

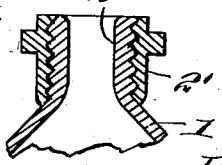
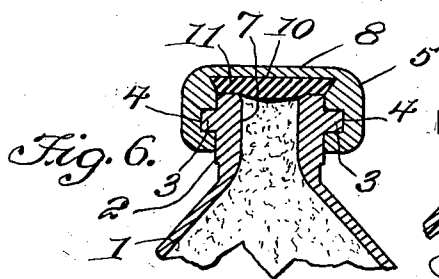
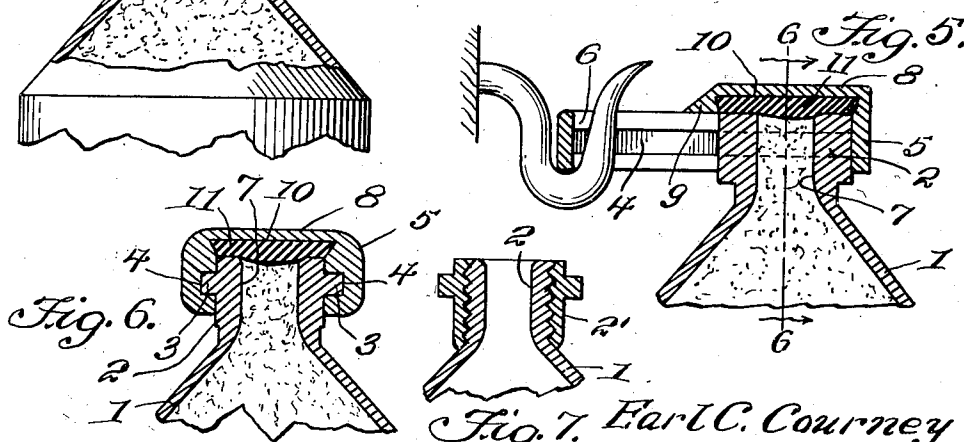
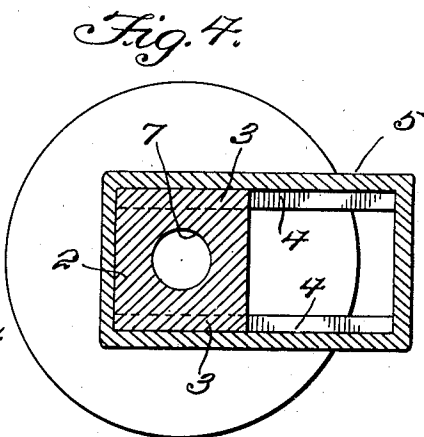
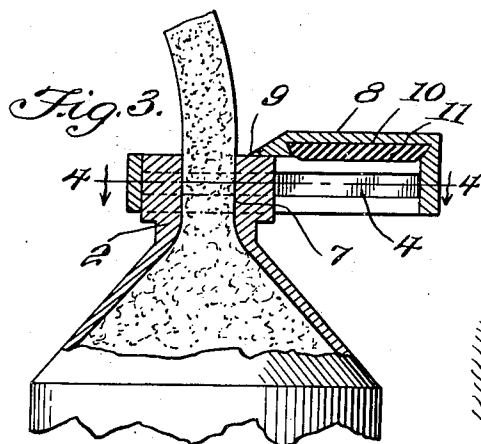
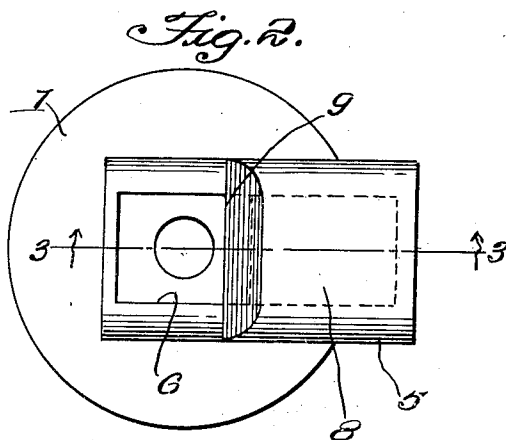
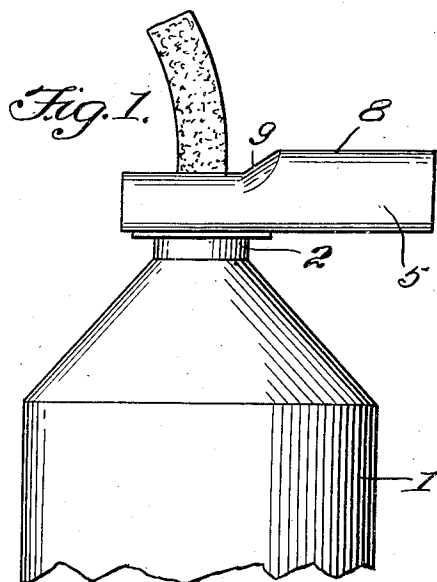
March 23, 1926.

1,578,077

E. C. COURNEY

PASTE TUBE CAP

Filed June 20, 1925



J. L. Wright
S. C. Carroll
WITNESSES

Fig. 7. Earl C. Courney
INVENTOR
BY Victor J. Evans
ATTORNEY

UNITED STATES PATENT OFFICE.

EARL C. COURNEY, OF OAKLAND, CALIFORNIA.

PASTE-TUBE CAP.

Application filed June 20, 1925. Serial No. 38,533.

To all whom it may concern:

Be it known that I, EARL C. COURNEY, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented new and useful Improvements in Paste-Tube Caps, of which the following is a specification.

This invention relates to paste tube caps and has for its primary object a means for severing the paste dispensed from the tube when the cap is disposed to a closed position.

A further object is to provide a tube cap that may be formed integral with the tube and thereby prevent the loss of said cap.

A still further object is to provide a tube cap that can be manipulated with one hand in an expeditious manner.

The nature and advantages of the invention will be better understood when the following detailed description is read in connection with the accompanying drawings, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawings forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:—

Figure 1 is a fragmentary side elevation of a paste tube showing the cap forming the subject matter of the present invention associated therewith.

Figure 2 is a top plan view of the cap and tube.

Figure 3 is a fragmentary sectional view to illustrate the parts of the novel cap and its association with the tube.

Figure 4 is a sectional view taken on line 4—4 of Figure 3.

Figure 5 is a sectional view showing the cap arranged in closed position and the manner in which it can be associated with a hook or other supporting means when the tube which is equipped with the novel cap is not in use.

Figure 6 is a sectional view taken on line 6—6 of Figure 5.

Figure 7 is a modified form showing a means for threadedly securing the cap to a tube having the usual screw threaded top.

Referring to the drawings in detail the

reference numeral 1 indicates a paste tube of the usual construction with the exception of the outlet end or top 2 which as shown in Figures 1 and 6 forms an integral part of the tube and a portion of the invention to be now described. The top 2 of the tube in the preferred form of the invention has extending laterally therefrom oppositely disposed ribs 3 which are mounted in grooves 4 formed in the inner side walls of the body portion 5 of the cap. The body portion 5 is somewhat elongated in formation and has an opening 6 formed therein to provide a means of exit for the contents of the tube 1 the top 2 being likewise provided with an opening 7 adapted to register with the opening 6 when the cap is moved to open or operative position. The top wall 8 which terminates approximately midway the ends of the body portion of the cap has its inner edge 9 inclined so as to provide a cutting means and which is put in operation when the cap is being arranged to a closed position as suggested in Figure 5 of the drawings. The undersurface of the top wall 6 is provided with a recess 10 to receive a cork washer 11 so as to form a substantially leak proof connection between the top 2 and the body portion 5 when the latter is closed.

A slightly modified form of the invention is shown in Figure 7 and the member 2' of the cap is threadedly secured to the neck of the tube, and by this structure the cap may be associated with tubes now commercially used.

The opening 6 of the cap also provides a convenient means for supporting the tube upon a hook or the like when the cap is closed, and this feature will be extremely advantageous to artists who use a multiplicity of paint tubes.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What I claim is:

A tube cap of the character described comprising a body portion having grooved

side walls and an opening formed therein, a top for the body portion having its underside recessed and its inner edge inclined to provide a cutting edge, ribs formed on the tube top and being received in the grooves whereby the body portion is slidably mounted thereon, and a washer arranged in the recess to provide a leak proof connection between the body portion and tube top when the former is arranged to closed position. 10

In testimony whereof I affix my signature.

EARL C. COURNEY.