

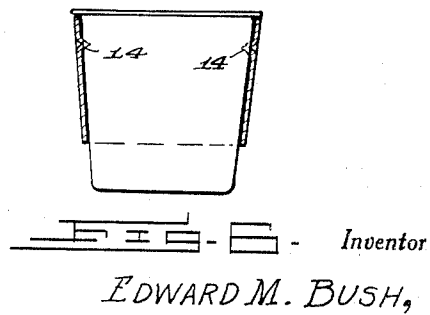
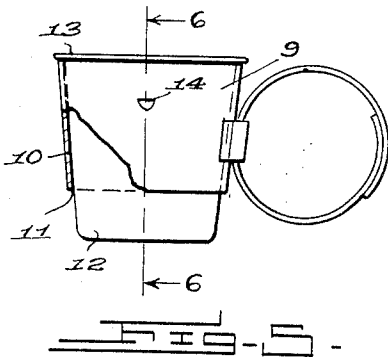
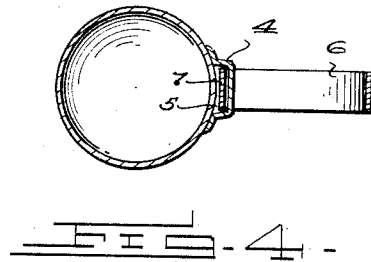
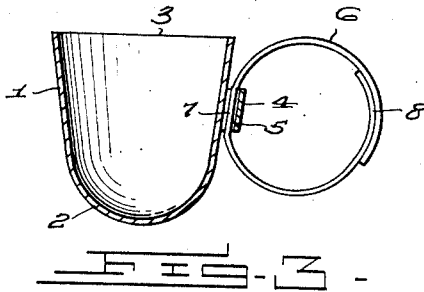
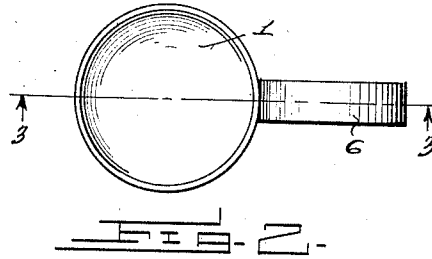
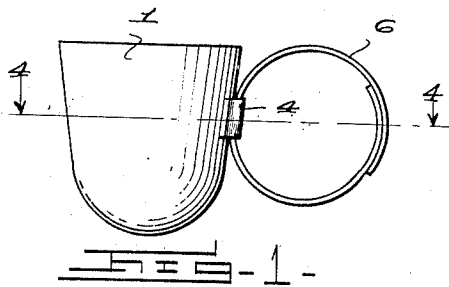
Nov. 26, 1940.

E. M. BUSH

2,222,741

CUP

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By *Clarence A. O'Brien*
and *Hyman Berman*
Attorneys

UNITED STATES PATENT OFFICE

2,222,741

CUP

Edward Marshall Bush, Rossville, Ill., assignor of
one-half to Althea M. Bush, Rossville, Ill.

Application November 12, 1938, Serial No. 240,184

1 Claim. (Cl. 32—1)

My invention relates to improvements in prophylactic cups for use by dentists.

The object of the invention is to provide a light weight cup equipped for attachment to the fingers and carrying in the palm of the hand to hold paste or other teeth cleaning material so that the dentist may readily insert a dental brush or other polishing instrument into the material without reaching to a dish or similar receptacle remote from the scene of operation.

My invention also comprehends other objects, all of which, together with the precise nature of my improvement, it will be readily understood when the succeeding description is read with reference to the drawing accompanying and forming part of the specification.

In said drawing:

Figure 1 is a view in side elevation of a preferred embodiment of my invention,

Figure 2 is a view in top plan,

Figure 3 is a view in vertical section taken on the line 3—3 of Figure 2 looking in the direction indicated by the arrows,

Figure 4 is a view in horizontal section taken on line 4—4 of Figure 1, looking in the direction indicated by the arrows,

Figure 5 is a view of a modified form of the invention shown in side elevation and partly broken away, and

Figure 6 is a view in vertical section taken on the line 6—6 of Figure 5 looking in the direction indicated by the arrows.

Referring to the drawing by numerals, in the preferred embodiment thereof, the cup of my invention comprises a small open-top receptacle 1 of any suitable light metal having a rounded bottom 2 and an open top 3 and provided on one side thereof with a lug 4 of sleeve-like form having a bore 5 extending from top to bottom thereof, said bore 5 being transversely of substantially rectangular form. A finger ring 6 of flat band-like metal resilient in character is passed through the bore 5, said ring having a flat portion 7 fitting into the bore 5 to prevent the ring from creeping circumferentially in the lug 4 and the ends of said ring overlapping, as at 8, opposite the flattened portion 7, said ring ex-

tending laterally from the receptacle 1 as will be clear.

In the use of the described invention, the ring is placed over a selected finger by spreading the overlap 8 apart and with the receptacle 1 on the palm side of the hand, said ring reacting into closed clamping relation to the finger to thereby maintain the receptacle in proper position against tilting on the finger. Preferably the receptacle 1 flares toward the open thereof to provide for ready access to the material therein.

In the modified form of the invention shown in Figures 5 and 6 the container 9 is provided with straight sides 10 and is open at its bottom, as at 11, for the insertion therein of a small paper cup 12 downwardly tapering and having the usual rim 13 fitting against the top of the receptacle 9. At diametrically opposite sides thereof said receptacle 9 is provided with a pair of inwardly projecting prongs 14 for engaging the sides of the cup 12 to hold the same in place. Otherwise the construction is the same as described with reference to the preferred embodiment of the invention.

The foregoing will, it is believed, suffice to impart a clear understanding of my invention without further explanation.

Manifestly, the invention, as described, is susceptible of further modification and right is herein reserved to such modifications as fall fairly within the scope of the subjoined claim.

What I claim is:

A cup for holding in the palm of the hand and comprising a thin metal shell of a size for the closing of the hand around the same, and having a side lug provided with a straight walled aperture therein, and a finger ring of resilient flat metal inserted through said aperture in outstanding position relative to said shell and having overlapping ends for relative separation to clasp said ring over a finger, said ring having a flattened portion fitting into said aperture to prevent the ring from creeping circumferentially in said lug, and a paper cup fitting in said shell, the shell having prongs therein for engagement with said cup to retain the same in the shell.

EDWARD MARSHALL BUSH.