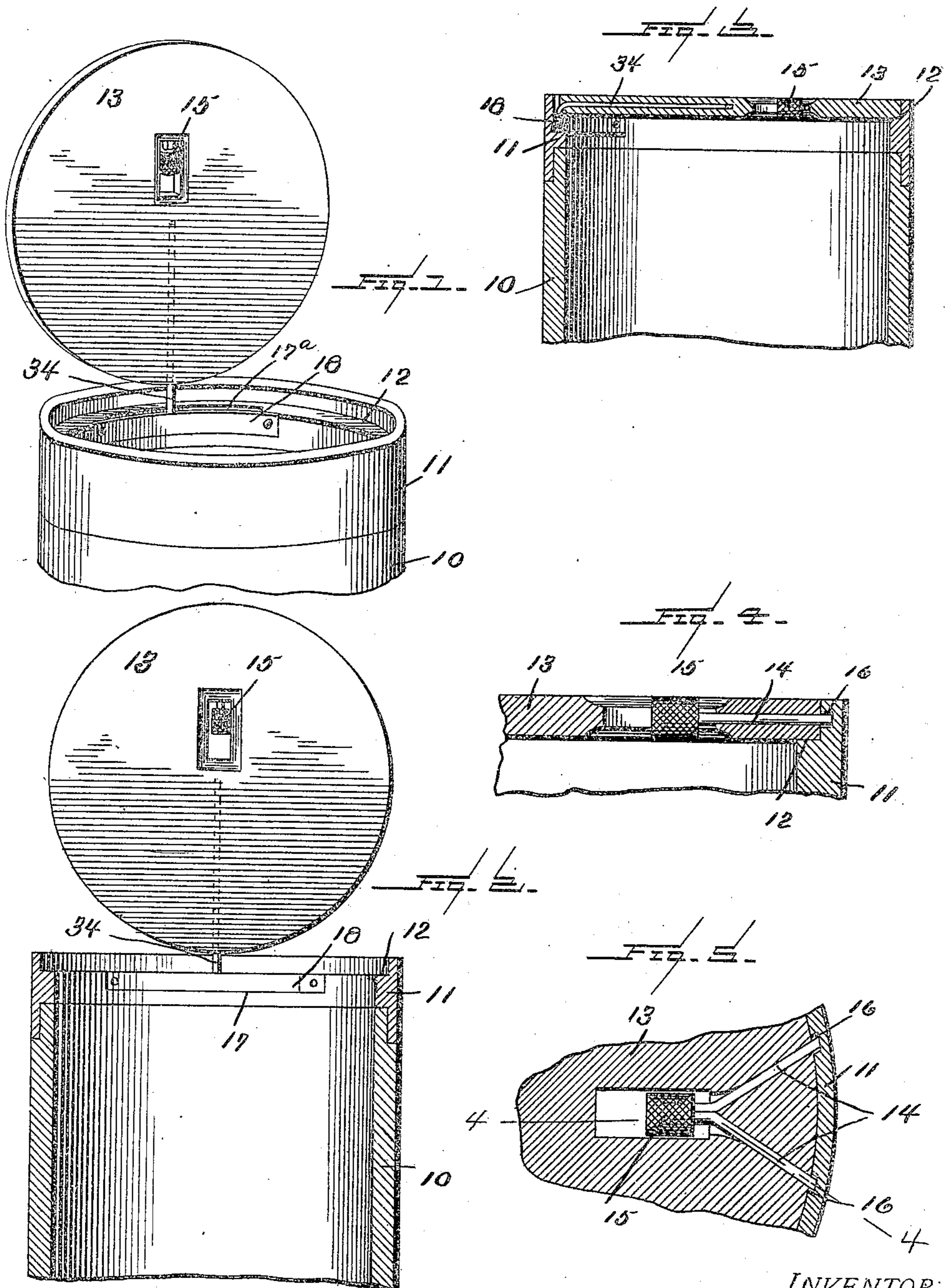


No. 810,970.

PATENTED JAN. 30, 1906.

J. S. PALMER.
CARRIER COVER FOR PNEUMATIC STORE SERVICE.
APPLICATION FILED MAY 1, 1905.



WITNESSES:

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JOHN S. PALMER, OF CHICAGO, ILLINOIS.

CARRIER-COVER FOR PNEUMATIC STORE-SERVICE.

No. 810,970.

Specification of Letters Patent.

Patented Jan. 30, 1906.

Application filed May 1, 1905. Serial No. 258,160.

To all whom it may concern:

Be it known that I, JOHN S. PALMER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Carrier-Covers for Pneumatic Store-Ser-

vice, of which the following is a specification. This device is for forming a simple and easily-operated carrier cover or lid for the carriers in pneumatic store-service or similar systems.

The principal feature of the invention is a cover or lid which is inserted completely within the tube or end of the shell of the carrier. This is retained at the end by an annular interior rib on which the lid rests when closed and is held closed by means of suitable catches.

Another feature is a spring-hinge which when cover is open permits the cover to be rotated or turned around, the cover having suitable inscriptions, so that when closed will indicate whether there are papers or other contents within or whether it is empty.

In the accompanying drawings, Figure 1 is a perspective view of the end of the carrier. Figs. 2 and 3 are longitudinal sections. Figs. 4 and 5 are details in section of the catch to hold the lid.

Referring specifically to the drawings, 10 is a cylindrical carrier-shell made of leather or any other suitable material. This has a top or end ring 11, having the inside shoulder 12, on which the cover rests when closed.

13 is the cover, which is provided with a catch comprising two flexible fingers 14, operated by a sliding button or thumb-piece 15, which is located in a slot in the cover and is accessible on both sides thereof. The ends of the fingers 14 engage in notches 16 in the end ring 11, and said fingers slide in and out in suitable recesses formed in the lid, and when advanced the ends of said fingers project into the notches referred to.

The end ring 11 is attached to the body of the tube, so as to be flush with both the outside and inside surfaces thereof, so as to allow easy removal of contents of the tube. The said ring 11 has at one side a segmental

rabbet 17, into which is inserted the spring

18, which consists of a thin flat flexible segment of steel held in place at its ends by screws or other means. This rabbet 17 is made wider than the spring, as shown at 17^a, excepting near the ends of the spring, where it is of the same width. This permits the spring to twist when the lid is closed and also acts to open the lid when the catch is released. Projecting from the middle of the spring and integral with the same is a round pin 34, and upon this pin the lid is mounted, with the pin in a bore or socket in the cover. When the lid or cover is open, it may readily be turned around on the pivot formed by the pin 34 to expose either face thereof.

The lid is marked on opposite sides "Empty" and "Full" or similar words, the purpose being to indicate whether the carrier contains anything or whether it is simply an empty being returned. When money or the like is despatched in the carrier, the lid is turned and closed with "Full" outside. When despatched empty, it is turned the other way, so the clerk or cashier can see its condition at a glance without the delay incident to opening and closing a cover.

What I claim as new, and desire to secure by Letters Patent, is—

1. In combination, a carrier-shell, an end ring fitted thereto and having an inner rabbet, and a lid hinged to the ring and fitting in said rabbet when closed.

2. In combination, a carrier-shell, and a lid hinged thereto and rotatable to expose either face when closed.

3. In combination, a carrier-shell, a spring-hinge fixed thereto, a lid rotatably mounted on the hinge, and a catch to hold the lid closed.

4. In combination, a carrier-shell, a flexible metal strip fixed within the end thereof and forming a hinge and having an outwardly-extending arm, a lid rotatably mounted on the arm, and a catch to hold the lid closed.

5. In combination, a carrier-shell, an end ring thereon having a notch, a lid hinged to the end ring, and a sliding button on the lid accessible from both sides thereof and having a finger adapted to engage the notch.

6. In combination, a carrier-shell, a lid
thereon, which may be turned to expose
either side when closed, and a catch carried
by the lid and engageable with the shell, the
5 catch being accessible from either side of the
lid.

In testimony whereof I have signed my

name to this specification in the presence of
two subscribing witnesses.

JOHN S. PALMER.

Witnesses:

H. G. BATCHELOR,
WM. THEO. ABEL.