

Nov. 8, 1938.

F. E. GUNTRIP

2,135,503

CONTAINER

Filed April 20, 1937

FIG. 1.

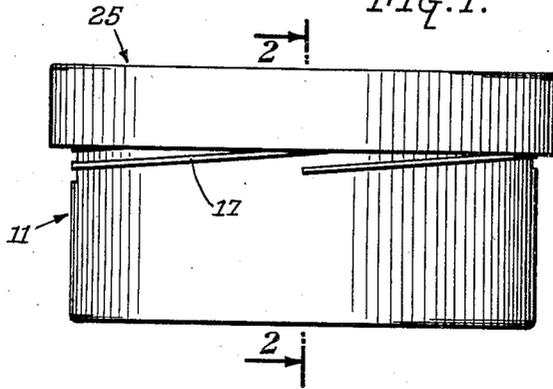


FIG. 2.

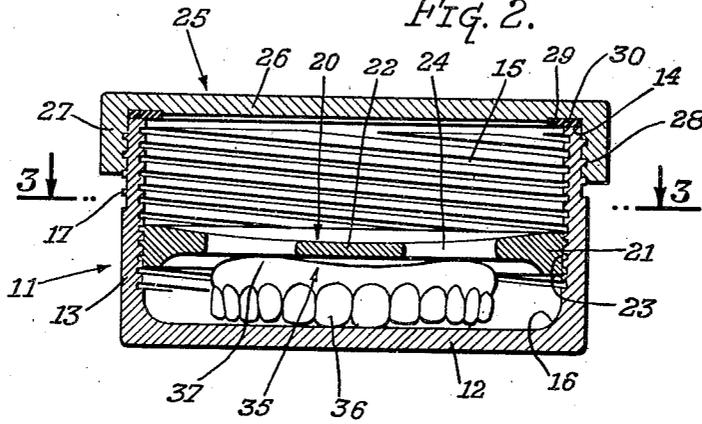
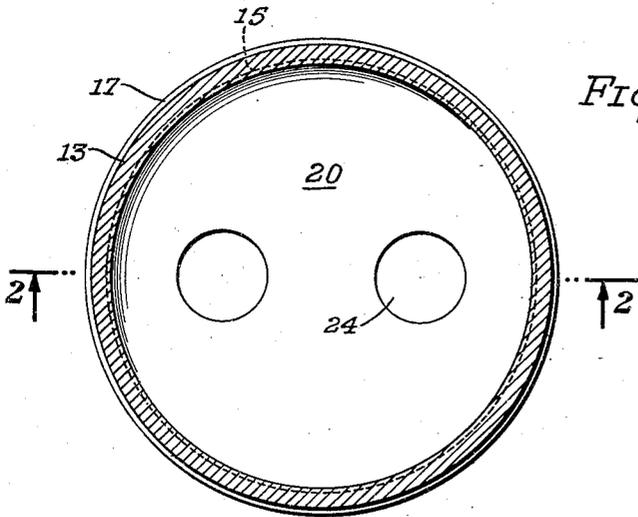


FIG. 3.



Inventor.  
F. E. Guntrip  
By Hazard and Miller  
Attorneys.

# UNITED STATES PATENT OFFICE

2,135,503

## CONTAINER

Frederick E. Guntrip, Santa Barbara, Calif.

Application April 20, 1937, Serial No. 137,971

3 Claims. (Cl. 206—1)

My invention relates to a container with means for engaging and holding articles in the container to prevent their movement, thus the container may be used for carrying delicate and readily breakable articles in that such articles may be gripped in the container and thus restrained from any movement which would tend to break such articles.

In a container of this character an object and feature of my invention is the development of a sanitary type of container which may be readily thoroughly cleaned and sterilized and may be maintained if desired, in a sterilized condition and also in which the article to be retained from movement is engaged between the bottom of the container and a false closure or gripper member which may be moved into engagement with the article and thus secure the article between the container bottom and the false closure member. The container is provided with a closure cap so that the article in the container is kept from contamination.

My invention is illustrated as a container especially designed to hold false teeth as many people who require false teeth have a duplicate set and my container provides a device for holding the teeth so that when the party is travelling, that there is no danger of the teeth in the container being broken and that these may be kept in a sanitary condition. My container also provides a sanitary receptacle in which a person may place the false teeth over-night.

My invention is illustrated in connection with the accompanying drawing, in which:

Fig. 1 is a side elevation of a suitable container.

Fig. 2 is a vertical section on the line 2—2 of Fig. 3.

Fig. 3 is a transverse section on the line 3—3 of Fig. 2.

In the container illustrated there is a cup-like bowl member 11 with a flat base or bottom 12 and a cylindrical side wall 13 terminating at the top 14. The inside wall has threads 15 extending downwardly to a position close to the bottom contiguous to the upper edge of a fillet curve 16. This curve is provided to facilitate cleansing of the container. The outside of the wall is also externally threaded as indicated at 17.

The false closure or gripper member 20 is in the form of a disk having a thickened peripheral section 21 with a relatively thin center portion 22. The peripheral portion has external threads 23 complementary to the internal threads 15. There are also a plurality of finger grip openings or perforations 24. The top or cover 25 has prefer-

ably a flat top wall 26 and a downwardly extending flange 27. The flange is internally threaded as indicated at 28 with threads complementary to the external threads 17. There is also a shallow annular recess 29 on the underside of the cover and in this is fitted a rubber or similar gasket 30.

In constructing my invention I preferably make both the internal and external threads of the bowl and the complementary threads of the gripper member 20 and of the cap or cover 25 of steep pitch and having multiple entrance ends to afford quick threading adjustment of both the gripper and of the cap. Also for convenience of quick adjustment and also to facilitate cleansing and sterilizing, the threads are shown of the square type.

In my invention I illustrate a set of false teeth 35 inserted in the container, the teeth 36 resting on the bottom 12 and the upper or molded gum portion 37 being engaged by the gripper 20. This gripper is threaded downwardly in the open bowl, the fingers being used in the finger grip openings 24 which allows quickly threading this in place until the set of teeth are engaged and held firmly between the bottom 12 and the gripper 20. If desired a wad of cotton or the like having a few drops of a sterilizing or germicidal solution may be placed in a container resting on the gripper 20. The cap or cover 25 is then threaded in place and on account of the seal with the rubber gasket 30, substantially hermetically closes the container. It is obvious that the cap, the gripper 20 and the teeth may readily be removed from the container and on account of this being made of material which may be readily sterilized, the whole container may be cleansed and maintained in a sterilized condition. It is also obvious that where a person desires to have the teeth immersed in a sterilizing solution that such solution may be placed in the bowl, either before or after the gripper engages the teeth and when the cap is in place, I have provided practically a leak-proof container.

While I have illustrated the container as adapted for retaining and holding a set of false teeth, it is obvious that my design may be used or modified to hold other articles, such as fine jewelry, perfume bottles or the like, which might readily be broken when the owner is travelling.

Various changes may be made in the details of the construction without departing from the spirit or scope of the invention as defined by the appended claims.

I claim:

55

1. A container having a bowl-like structure with a base and a cylindrical wall threaded on the inside, a gripper element in the form of a disk having peripheral threads complementary to the interior threads of the wall whereby after insertion of an article in the bowl to rest on the base, the gripper disk may be threaded downwardly to engage and hold the article between the disk and the base to prevent movement of such article, the disk having one or more openings forming finger grip devices for threading the disk in and out of the container and also to provide free passage for a fluid from below to above the disk, the container having external threads on the upper part of the wall and a cover with a top and a threaded flange complementary to the external threads, there being a sealing means between the cap and the said walls to form a hermetic seal.

2. A container having a bowl-like structure with a base flat on the inside, a cylindrical wall, a concave annular fillet between the base and the wall, the wall having internal threads extending downwardly from its upper edge, a gripper element in the form of a disk having a thickened periphery with threads complementary to the

internal threads of the side wall, the disk having a relatively thin central portion with one or more perforations forming a finger grip and also to provide for passage of a fluid from below to above the disk or vice versa, the disk being adapted to engage an article between the flat base and the lower side of the disk to prevent movement of such article.

3. A container having a bowl-like structure with a base, a cylindrical inside wall provided with interior screw threads, a gripper element in the form of a disk having peripheral threads complementary to the interior threads of the wall, the gripper element having openings for passage of a liquid, said openings forming a means for threading the gripper element from the upper edge of the bowl-like structure towards the base whereby an article inserted in the bowl-like structure on the base prior to insertion of the gripper element may be clamped between the gripper element and the base by threading the gripper element towards the base and means separate from the gripper element to form a liquid tight seal at the upper edge of the bowl-like structure.

FREDERICK E. GUNTRIP.