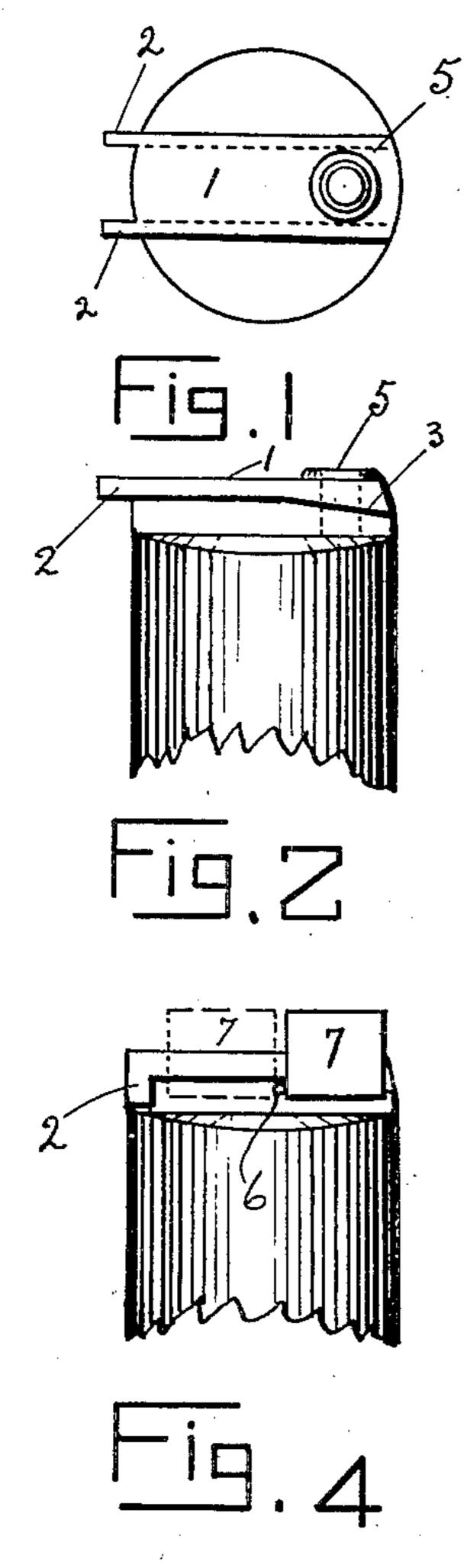
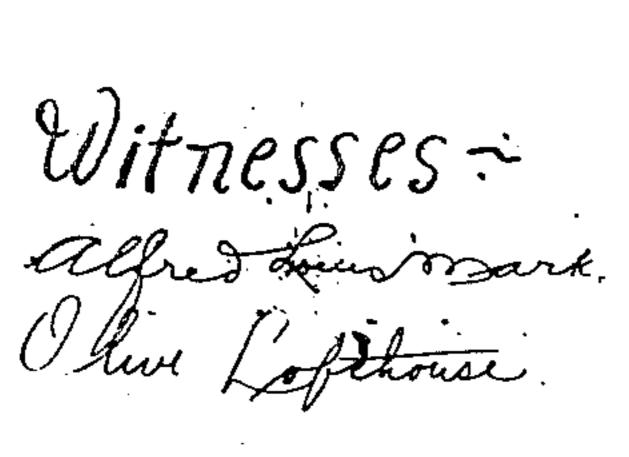
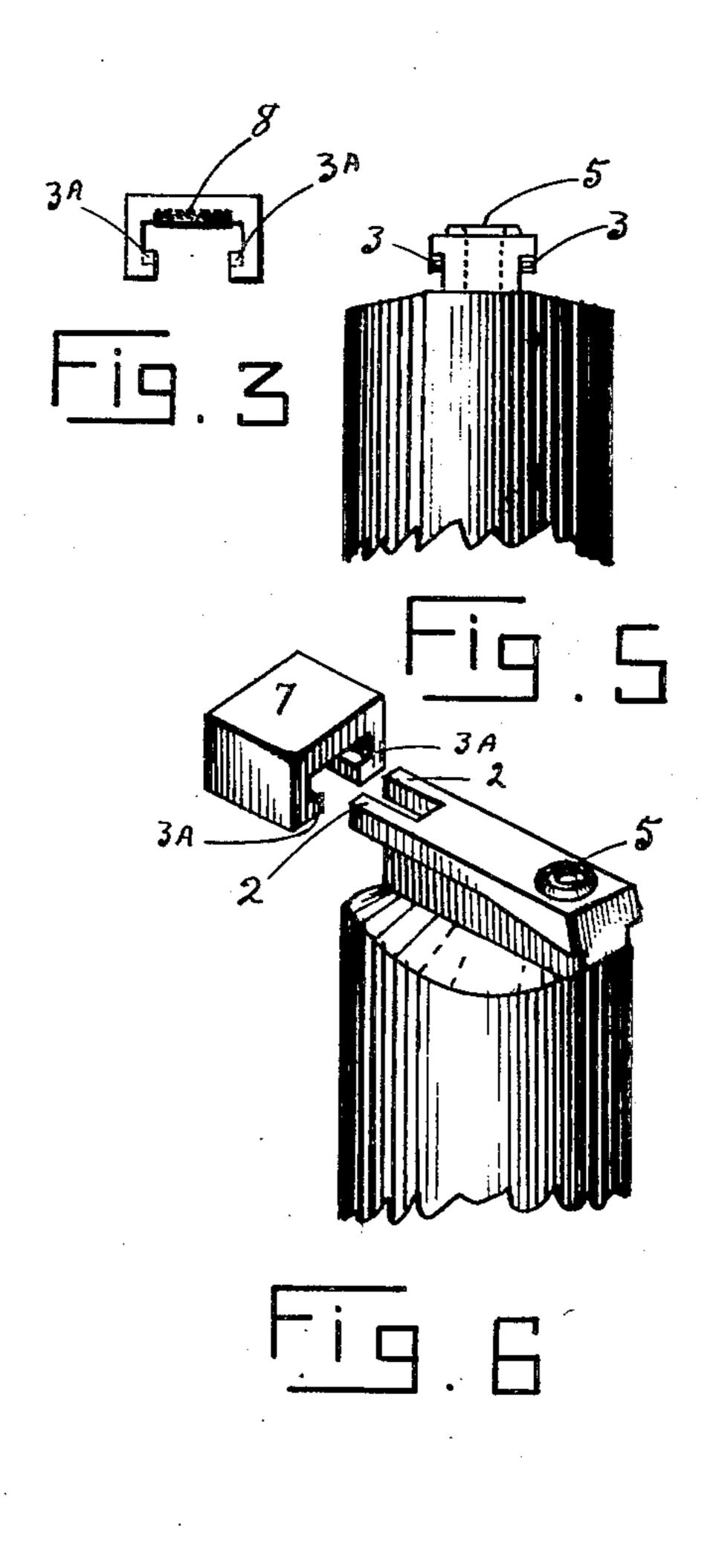
COVERING FOR CONTAINER OPENINGS

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coverings for container openings. The at that end, (Fig. 4). tainer or lost.

which the said invention is shown being used in conjunction with an ordinary toothpaste firmly with the flanges 3, and hold the cap 7 which drawing:

Fig. 1 shows the top of the tube with a track or rail with flanges projected into tips ready to receive the sliding cap or cover.

Fig. 2 is a side view of the tube or container.

Fig. 3 shows an end view of the sliding cap with pad inset to cover opening in container.

Fig. 4 shows covering cap in position over the container opening with projecting tops on end of track bent downward to form stops for cap.

as they approach the container opening extending through the track.

Fig. 6 shows in perspective the container, track, and covering cap.

throughout the several views.

Referring to the drawing:—

A raised track or rail 1 with projecting tapered flanges 3, is formed by moulding, would act as a lock to hold the cap 7 in cover- 90 pressing or shaping the same upon the top ing position over the opening 5. of any ordinary container cover, whether it On the underside of the cap 7 is inset a be for a tube, screw top can, jar, bottle, bar- piece of cork, rubber or other resilient padrel or other container. Said track is proding material 8 (Fig. 3) which will, when vided on its upper side with an opening 5 the cap is in covering position over the open- 95

My invention relates to improvements in stops preventing the cap sliding off the track

objects of my invention are to secure a cover- Tapered grooves (3-A) are formed by ing for an opening in a container, such as for hollowing out the inside of the side walls of sexample, in toothpaste or shaving cream the sliding cap 7, (Fig. 3). These grooves 55 tubes, and the like, bottles, jars or cans, which fit over the flanges 3 of the track or rail 1 covering is adjustable, easily, quickly and and are tapered to adjustment with the said simply removed and replaced; cheap, efficient flanges so that as the cap 7 is pushed forward and that cannot be jarred loose from the con- on the track 1 the grooves therein will tighten up on the thickened portion of the tapered 60 I attain these objects by the mechanism flanges 3. This process I have so adjusted illustrated in the accompanying drawing in that just as the cap 7 is in position to tightly shut off the opening 5, the grooves 3A lock tube upon which is formed my specially con-snugly over the opening 5. As the cap 7 65 structed track or rail which cooperates with slides backward in the opposite direction on the cover or cap shaped to slide thereon, in the track it slides loosely, but is prevented from sliding off the track by the tips 2 (Figs. 1 and 2) on the ends of the flanger 3 being bent downward as before set out 70 (Fig. 4). The cap is thus locked to the track at both ends and cannot be lost.

Should a tendency develop for the cap to work loose on the track when the container is being jostled about or roughly handled, as 75 it might be in a travelling bag or while being shipped, thus permitting the opening in the container to be uncovered and suffering the contents thereof to escape, a hole 6 may be Fig. 5 shows rear view of tube and track made through the rail (Fig. 4) and a short 80 with detail of flanges thickening downwards piece of wire inserted through it to act as a lock, or if it should appear desirable to have an adjustable lock which would automatically keep the cap positioned firmly over the opening in the container, this can be done in 85 Similar numerals refer to similar parts many common and well known ways, as for example, by a wire spring attached to the top or side of the track which could be pressed down to release the cap and until so pressed

extending into the interior of the container. ing 5, keep the contents of the container air-The thin ends of the said flanges 3 are built tight. As this padding material should exto project outwardly beyond the end of the tend downward slightly below the remainder body of the track (Figs. 1 and 2) so they may of the flat under surface of the cap in order be bent downwardly, as when so bent to form to secure and regulate pressure over the open- 100 ing 5, and keep the air out of the container, it is desirable in order to lessen the friction and wear on the same, to round the edges of

the opening 5.

In order further to increase and maintain the efficiency of said cap the surface of the top of the track or rail 1 surrounding the edge of the opening 5, should be slightly raised and rounded as indicated in (Figs.

10 1 and 2).

Where my invention is desired to be adopted for use in connection with containers, the tops of which are not moulded, as they are in the case of tooth paste and shaving 15 cream tubes, and the like, it is suggested that metal covers adapted to screw over the portion of the container in which the opening thereof is located be provided, and a trackway similar to the track 1, for a sliding cap similar to the cap 7 be moulded or pressed on or into such screw cover. Such a device will make my invention usable in connection with any sort of container.

The material suggested for the cap 7 may be any metal such for example as is used in ordinary covers in common use for toothpaste tubes. If it be desired to add a touch of color, celluloid or rubber composition of

different colors may be used.

I am aware that prior to my invention sliding covers for containers have been in common use. I therefore do not claim such

a combination broadly, but I claim:

1. The combination in a cover for an opening in a container of a flanged track or rail, an opening for said container extending outward through said track, rounded edges for said opening, a raised and rounded area surrounding said opening, tapers on the flanges
of said track thickened toward the end adjacent to said opening, extensions of said flanges at the opposite end of said track into

projecting tips.

2. In a covering for an opening in a con-45 tainer, the combination of a flanged track or rail, an opening for said container extending through said track, rounded edges for said opening, a raised and rounded area surrounding said opening, tapers on the 50 flanges of said track thickened toward the end adjacent to said opening, a grooved cap adjusted to slide back and forth on said track or rail to and from covering position over said opening, grooves in said cap tapered 55 reciprocally to fit over the tapered flanges of said track, a depression formed on the under side of said cap; a resilient cork or pad for insertion therein, stop means for said cap at either end of said track, locking means to 60 hold said cap firmly in covering position over said opening.

City of Edmonton, March 2nd, 1931.