

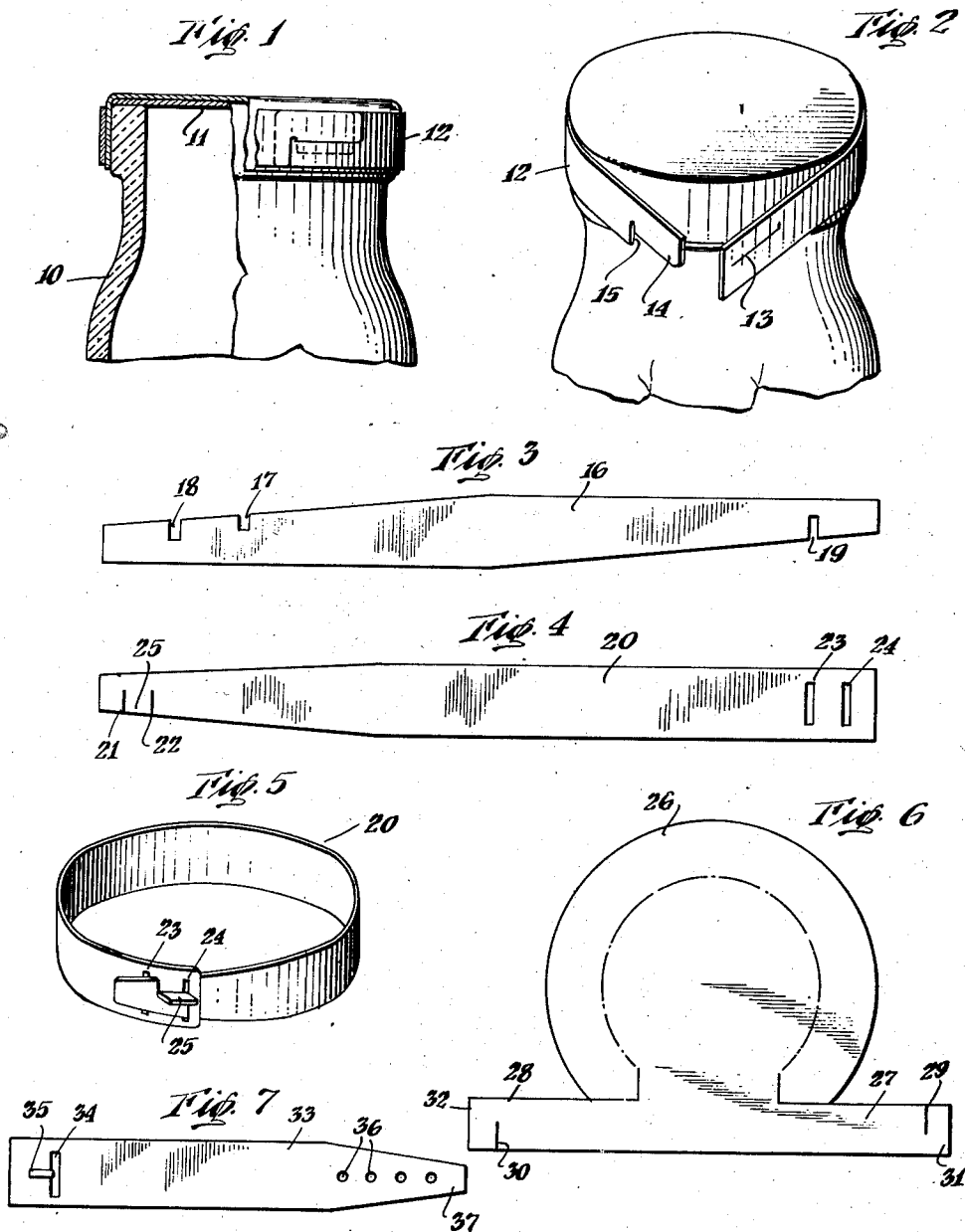
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BOTTLE CLOSURES

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BOTTLE CLOSURE

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1 Claim. (Cl. 215—38)

My invention relates to improvements in bottle closures, particularly to a closure for bottles with comparatively thin necks, but also equally well adapted to close jars and other containers having a comparatively wide neck portion.

It is the principal object of my invention to provide a double closure, an inner closure of any suitable material, as for instance wax paper, paraffin paper, or the like substances adapted to protect the bottle contents against contamination and tampering, and an outer, adjustable keeper or holder for securely holding the inner closure in place in order to prevent, for instance with milk bottles, stray dogs or cats from contaminating the bottle rim or mouth by lapping.

Another object of my invention is the provision of a double closure for bottles or like containers which may be used for advertising purposes etc.

A further object of my invention is the provision of keepers or holders for the inner cover to securely hold the same in place to prevent the bottle mouth from coming into contact with dirt or the like, and which may have a variety of forms adaptable to the timely requirements.

A still further object of my invention is the provision of keepers which are readily adjustable in a simple and expedient manner, and inexpensive to make, yet durable and highly efficient in use.

These and other objects and advantages of my invention will become more fully known as the description thereof proceeds, and will then be specifically defined in the appended claim.

In the accompanying drawing forming a material part of this disclosure:

Fig. 1 is a fragmentary view, partly in section and partly in elevation, of a bottle neck with its inner closure and the keeper therefor in closed position.

Fig. 2 shows the same closure with the keeper, open.

Fig. 3 shows a closure strip adjustable to any width of bottle neck by means of the provision of a plurality of marginal slots.

Fig. 4 shows a modification of the outer closure strip having a slitted tongue to fit into a plurality of slits or slots in its other end, the strip being flattened.

Fig. 5 shows the strip, Fig. 4 in closed position.

Fig. 6 illustrates the keeper in form of a hood for closing the bottle mouth over the inner closure with the locking strips extending therefrom laterally.

Fig. 7 shows another modification of the keeper strip having a locking tongue at one end adapted

to fit into any of the perforations in its other end.

As illustrated in Figures 1 and 2, the inner closure for the bottle 10 is designated 11 and is represented by a circular disc covering the bottle's mouth, resting on its upper rim located in any of the well known bottle caps, and is held in place by means of an outer keeper or closure strip 12 carried about the bottle's neck and having one or more horizontal slots 13 in one of its ends adapted to receive a tongue 14 formed at its other end with which a shoulder 15 is formed which in the closure position engages the opposite end of the strip when the lower edge of the tongue 14 is pressed from the inside through the slot 13.

In the form of keeper illustrated in Fig. 3 a strip 16 of strong paper has at one end formed therewith a plurality of marginal slits 17, 18, and at its opposite end in its opposite margin another slit or slits 19 so that when the strip is guided about a bottle neck either end will fit into one or the other of the slits to securely lock the keeper strip in its adjusted position, the ends may then be bent out of the plane of the strip into an angular position to its body and may be provided with suitable advertising matter.

In the form of keeper strip illustrated in Figs. 4 and 5, the strip 20 has provided in one of its margins the slits 21, 22, and at its opposite end the slots 23, 24. The slits 21, 22 provide between them a tongue 25 to form a locking member, when bent angularly to the plane of the strip after having been passed through one of the slots 23, 24, as shown in Fig. 5 preventing the end of the strip from slipping out of any of the slots 23, 24.

In Fig. 6 I have seen a keeper or locking member for the cover designated 26 to be placed with its hood over the bottle mouth covered by the inner closure, and having laterally extending tongues 27, 28 formed therewith which are carried about the bottle's neck and have slits 29, 30 in its oppositely disposed margins to be engaged by the marginal edges and forming outer end flaps 31, 32 for the reception of advertising matter or the like when they are bent angularly outwards.

In the form of locking strip or keeper for the inner closure, illustrated in Fig. 7, the strip 33 has at one end a slot 34 and a tongue 35 formed therewith adapted to engage one or the other of the perforations 36 in the tongue-shaped end of the strip designated 37.

The operation and use of my bottle closure will be entirely clear from the above description

thereof and comparison with the accompanying drawing.

It will be understood that I have shown and described the preferred forms of my invention only as a few examples of the many possible ways to practically make the same, and that I may make such changes in the general arrangement and in the construction of the minor details as come within the scope of the appended claims without departure from the spirit of my invention and the principles involved.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent is:

In a double closure for bottles having necks of varying dimensions, an inner closure sheet adapted to cover the bottle's mouth, and an outer closure strip guided about the bottle and said closure sheet, said closure strip having a plurality of slots at one end and a plurality of slits in its other end to form a closure tongue adapted to be bent out of the plane of the strip to form an abutment preventing the accidental displacement of the tongue of said strip after its passage through any of the slots in said closure strip.

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