their respective recesses and may be further secured therein by a suitable lacquer or cement.

Rod 20 thus integrally unites the brush and closure elements; and the flexible portion 16 of the former is readily manipulated by grasping the cap 12, the spreader-cap being substantially rigid from the cap portion to the said flexible portion 16 and insuring accurate and rapid application of the adhesive thereby.

In Figs. 2 and 4, a modification in the manipulating portion of the spreader-cap is indicated. The flexible portion 25 and body portion 26 of the brush element are similar to the corresponding portions of the brush element described in connection with Fig. 1; and, similarly, a rod 27 is secured to the outer end of the body portion 26. The closure element or cap, however, is provided in the present instance by a cylindrical handle portion 28 of rubber or the like and having a flange 29 of sufficient diameter to close the mouth of the receptacle 30.

The outer end 31 of rod 27 is firmly secured in this handle portion 28, and the flange 29 may initially be held within a screw cap or the like 32 fitting about the outer surface of the neck of the receptacle 30 and being centrally perforated as at 33 to permit handle portion 28 to extend therethrough. Flange 29 has a snug fit within the cap member 32, but may readily be separated therefrom if it be desired to utilize the spreader-cap without the screw cap 32 attached. The handle 28 is sufficiently stiffened by means of the inserted rod end 31, and the entire member

is thus substantially rigid from the cap portion to the said flexible portion 25 of the brush to insure rapid and accurate application of the adhesive thereby.

5 I claim:

An applicator for adhesives, comprising a rigid holder forming a closure for a container and having at its center a socket, a rigid member having one end fixed in said socket and extending  
10 downwardly from the holder, an adhesive-

applying member of flexible material fixed to the other end of said rigid member, having a greater diameter than the rigid member and forming a shoulder at the point where said rigid member enters the adhesive-applying member  
5 and the extreme end of the latter member being flattened on two opposite sides to form a flexible terminal portion for applying the adhesive.

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