

(No Model.)

S. B. SIMON.

SWING COVER FOR RECEPTACLES.

No. 412,550.

Patented Oct. 8, 1889.

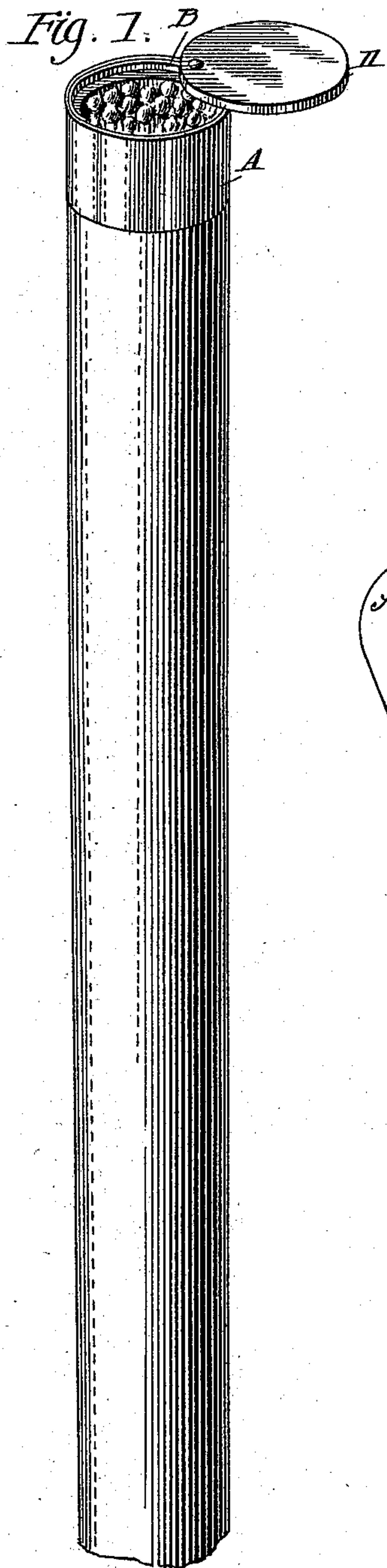


Fig. 6.

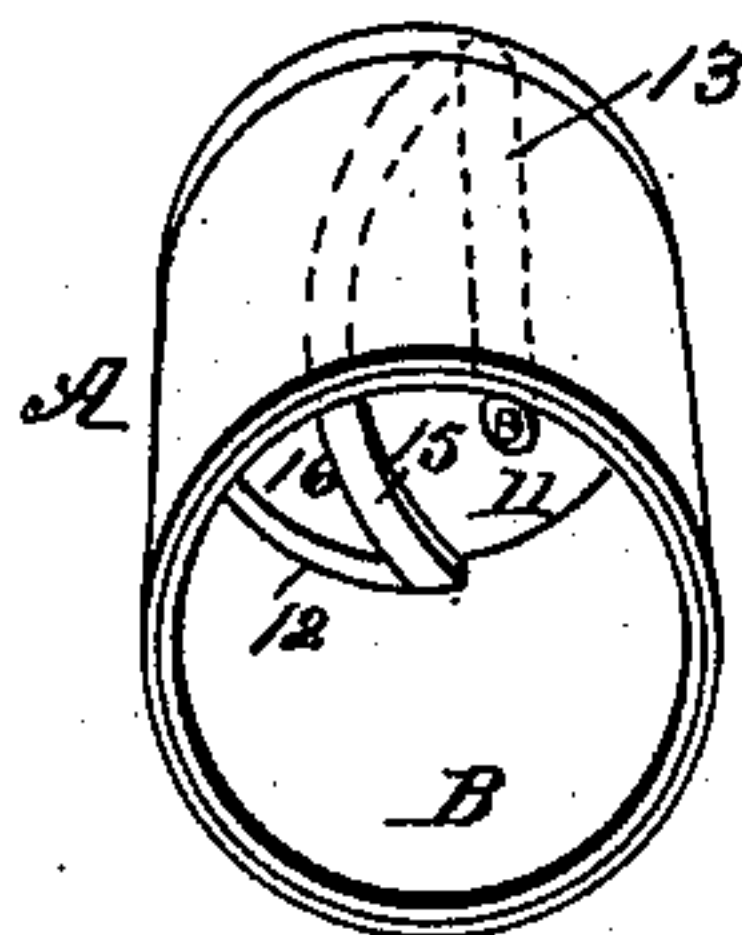


Fig. 7.

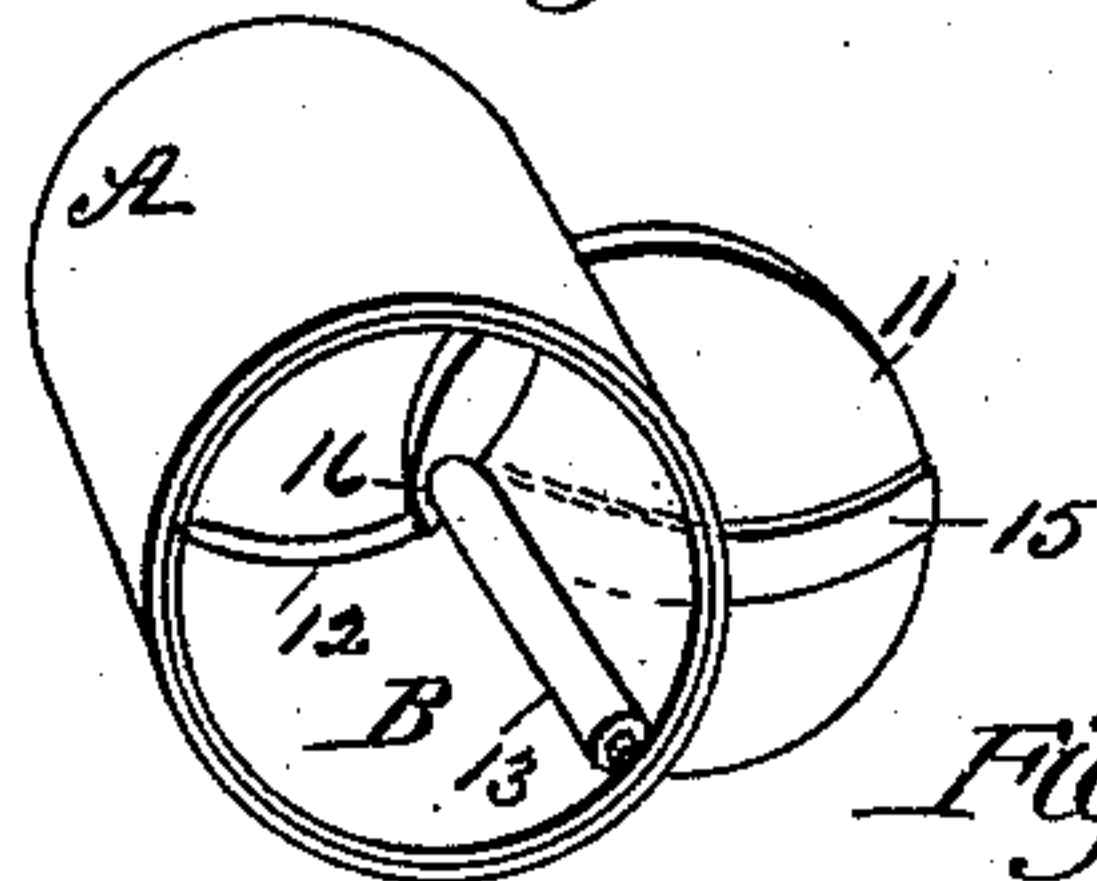


Fig. 3.

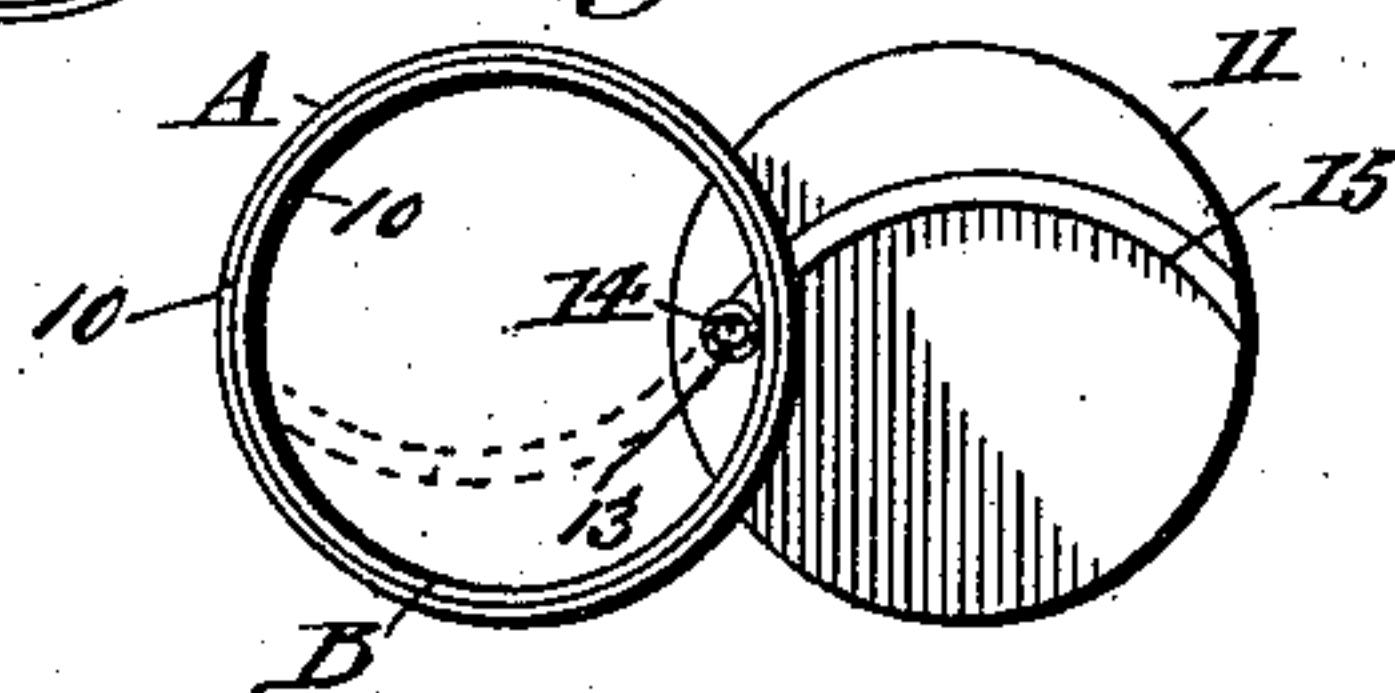
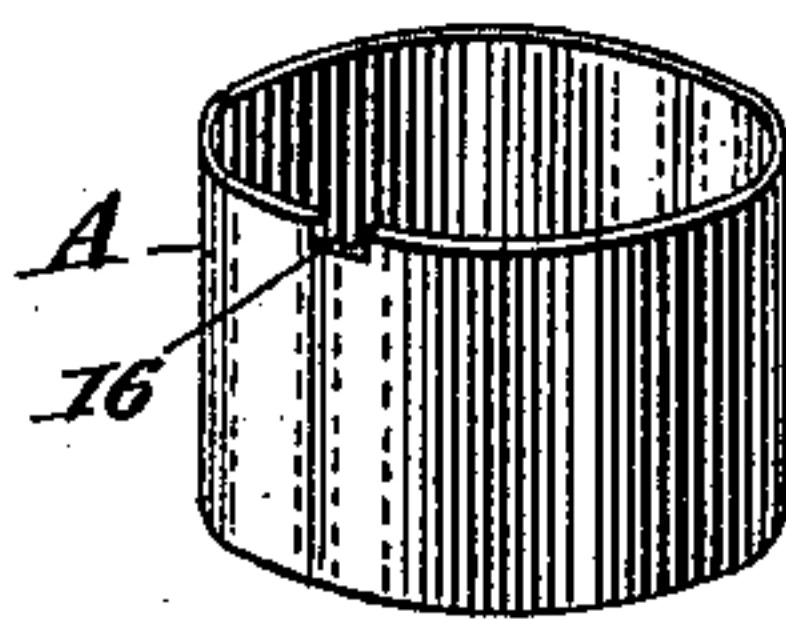
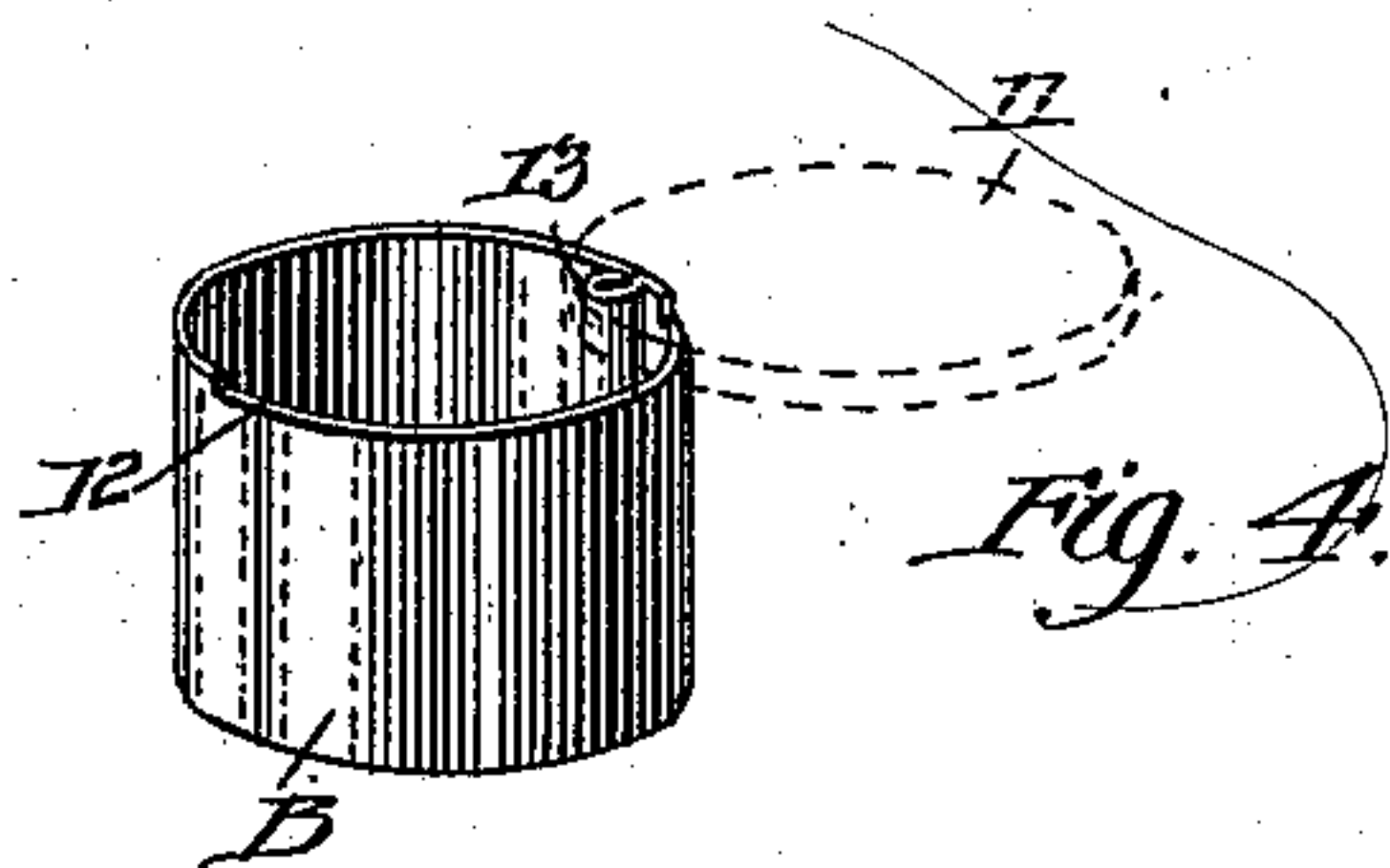
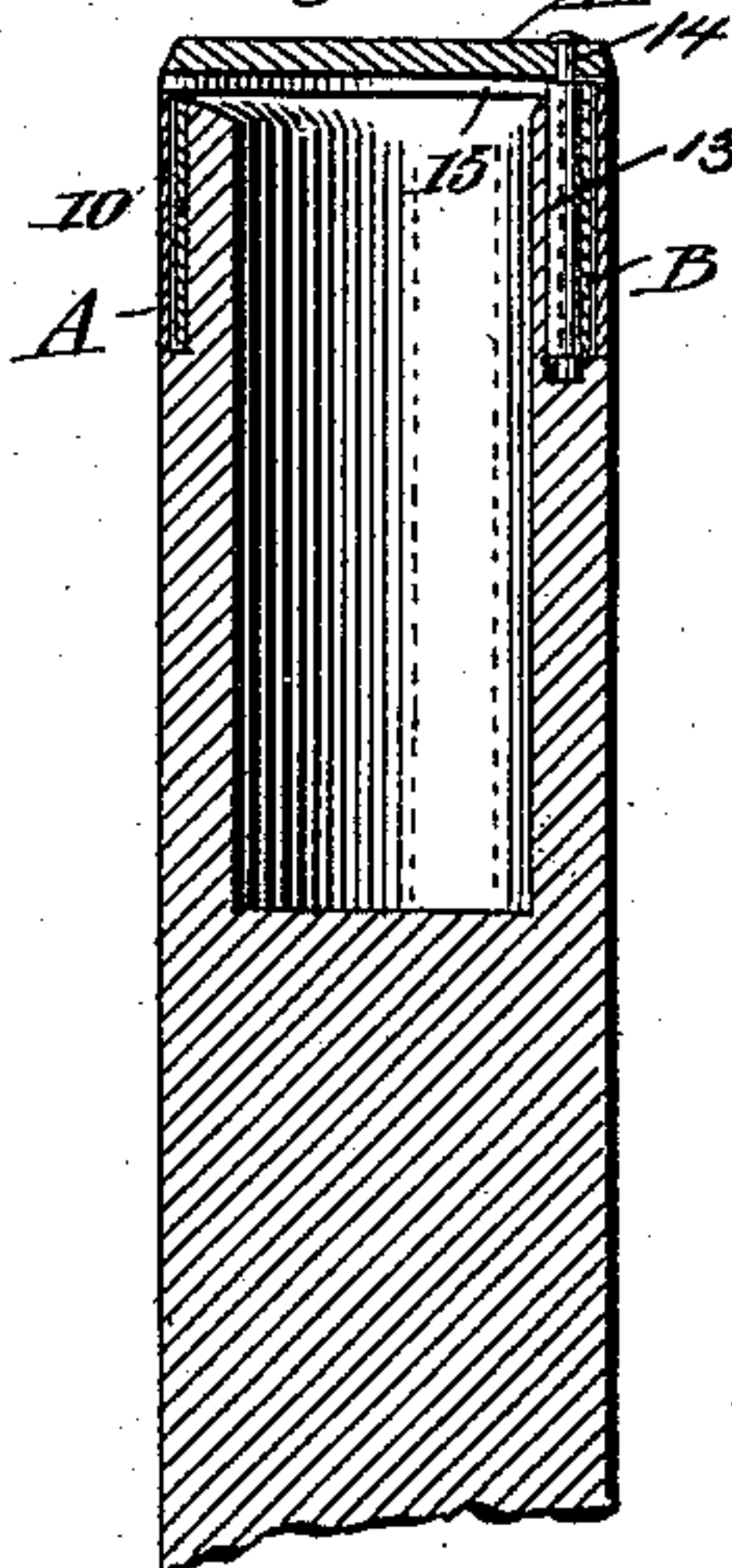


Fig. 2.



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SWING-COVER FOR RECEPTACLES.

SPECIFICATION forming part of Letters Patent No. 412,550, dated October 8, 1889.

Application filed April 24, 1889. Serial No. 308,433. (No model.)

To all whom it may concern:

Be it known that I, SIMON B. SIMON, of New York city, in the county and State of New York, have invented a new and Improved
5 Swing-Cover for Receptacles, of which the following is a full, clear, and exact description.

My invention relates to an improvement in swing-covers for receptacles, and has for its
10 object to provide a cover adapted for attachment to any receptacle having a cylindrical top, which will be simple, economical, and durable in construction, and also which cannot be jarred or shaken open.

15 The invention consists in the novel construction and combination of the several parts, as will be hereinafter more fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying
20 drawings, forming a part of this specification, in which similar letters and figures of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the cover,
25 illustrated as applied to a match-carrying cane, the said cover being open. Fig. 2 is a vertical section through the same, illustrating the cover as shut. Fig. 3 is a bottom plan view of the cover detached from the receptacle. Fig. 4 is
30 a perspective view of the inner shell or ring, the cap-plate being illustrated in dotted lines as open; and Fig. 5 is a perspective view of the outer shell and cover. Figs. 6 and
7 are perspective views of the device, looking
35 at the under side, Fig. 6 showing the cover closed and Fig. 7 showing it open.

The cover comprises a body 10, which body is made up of two cylindrical rings or bands A and B, the outer band A being adapted to
40 turn upon the inner band or ring B, and a lid, plate, or disk 11, pivoted to the inner ring or band B. The inner band or ring B is provided with a recess 12 in the upper edge, extending partially around the same, as best
45 illustrated in Fig. 4, and upon the inner face of the said inner ring or band, near one end wall of the recess 12, a socket 13 is longitudinally secured, adapted to receive a pin 14, attached at its upper end to the under face of
50 the disk, plate, or lid 11, near the periphery of the same, as illustrated in Figs. 2 and 3. The preferred means of uniting the lid to the

band or ring B, so that the former may have lateral movement upon the latter, is that illustrated in the drawings, in which the pin 14
55 passes down through the socket 13, and is prevented from rising by means of a wedge passed through the lower end of the pin, or by upsetting the said lower end. Upon the under face of the lid a segmental rib 15 is
60 formed, extending from the pivotal point of the said lid to its periphery at the opposite side, as best illustrated in Fig. 3. This rib is so secured upon the lid that when the latter is open the convex surface of the rib near the
65 pin will contact with one end wall of the recess 12, and when the lid is closed the concave surface at the periphery contacts with the opposite end wall of the said recess. The inner ring B is rigidly fastened to the neck
70 of the receptacle, and the outer ring A is held to turn loosely upon the inner ring, the said outer ring being provided in its upper edge with a recess 16 of sufficient width only to receive the outer end of the rib 15.
75

In operation to open the lid, the rib being
in the recess 16 of the outer ring, the said ring is turned in one direction, whereby as the said ring is turned the lid is gradually
80 opened by reason of the contact of the segmental rib 15 with the walls of the recess 16. To close the lid, the outer ring is turned in the reverse direction until the rib contacts with the end wall of the recess 12 in the inner ring or band. It will be observed that by this
85 means the lid is thrown almost entirely outside of the bands, uncovering, essentially, the entire mouth of the vessel to which the cover is secured. It will be further observed that no matter how much the vessel may be shaken
90 or handled in carrying the lid will not be opened unless the person carrying the receptacle purposely turns the outer ring or band.

I desire it to be distinctly understood that while I have illustrated the cover as applied
95 to a cane containing a receptacle in the upper end to receive matches or other articles, the cover may be applied to any receptacle having a cylindrical neck or of cylindrical form at the inlet, as, for instance, a jar or cruet.
100

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. As an improved article of manufacture, a cover for receptacles, consisting of an inner

ring provided with a recess in its upper edge, extending partially around the same, an outer ring loosely mounted upon the inner ring and provided with a short recess in its upper edge, a lid or disk pivoted to the inner ring to slide loosely over both rings, and a segmental rib secured to the under face of the lid or disk, traveling in the recess of the inner ring and secured within the recess of the outer ring, substantially as shown and described.

2. As an improved article of manufacture, a cover for receptacles, consisting of an inner band or ring provided with a recessed upper edge, a lid or disk pivoted to the said ring, an outer ring or band loosely mounted upon the inner ring, a segmental rib integral with the under face of the lid or disk, extending from its pivotal point to the periphery at the opposite side, said rib being adapted to slide in the recess of the inner

ring and in the recess in the outer ring, substantially as and for the purpose specified.

3. In a sliding cover for vessels, the combination, with a body consisting of an inner ring having a recess in its upper edge extending partially around the same, and an outer ring held to slide upon the inner ring and provided with a short recess in its upper edge, of a lid or disk pivoted to the inner face of the inner ring near one end wall of the recess therein, a segmental rib secured to the under face of the lid or disk, extending from the pivotal point of said disk or lid to the periphery at the opposite side, said rib being made to pass through the recess in each of the two rings, substantially as and for the purpose specified.

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Witnesses:

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