

(No Model.)

C. BRAMBERG.
CAN NOZZLE.

No. 547,574.

Patented Oct. 8, 1895.

Fig. 1.

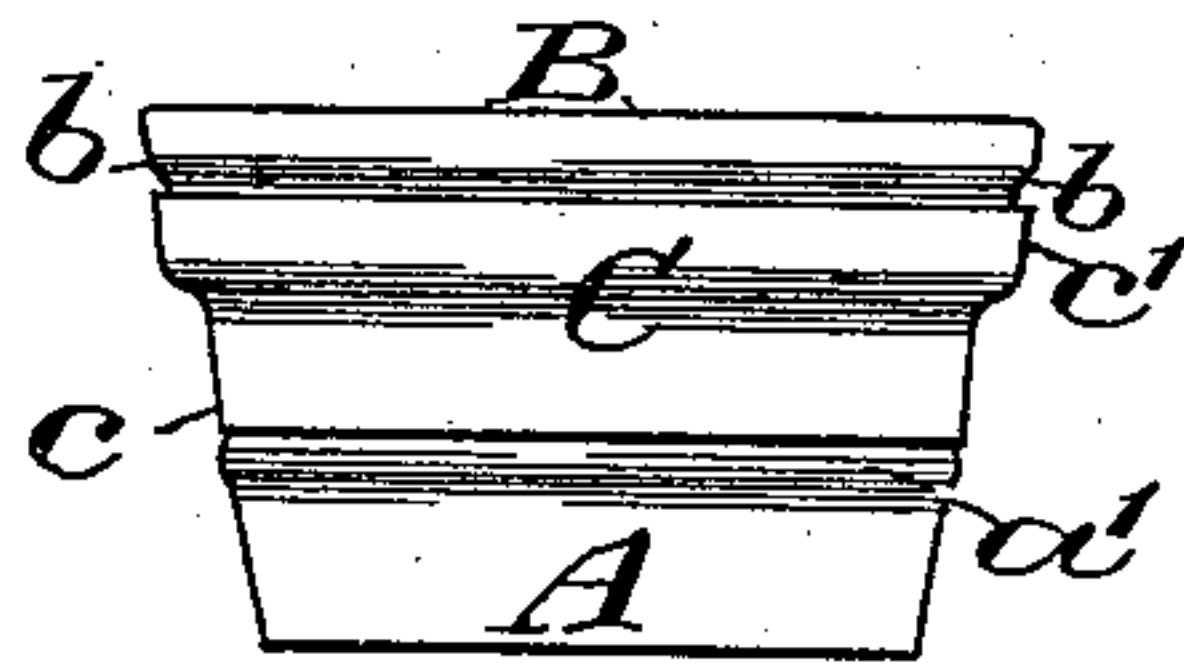


Fig. 2.

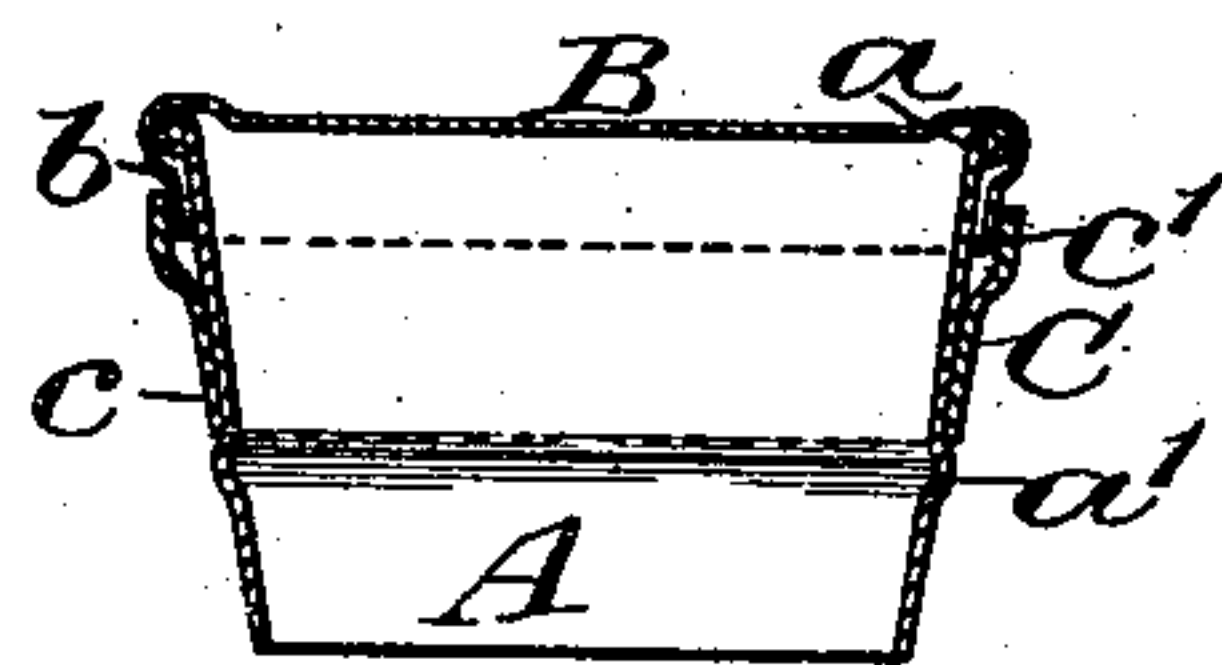


Fig. 3.

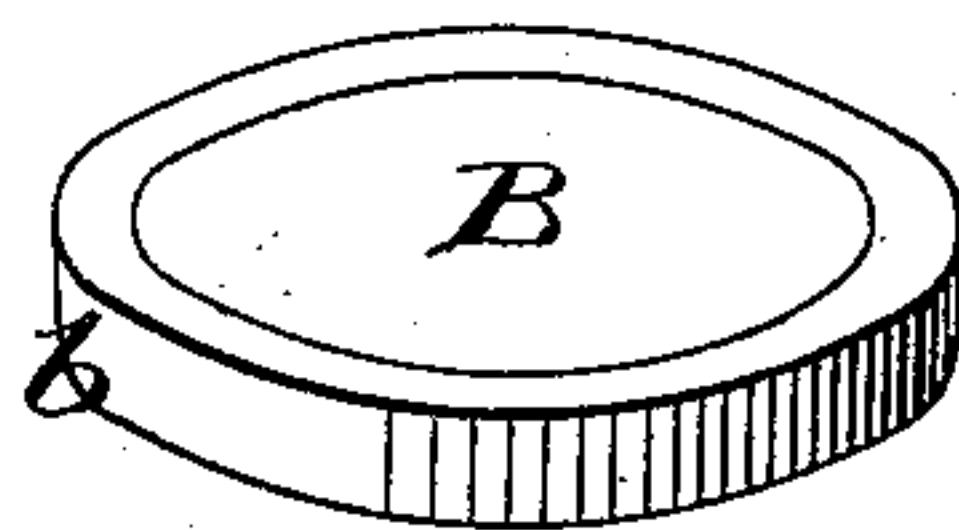


Fig. 4.

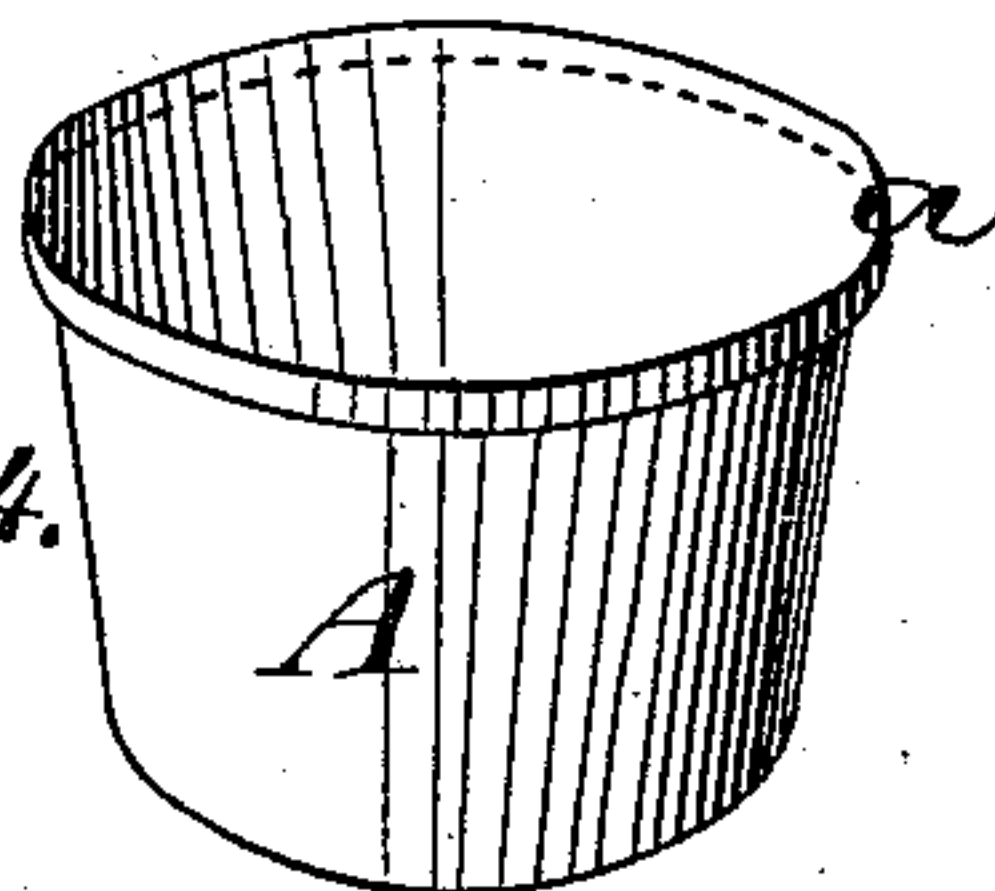


Fig. 5.

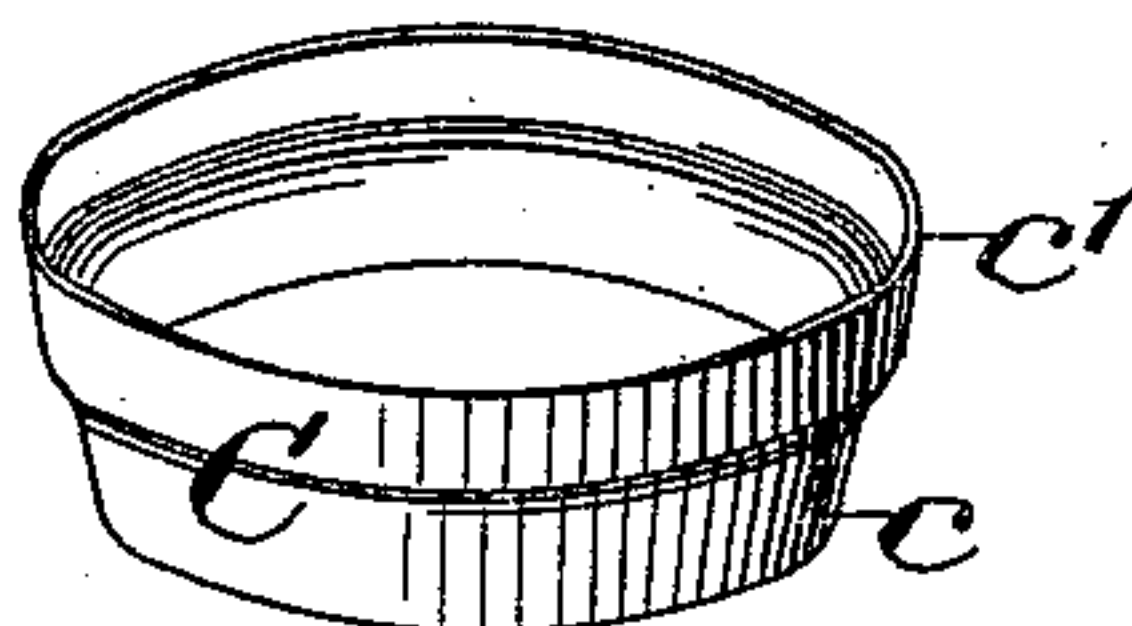
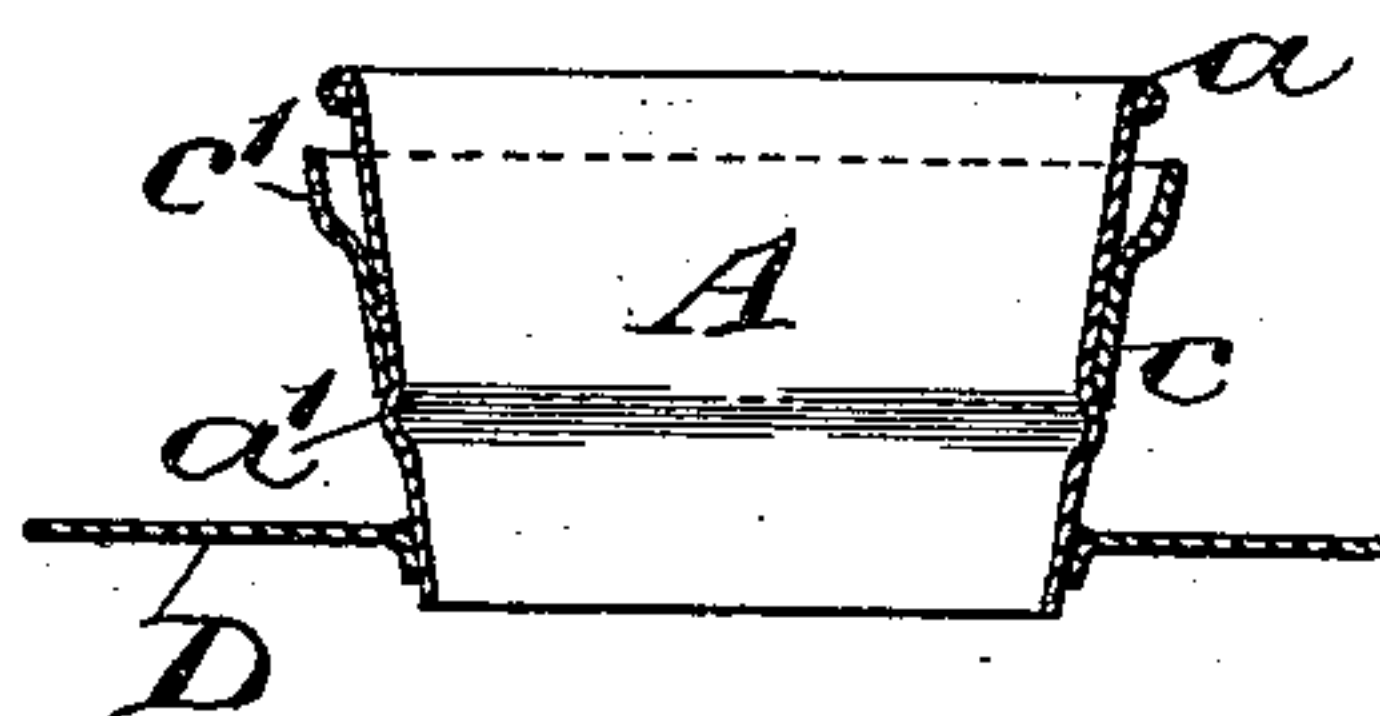


Fig. 6.



Witnesses:-
George Barry,
M. B. Leland.

Inventor:-
Charles Bramberg.
by attorneys
Brown & Ward

UNITED STATES PATENT OFFICE.

CHARLES BRAMBERG, OF BROOKLYN, ASSIGNOR TO THE STANDARD
VARNISH WORKS, OF NEW YORK, N. Y.

CAN-NOZZLE.

SPECIFICATION forming part of Letters Patent No. 547,574, dated October 8, 1895.

Application filed May 16, 1895. Serial No. 549,473. (No model.)

To all whom it may concern:

Be it known that I, CHARLES BRAMBERG, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Can-Nozzles, of which the following is a specification.

My invention relates to an improvement in can-nozzles in which provision is made for preventing the uncapping and recapping of the nozzle for purposes of adulterating or changing the contents of the can without detection.

I have shown my invention in connection with a nozzle such as is commonly employed on a varnish-can; but it is obvious that it may be applied in connection with cans for other purposes.

In the accompanying drawings, Figure 1 is a view of the nozzle in side elevation in detail. Fig. 2 is a vertical section through the same. Fig. 3 is a view of the cap in detail. Fig. 4 is a view of the body of the nozzle in detail. Fig. 5 is a view of the auxiliary rim for concealing the edge of the cap; and Fig. 6 is a vertical section through the nozzle and part of the top of the can, the cap being removed and the auxiliary rim fixed in position on the body of the nozzle.

The body of the nozzle is denoted by A. It is made slightly taper, decreasing toward its lower end, and at its upper end has its edge *a* rolled over to form a bead about the exterior of its top.

B represents the cap, having a downwardly-projecting rim *b* formed at its outer edge, and is intended to fit tightly over the top of the body A of the nozzle. An auxiliary annular rim C has its lower contracted portion *c* fitted to snugly embrace the body A of the nozzle a short distance below its upper end, while the upper portion *c'* of the auxiliary rim C is expanded, so that when it is placed upon the body of the nozzle there will be formed an annular space between it and the exterior of the body of the nozzle.

The parts are assembled as follows: Before inserting the body of the nozzle A into the top of the can and securing it there the auxiliary

rim C is slipped on into its position, (shown in Figs. 1, 2, and 6,) and the body A of the nozzle is then expanded to form an annular bead *a'* immediately below the lower end of the auxiliary rim C, which effectually secures the rim C against displacement on the body of the nozzle. The body of the nozzle A may then be secured to the top D of the can in any well-known or approved manner. After the can is filled the cap B is placed over the top of the body of the nozzle, with its depending flange or rim *b* projecting downwardly between the upper portion of the auxiliary rim C and the body of the nozzle, as shown in Fig. 2. The cap B may then be secured in its position by means of compressing it underneath the bead *a* on the top of the body of the nozzle, at the same time pressing the upper portion *c'* of the auxiliary rim into close contact with the lower portion of the flange or rim *b*. This will be easily accomplished, as the lower portion of the flange or rim *b* will have a tendency to crowd outwardly against the upper portion of the auxiliary rim C during the operation of crimping the said flange *b* under the bead *a*. When so locked to the top of the nozzle the cap B cannot be removed without in some manner cutting it or distorting the auxiliary rim C, which overlaps the lower edge of the flange *b*, so that if the cap B shall have been removed for purposes of adulteration or changing the contents of the can it can easily be detected and the trouble guarded against.

What I claim is—

1. The nozzle, comprising the body portion having an outwardly projecting rim at its mouth, an auxiliary rim fitted to the body portion at its lower end and having its opposite end spaced from the body portion and a cap fitted to the end of the nozzle and having a depending flange compressed beneath the rim of the mouth of the nozzle to hold the cap in position, the lower edge of the flange of the cap being extended between the body of the nozzle and the spaced end of the auxiliary rim, substantially as set forth.

2. The nozzle, comprising the tapered body

portion provided with an outwardly projecting rim at its mouth, the auxiliary rim fitted at one end to the tapered body portion and at its opposite end spaced from the body portion and a cap fitted to the larger end of the tapered nozzle and having a flange compressed beneath the rim of the mouth of the nozzle and extended between the body of the nozzle and the spaced portion of the auxiliary rim, substantially as set forth.

CHARLES BRAMBERG.

Witnesses:

FREDK. HAYNES,

IRENE B. DECKER.