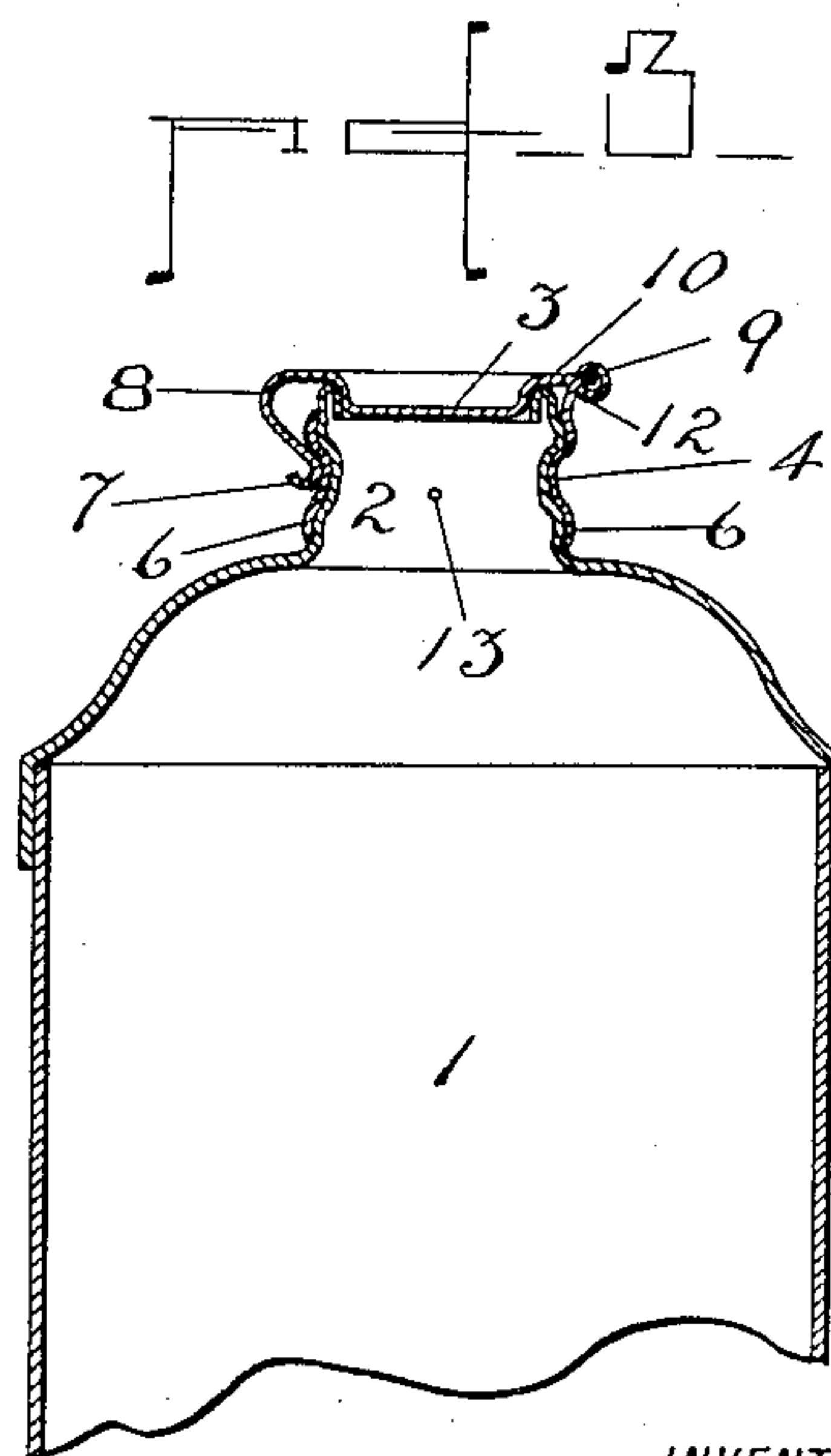
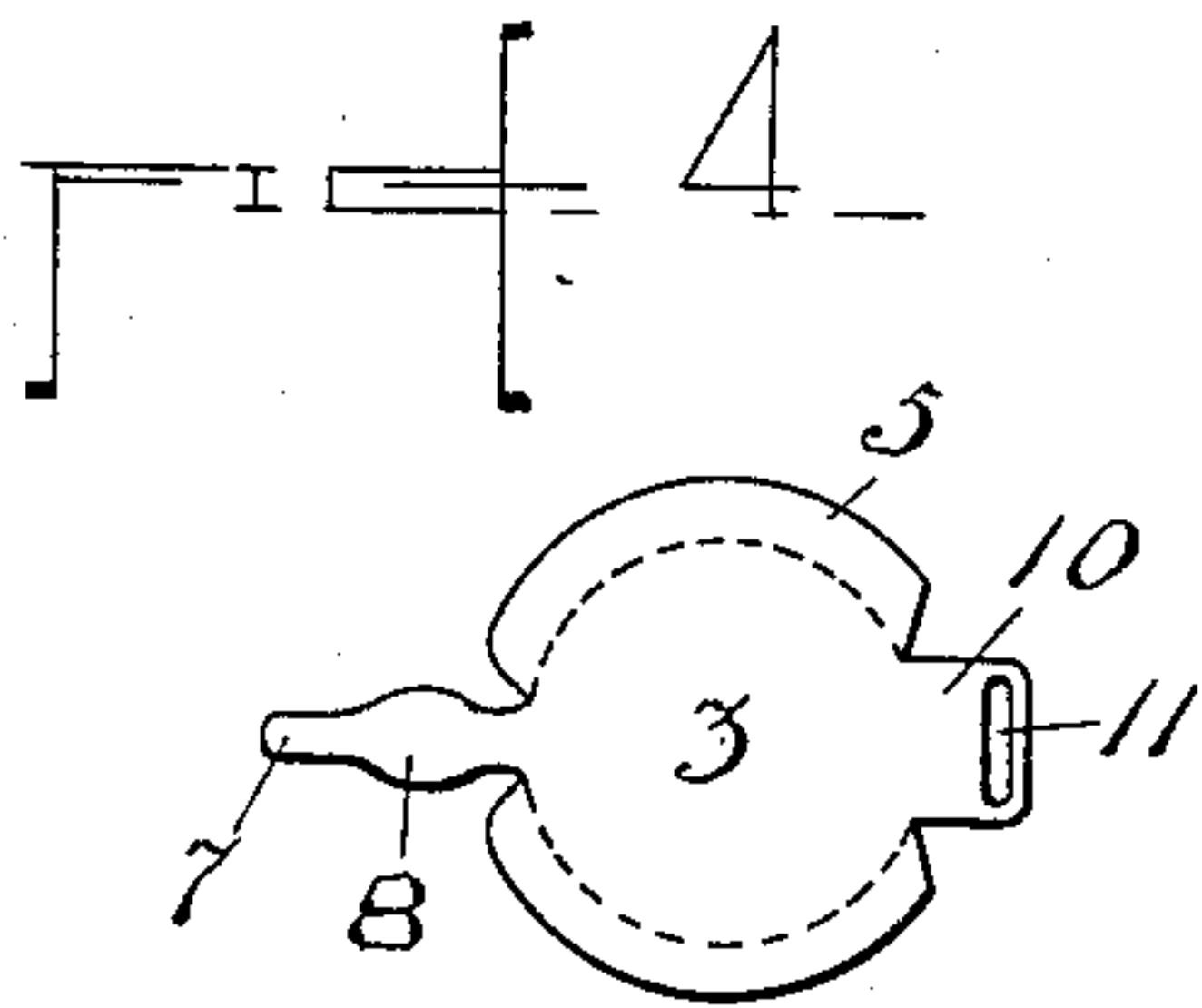
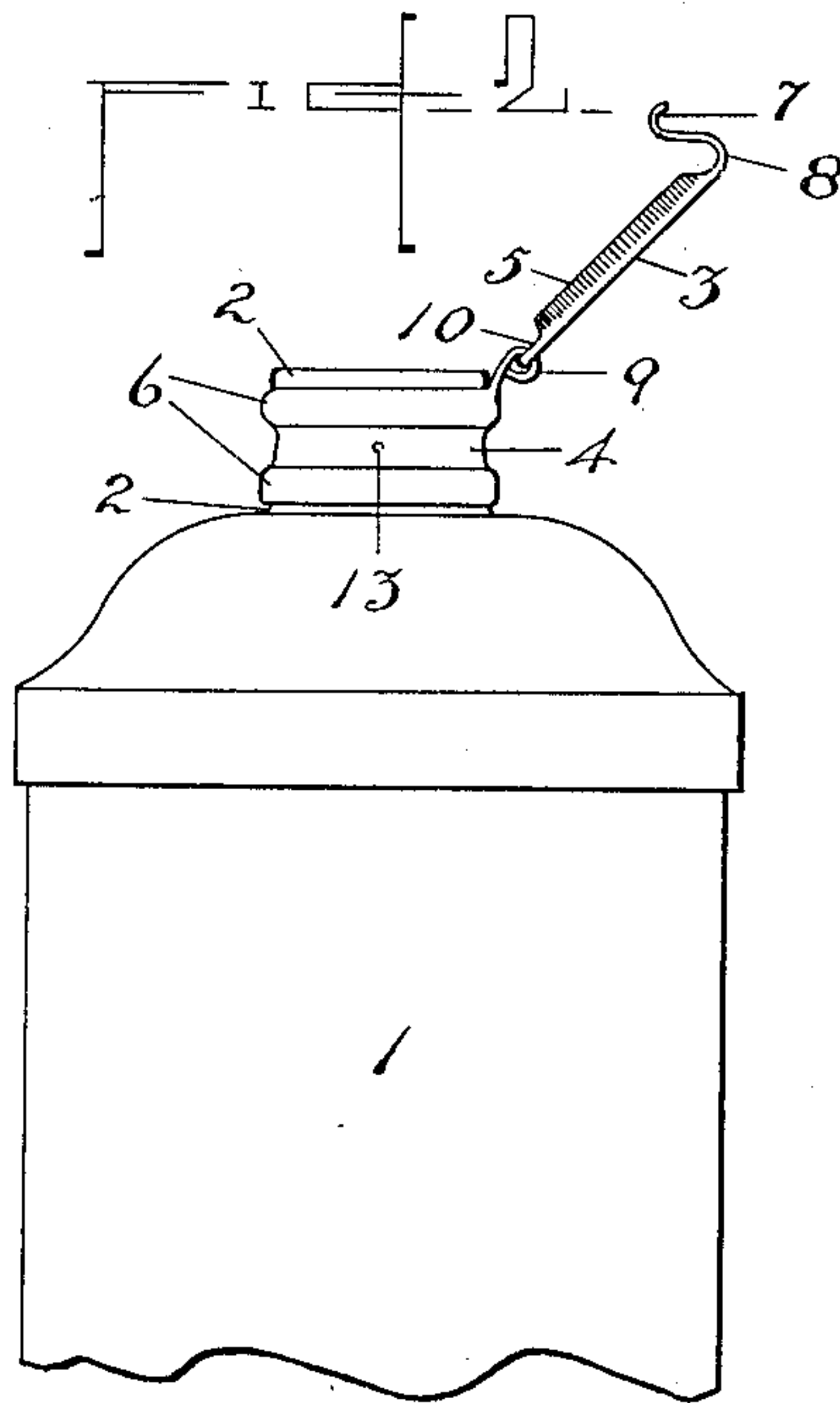
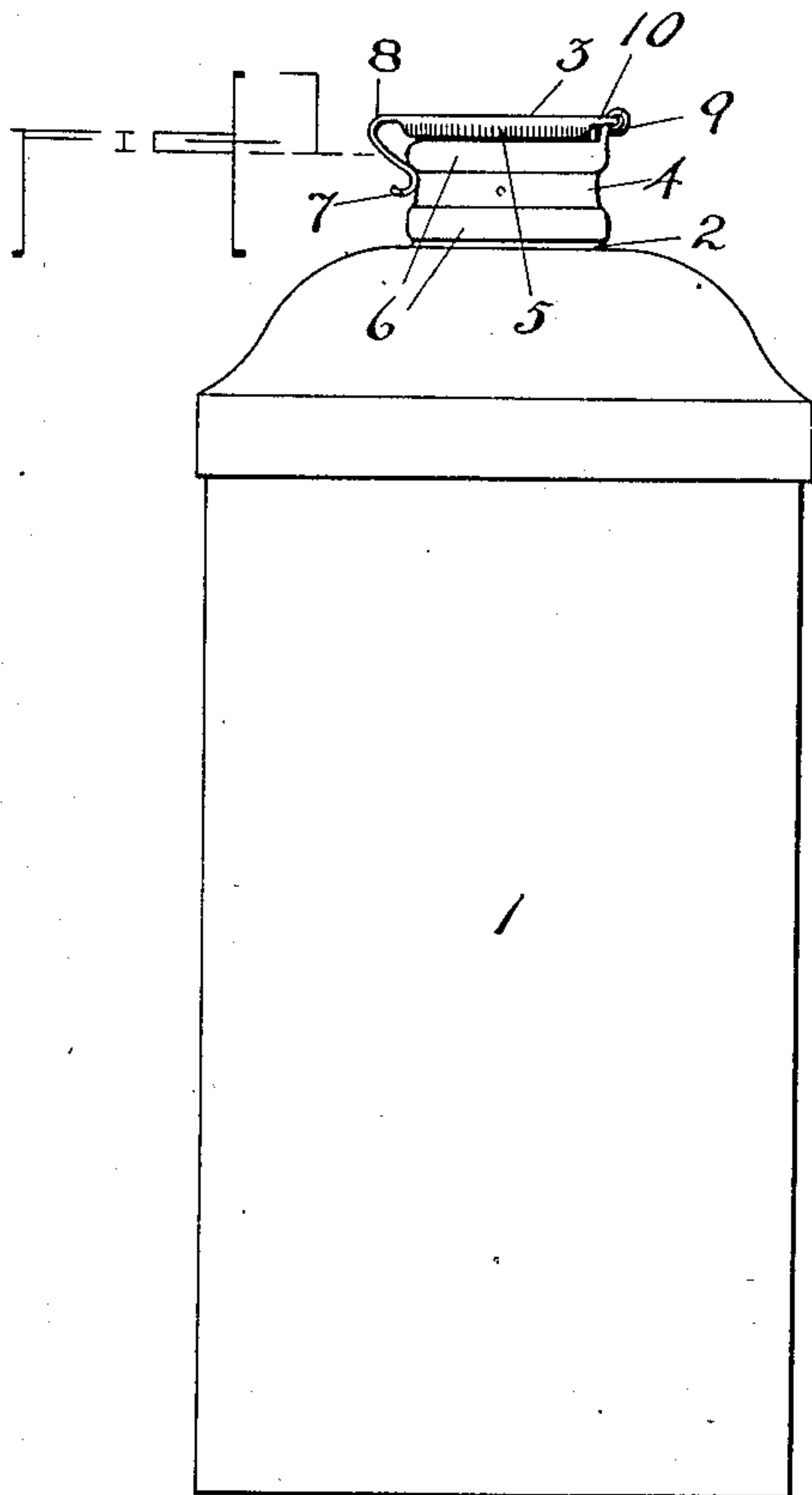


No. 876,000.

PATENTED JAN. 7, 1908.

W. F. HYATT.
CLOSURE FOR CANS.
APPLICATION FILED SEPT. 10, 1904.



WITNESSES:

C. F. Tschmied
Arthur Fuchs

INVENTOR

William F. Hyatt

BY

Trueman & Decker

ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM F. HYATT, OF BROOKLYN, NEW YORK.

CLOSURE FOR CANS.

No. 876,000.

Specification of Letters Patent.

Patented Jan. 7, 1908.

Application filed September 10, 1904. Serial No. 223,958.

To all whom it may concern:

Be it known that I, WILLIAM F. HYATT, a citizen of the United States, and a resident of Brooklyn, in the county of Kings and State of New York, (with post-office address 262 Garfield Place,) have invented certain new and useful Improvements in Closures for Cans and other Receptacles, of which the following is a specification.

10 My invention relates to tops or closures for cans or receptacles made of sheet metal and is designed more particularly for cans or receptacles containing a dentifrice or other powder.

15 The invention has special reference to cans which have a hinged cover secured in closed position by a spring catch as described in a prior application for patent filed by me February 20th, 1904, Serial Number 194,603.

20 One of the objects of my invention is to make the closure perfectly tight when the cover is down.

Other objects are to secure cheapness of construction, together with strength and 25 stability.

To these ends, my invention consists first in the provision for the sheet metal neck of the can, of a continuous sheet metal reinforcing collar applied thereto immediately 30 beneath the mouth or opening and to which collar the sheet metal cover is hinged, said collar being secured by means of a bead spun in the neck and collar and serving both as a means of attachment for the collar and as a 35 projection for engagement by a spring catch carried by the cover.

My invention consists further in the details of construction and combinations of parts hereinafter set forth and then specified 40 in the claims.

In the accompanying drawings Figure 1 is a side elevation of a can top embodying my invention, the cover being closed. Fig. 2 shows the cover open. Fig. 3 is a vertical 45 central section through the neck and cover. Fig. 4 shows the blank from which the cover may be formed.

1 is the body of the can and 2 is the neck, the mouth of which is closed by the cover 3. 50 The latter may be of any desired form but preferably has a depressed center fitting into the mouth like a stopper, and an annular depending skirt or flange 5 fitting down over the outside of the mouth. The neck 2 at its

outer or upper edge is turned over inwardly 55 to form a mouth, thus securing strength or stiffness at this point where the cover or stopper fits into the same.

Upon the neck 2 is a sheet metal collar 4 secured against detachment by one or more 60 outwardly projecting annular beads 6, forming a projection or shoulder over which the catch 7 on the cover may spring and hold the cover firmly closed by locking on the underside of the bead.

The catch may consist, as described in my 65 prior application, of a spring tongue extending from the cover integral therewith and having a bead at 8, adapted to be engaged by the thumb or finger when it is desired to open 70 the cover, and located as shown, so that upward pressure under the bead 8 will tend to swing the lower end of the tongue outward away from engagement beneath the bead.

From the collar 4 extends an ear or projec- 75 tion 9, preferably integral therewith, and to which the cover is directly hinged. This hinging is shown as effected in the manner described in my prior application, by providing the cover with an ear or projection 10, 80 which is provided with a slot 11 and is hinged to the ear 9 by passing the tip of the ear through the slot and bending it around as shown at 12.

By the above construction I secure stiff- 85 ness in the neck thus permitting the body of the neck to be made of very thin sheet metal and also producing a firm locking and closure of the can. Moreover the hinge ear 9 being formed on the sheet metal collar instead of 90 the sheet metal neck, the manufacture of the closure is considerably facilitated. If desired, the neck and collar may be indented as shown at 13 to prevent the collar from turning on the neck.

What I claim as my invention is:

1. The combination with a sheet metal can having a sheet metal neck, of a cover having a spring catch, and a continuous sheet metal reinforcing collar secured to the neck by a 100 bead spun in the sheet metal of the neck and collar, and serving for engagement by the spring catch carried by the cover.

2. In a sheet metal can, the combination with the sheet metal neck, of a continuous 105 sheet metal reinforcing collar secured thereto by an annular bead spun in the neck and collar, a hinge ear integral with the collar and a

cover having a hinge ear, said ears being hinged together by interlocking the tip of one in a slot in the other, and a spring catch integral with the cover and adapted to engage
5 with the bead on the collar.

3. In a sheet metal can, the combination with the sheet metal neck thereof turned down inwardly at its mouth, of a metal collar encircling the neck and having a hinge ear
10 integral with it for attachment of the cover

and a bead spun in the neck and collar below the inwardly turned mouth, as and for the purpose described.

Signed at Asbury Park in the county of Monmouth and State of New Jersey this 31 15 day of August A. D. 1904.

WILLIAM F. HYATT.

Witnesses:

PAUL A. PATTERSON,
CHAS. E. COOK.