Dec. 21, 1937. D. PELLEGRINI 2,102,643

DENTURE CLEANING DEVICE

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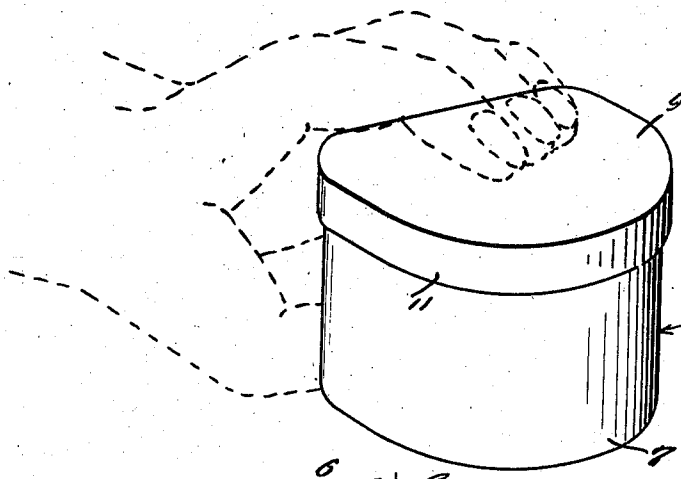



Fig. 1.

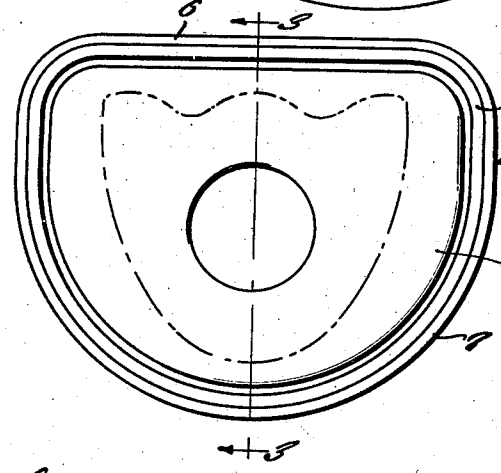



Fig. 2.

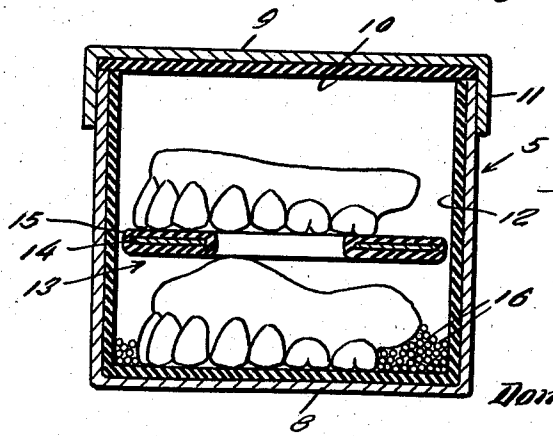



Fig. 3.

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## DENTURE CLEANING DEVICE

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Application March 13, 1936, Serial No. 68,739

REISSUED

2 Claims. (Cl. 15—104)

This invention relates to new and useful improvements in means for cleaning dentures.

The principal object of the present invention is to provide a denture cleaning device in the form of a receptacle in which dentures can be placed and thoroughly cleaned and polished by shaking the container so that cleaning agents located in the container with the denture will coact with the denture and remove all foreign matter located thereon.

Another important object of the invention is to provide a denture cleaner in which the denture can be placed and agitated along with suitable cleaning agents without likelihood of breaking the denture.

Still another important object of the invention is to provide a denture cleaning device which will be of neat appearance and which is preferably opaque so that the denture cannot be seen therein, thus permitting the receptacle to be employed as a storage chamber when the denture is not in use.

In the drawing:

Figure 1 represents a perspective view of the device showing the same closed and further showing in broken lines how the device is held between the fingers of a hand while being shaken.

Figure 2 is a top plan view of the device with the cover removed.

Figure 3 is a vertical sectional view taken substantially on line 3—3 of Figure 2 with the cover applied.

Referring to the drawing wherein like numerals designate like parts, it can be seen that numeral 5 generally refers to the receptacle proper and the configuration of this receptacle is preferably such as will conform as much as practical with the shape of the denture. In other words it is preferable that one side portion of the vertical wall as denoted by numeral 6 be flat while the remaining portion 7 is approximately semi-circular. The receptacle is provided with the bottom wall 8 and has the cover 9 of the slip type. The top portion of the cap 9 is provided with a resilient liner 10, but the depending perimetrical flange 11 does not have a liner, but snugly fits the outside of the receptacle as shown in Figure 3.

The entire inside of the receptacle proper 5 has the resilient liner 12 at its upper edge extending to the top edge of the receptacle 5 so as to meet the liner 10 of the cap 9.

The form of the invention shown in the drawing is to accommodate both upper and lower artificial teeth and to separate these two pieces of denture from each other, a spacer generally referred to by numeral 13 is employed.

This spacer consists of the plate 14 which generally conforms to the curvature of the side wall of the receptacle, and around the edges and top and bottom sides of this plate 14 is the resilient jacket 15.

It will be observed that this spacer 13 is provided with a central opening, which can be circular so that the small metallic pellets 16 can readily jar back and forth through the spacer to reach both sets of denture, when the receptacle is being agitated for the purpose of cleaning the denture.

In the receptacle can be placed a suitable cleaning fluid or antiseptic as seen fit.

The liners 10 and 12 serve to absorb the shock of the denture pieces while the same are in motion as does the resilient jacket 15 on the spacer plate 14.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit or scope of the invention as claimed hereinafter.

Having thus described the invention, what is claimed as new is:

1. A denture cleaning device comprising a receptacle in which pieces of denture can be placed, a closure for the receptacle and a multiplicity of small pellets in the receptacle for abrasive contact with pieces of denture in the receptacle when said receptacle is agitated, and a spacing member freely positioned in the receptacle for spacing pieces of denture in the receptacle, said spacing member having an opening to permit passage of the pellets to opposite sides thereof.

2. A denture cleaning device comprising a receptacle in which pieces of denture can be placed, a closure for the receptacle and a multiplicity of small pellets in the receptacle for abrasive contact with pieces of denture in the receptacle when said receptacle is agitated, a perforated spacer freely positioned in the receptacle for spacing pieces of denture in the receptacle, and a resilient jacket for the said spacer.

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