

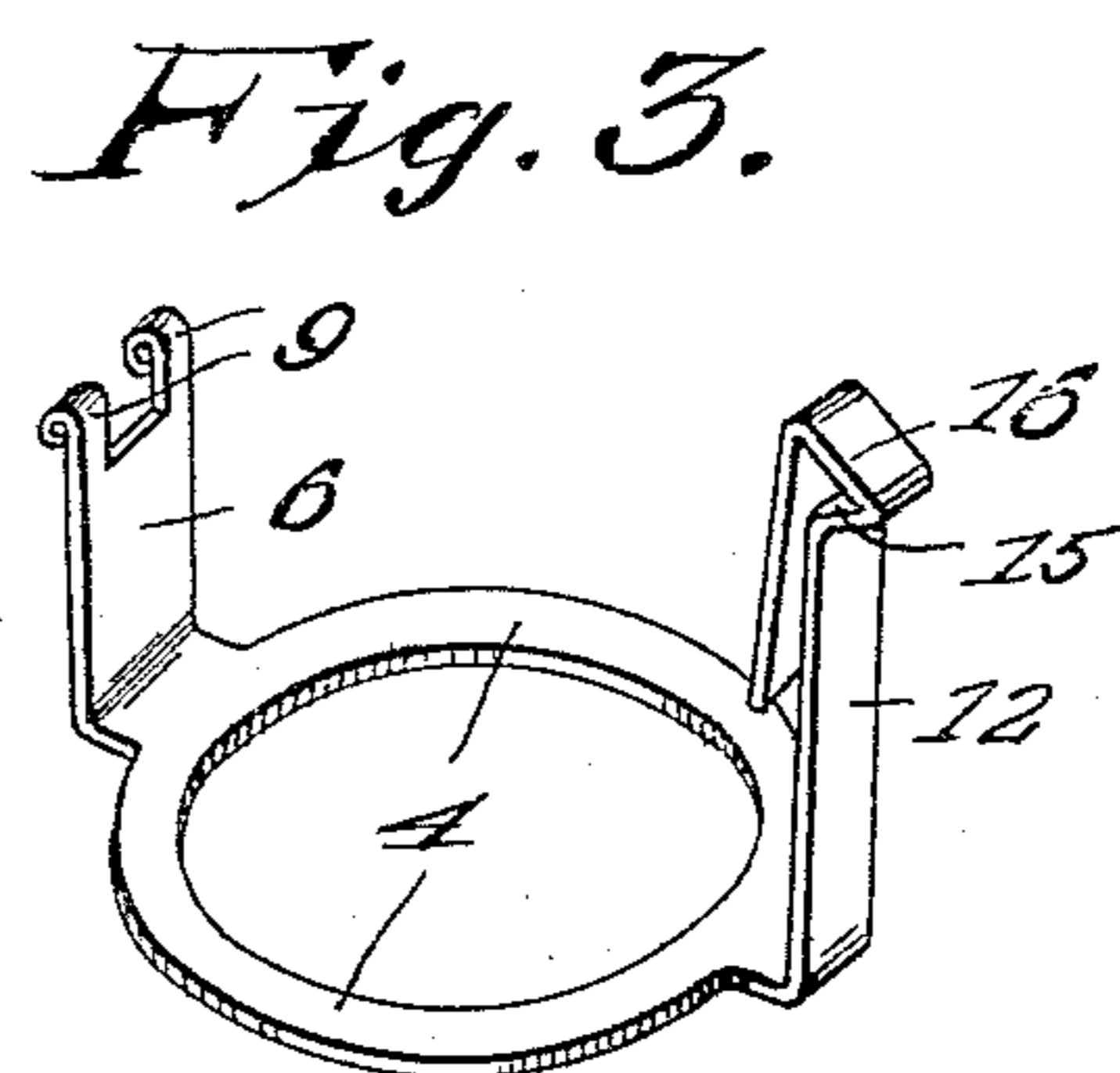
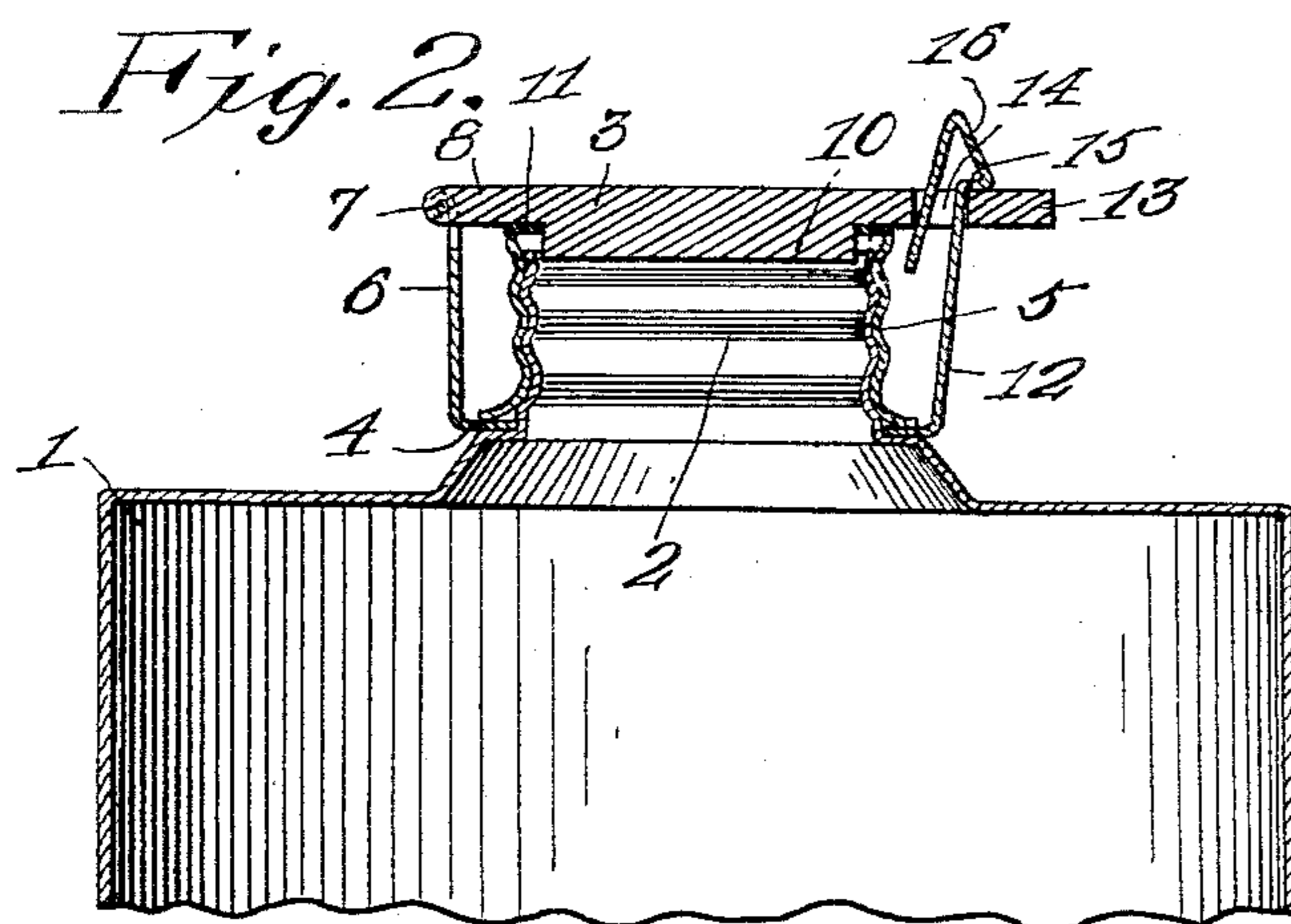
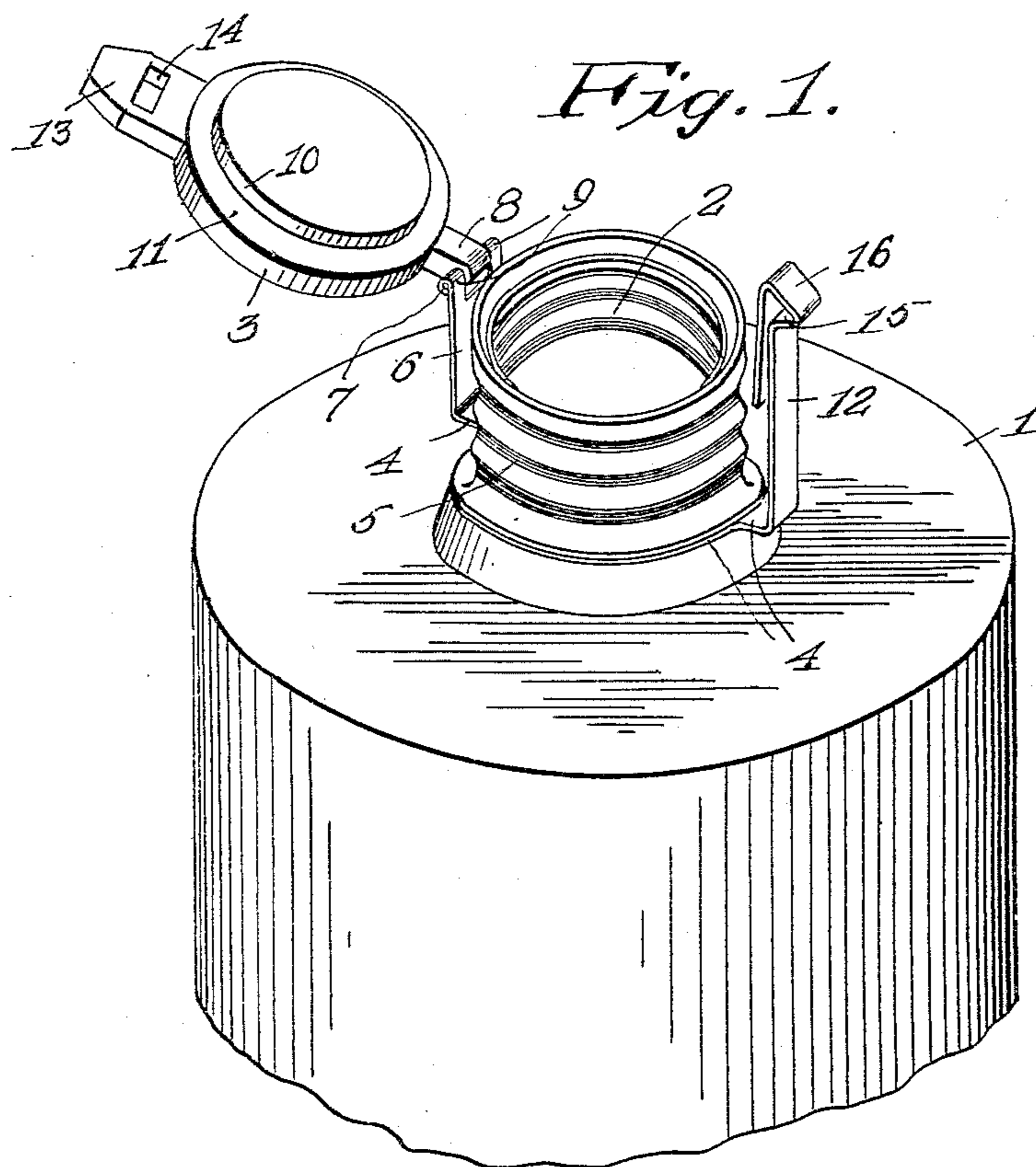
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W. J. CARD.
CAN CLOSURE.

APPLICATION FILED APR. 27, 1909.

934,792.

Patented Sept. 21, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

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CAN-CLOSURE.

934,792.

Specification of Letters Patent.

Patented Sept. 21, 1909.

Application filed April 27, 1909. Serial No. 492,558.

To all whom it may concern:

Be it known that I, WILLIAM J. CARD, a citizen of the United States, residing at Edinboro, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Can-Closures, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to improvements in closures for cans, jars and other containers.

The object of the invention is to provide a simple and practical device of this character in the form of an attachment especially adapted for use upon oil cans, syrup cans and the like having screw necks, the attachment having a hingedly mounted cover plate which cannot be lost and which will not stick as is the case with the usual removable screw caps used as closures for such cans.

20 With the above and other objects in view, the invention consists of the novel features of construction and the combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a can showing the invention applied thereto and with the cover plate in open position; Fig. 2 is a sectional view through the same showing the cover plate in closed position; and Fig. 3 is a detail perspective view of the member which carries the cover plate.

35 In the drawings 1 denotes a can, jar or other container for oil, syrup, etc., and 2 denotes a screw threaded neck for such container.

The invention consists of a cover plate 3 and a member 4 which is applied to the neck 2 and carries the cover 3 and a suitable fastening therefor. As illustrated, said member 4 is in the form of a washer-like ring to receive the screw neck 2 and it is preferably retained upon the latter by a screw ring 5 which is screwed upon the neck 2 above the member 4, as shown more clearly in Fig. 2. As illustrated, said member 4 has upon one side an upstanding arm 6 to which the cover plate 3 is hinged by means of a horizontal pivot 7 passed through a hinge lug 8 formed on the cover plate and through hinge eyes 9 formed on the bifurcated upper end of the arm 6. Said cover plate 6 is preferably circular in shape and of such size

50 as to fit snugly over the neck 2 of the can on which it is desired it may

be formed upon its bottom with an enlargement 10 to enter the neck 2 and surrounding said enlargement may be provided a packing ring 11 of rubber or other material which will rest upon the projecting upper edge of the screw retaining ring 5, as shown in Fig. 2.

Rising from the member or ring 4 at a point opposite the hinge arm 6 is a catch arm 12 adapted to engage a finger piece or projection 13 on the cover plate 3 to retain the latter in its closed position. Said member 4 is preferably made of resilient material, in which case the arm 12 serves as a spring catch, its upper extremity being bent into substantially triangular form to provide a head to enter a slot or opening 14 formed in the finger piece 13, said triangular head of the spring catch having a horizontal shoulder 15 to rest upon the top of the finger piece 13 and a beveled or inclined upper face 16 which guides the catch arm into the opening 14 when the cover plate 3 is swung to its closed position. When it is desired to unlock the cover plate, it is only necessary to press inwardly against the beveled face 16 of the projecting head of the catch until the shoulder 15 registers with the slot 14, whereupon the cover plate may be swung upwardly and over to its open position shown in Fig. 1. When the cover plate is swung downwardly to its closed position the catch head enters the opening and its shoulder 15 springs into engagement with the top of the finger piece 13 to lock the cover plate.

From the foregoing it will be seen that the invention provides an exceedingly simple and practical closure which is in the form of an attachment adapted to be applied to cans, jars, and other containers having screw necks for the usual removable screw caps. By substituting the improved closure for the removable screw cap, the cover plate cannot become lost because it is attached to the can and it cannot become stuck as do the screw caps when used on syrup cans and the like.

Having thus described the invention what is claimed is:

1. The combination of a container having a screw neck, a member made of resilient material and having a ring portion to receive said neck, a screw ring upon the neck, and a cover plate hinged to the member and adapted to be swung into and out of engagement with the neck.

plate hinged to one of said arms and provided with an opening and a shouldered head upon the other arm to enter said opening in the cover plate to retain the latter in closed position.

2. The combination of a container having a screw neck, a member arranged on the neck, a screw ring on the neck to retain said member thereon, a cover plate hinged to said member and having an opening and a

spring catch upon said member having a substantially triangular-shaped shouldered head to enter said opening in the cover plate and retain the latter in closed position.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

WILLIAM J. CARD.

Witnesses:

B. B. BAKER,
J. O. SHELTON.

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