

P. A. ROOK.
CAN CLOSING APPLIANCE.
APPLICATION FILED DEC. 24, 1910.

1,037,541.

Patented Sept. 3, 1912.

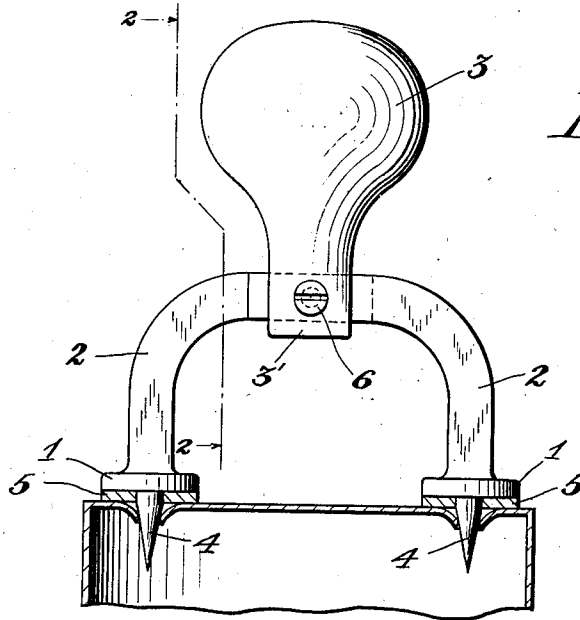


Fig. 1

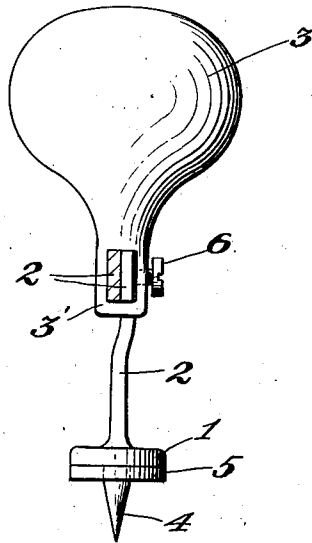


Fig. 2.

Witnesses

Carlita Adams
James C. Sproll.

Inventor
Paul A. Rook.

By

Adams & Brooks

Attorneys

UNITED STATES PATENT OFFICE.

PAUL A. ROOK, OF SEATTLE, WASHINGTON, ASSIGNOR OF ONE-HALF TO BENJAMIN J. ROOK, OF SEATTLE, WASHINGTON.

CAN-CLOSING APPLIANCE.

1,037,541.

Specification of Letters Patent.

Patented Sept. 3, 1912.

Application filed December 24, 1910. Serial No. 599,205.

To all whom it may concern:

Be it known that I, PAUL A. ROOK, a citizen of the United States of America, and a resident of the city of Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Can-Closing Appliances, of which the following is a specification.

The present invention pertains to a novel appliance for producing and closing vent openings in cans and it consists in the novel features and combinations of parts as set forth in the following description and defined in the annexed claims.

The primary aim of the invention is the production of a device of the above type which may be employed to puncture a can for discharge and also applied as a closure for vents.

In the accompanying drawings, wherein similar reference characters designate corresponding parts throughout: Figure 1 shows in side elevation a device embodying the features of my invention, in such form as now preferred by me, applied to the end of a can, and Fig. 2 is a section on line 2—2 of Fig. 1.

The device, as shown, comprises base parts or shoulders 1, 1, combined with oppositely disposed angular stems 2, 2 which are connected with a hand part 3 in the form of a knob. The base parts 1, 1 serve as backings for suitable packings, conveniently provided in the form of rubber washers 5, 5, which fit snugly about the upper end portions of respective downwardly projecting extensions 4, 4 of the base parts 1, 1. The extensions 4, 4, as will be observed, taper downwardly and terminate in pointed ends, whereby they are adapted to serve as means for puncturing a can at spaced points to provide vents therein and to guide the device in applying the same as a closure for vents.

The stems 2, 2, as shown, are releasably connected with hand part 3 whereby they can be adjusted to vary the spacing of the extensions 4, 4 as may be desired in adapting the device for puncturing cans of different diameters or to adjust the extensions 4, 4 in conformity with the spacing of vents in applying the device to cans. In this con-

nection it will be observed that hand part 3 is provided with a rectangular eye extension 3' wherein the stems 2, 2 are slidably engaged in overlapping relation and normally secured by a clamping screw 6 seated in one side wall of the eye.

In applying the device to a can previously punctured to provide spaced vents, screw 6 is first loosened to release the stems 2, 2, which are then adjusted in eye 3' to space the extensions 4, 4 in conformity with the spacing of the vents. Screw 6 is then set up and the device positioned by inserting the extensions in the vents with downward pressure of the hand on part 3 to apply the packings 5, 5 to the can.

In using the device to puncture a can the extensions 4, 4 are first adjusted in the manner just described to a spacing somewhat less than the diameter of the can. Screw 6 is then set up and the device applied, under pressure of the hand on part 3 with the points of the extensions 4, 4 against one end of the can.

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

1. A can closing appliance comprising a hand part provided with an eye extension, angular stems each having one end portion slidably engaged in the eye of said extension of the hand part, means adjustably holding the said last named end portions of said stems, and vent entering members of relatively small diameter depending from the other end portions of said stems.

2. A device of the character described comprising a hand part, angular stems having depending portions provided on their free ends with enlarged base parts, vent entering members of relatively small diameter fixed to and depending from the base parts of said stems, said stems being adjustably mounted on said hand part for adjustment of said vent entering members toward and from one another, and means for adjustably securing said stems to said hand part.

3. A device of the character described comprising a knob-like hand part, angular stems on said hand part projecting there-

from in relatively opposite directions and
having depending free portions, the free
ends of said stems being enlarged, and vent
entering members of relatively small di-
5 ameter fixed to the under faces of the free
ends of said stems and spaced inwardly
from the edges thereof.

Signed at Seattle, Washington this 15th
day of December 1910.

PAUL A. ROOK.

Witnesses:

B. J. ROOK,
C. M. HADLEY.