

No. 871,440.

PATENTED NOV. 19, 1907

J. V. REED.
HINGED RECEPTACLE.
APPLICATION FILED DEC. 24, 1906.

FIG. 1.

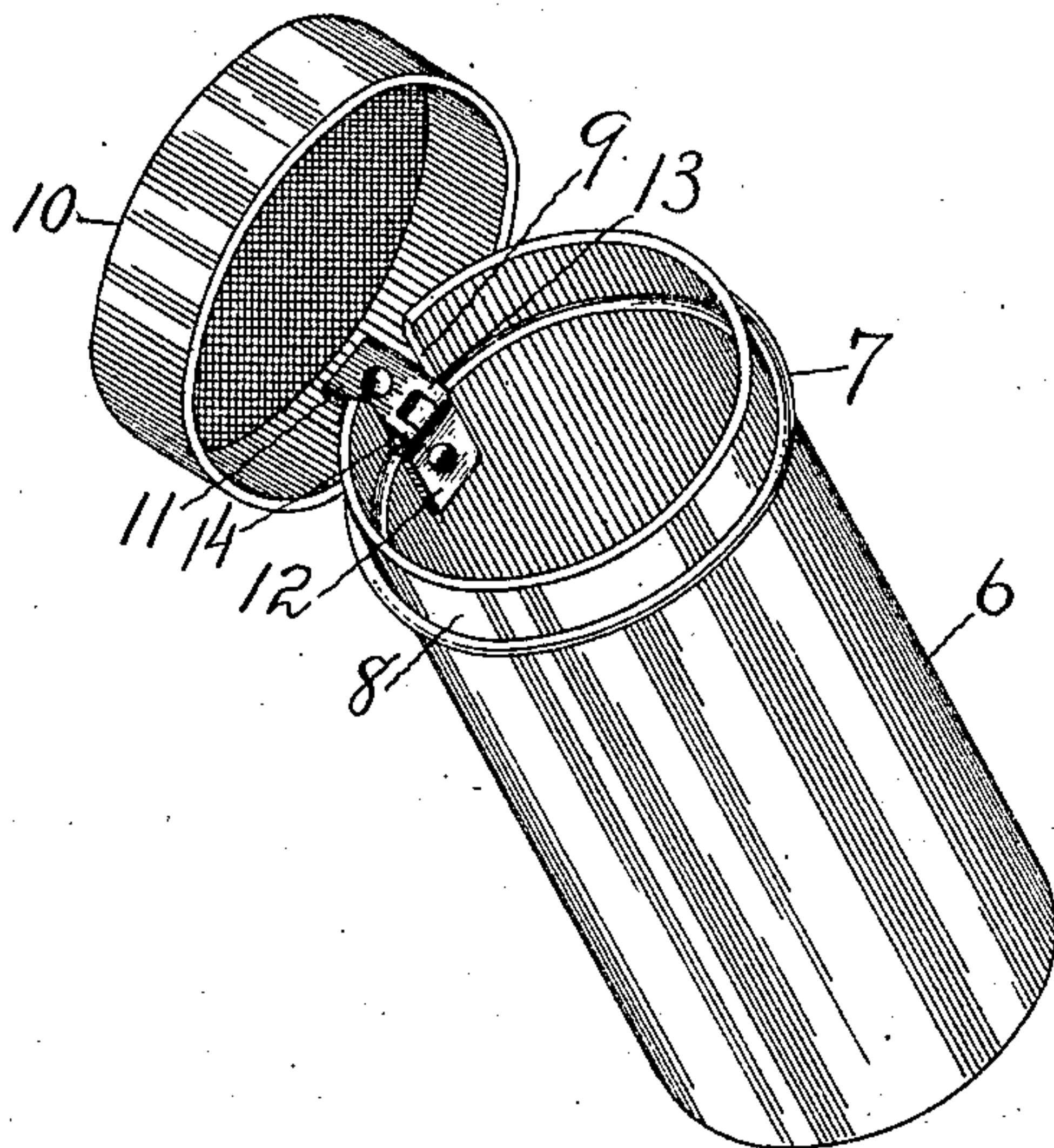


FIG. 2.

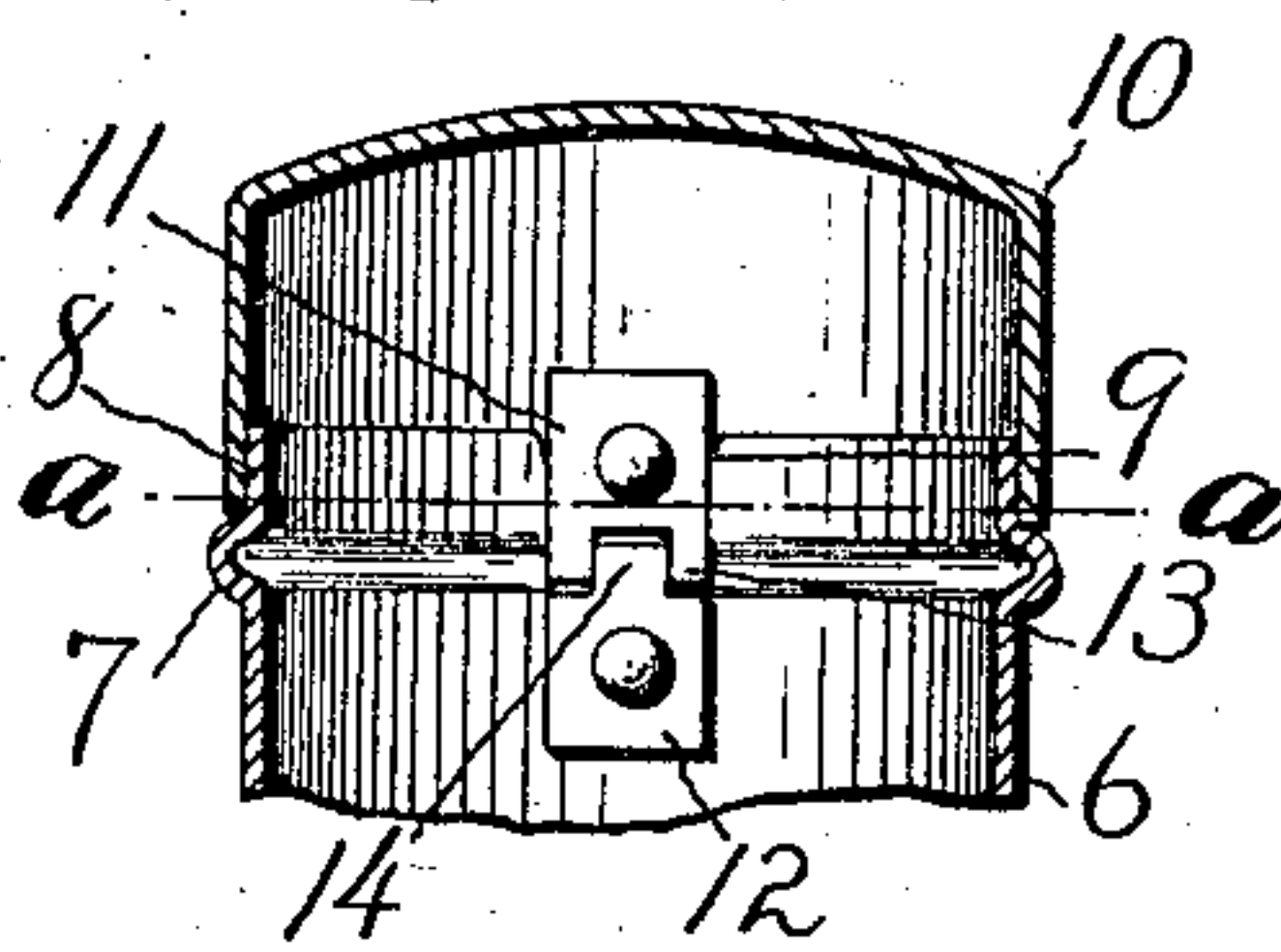
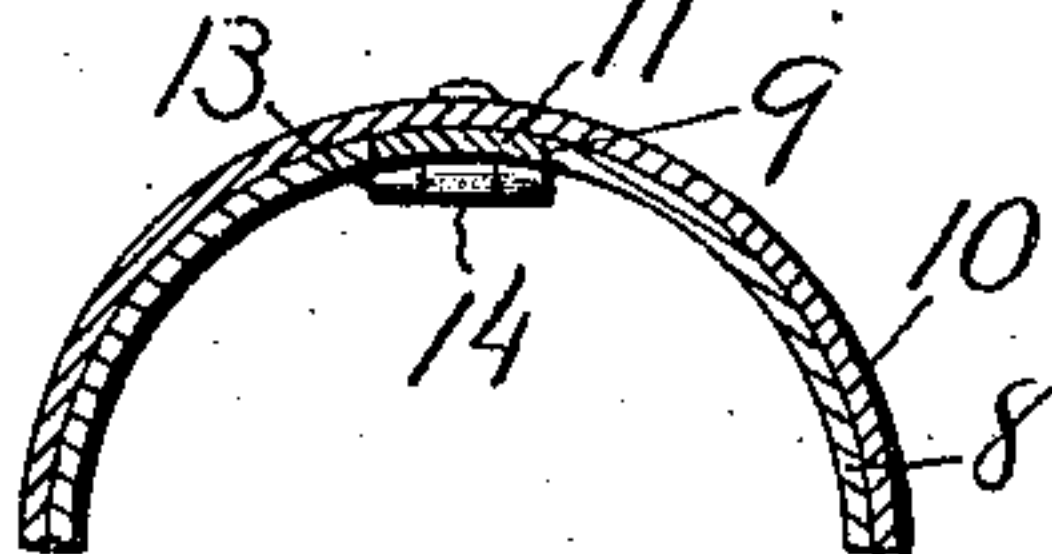


FIG. 3.



WITNESSES:

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JAMES V. REED, OF YONKERS, NEW YORK, ASSIGNOR TO THE J. B. WILLIAMS COMPANY,
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HINGED RECEPTACLE.

No. 871,440.

Specification of Letters Patent.

Patented Nov. 19, 1907.

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To all whom it may concern:

Be it known that I, JAMES V. REED, a citizen of the United States, and a resident of Yonkers, in the county of Westchester and State of New York, have invented a new and Improved Hinged Receptacle, of which the following is a specification.

My invention relates more especially to the class of metal boxes in which the cover projects down to a considerable degree from the top edge of the box, and the object of my invention is to obtain such a hinged cover that shall provide a comparatively tight closure for the box; and a further object of the invention is to provide means whereby the cover may be easily swung into closed position. A form of device in the use of which these objects may be attained is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a box embodying my invention, the cover being swung partly back. Fig. 2 is a view in central vertical section through the upper portion of the box and through the cover. Fig. 3 is a view in cross-section through the box on the line *a— a* of Fig. 2.

In the accompanying drawing the numeral 6 indicates the box that is of circular form and of considerable length as compared with its diameter. This box is constructed of metal, preferably smooth as to its outer surface with the exception of a rib 7 which extends around the box near the top edge and forms a stop for the cover. The upper edge portion 8, of the box, above the rib 7, is of an extent to project into the cover to a considerable degree. The end portion 8 of the box is of the same circumference as the main part thereof, that is, the part below the rib 7. It is cut away at the back, as shown at 9, this cutaway portion extending through the rib 7. A cover 10, also composed of metal, is formed of a size in diameter to snugly fit over the end 8, when the cover is closed, this fit, however, being such as to allow the cover to be readily removed. One member 11 of the strap hinge is secured to the inner wall of the cover 10 in any desired manner, rivets being shown herein as the fastening means, and the other member 12 of the hinge is secured to

the inner surface of the box 6. These hinges may be of ordinary form and construction as to the pintle and socket engaging means, which means are located at the bottom of the opening 9 or cut away portion of the upper end of the box. The knuckles 13 and 14 of the hinges preferably conform in shape to the rib 7, continuing said rib across the opening 9. This construction affords an extremely slightly box for the reason that the hinge is not strikingly noticeable; thus enabling a smooth, neat structure to be obtained. The members of the hinge being located on the inner surface of the box the opening 9 permits the member 11 to pass within the end portion 8.

The part of the box above the rib 7 is of uniform height throughout its extent, and the opening 9 permits this part to yield sufficiently to enable the cover to be easily swung into closed position, the strap 11, however, when the cover is shut, closing the opening 9. This provides a comparatively tight but easily operated hinged cover for the receptacle, and enables a part of the box of considerable depth to extend into the cover, which is especially desirable in structures of this class, to be employed.

The metal of which the box and cover is constructed is sufficiently flexible to permit the parts to readily yield in the closing of the cover. It will be noted that the opening 9 permits the end portion, 8, of the box to yield in a circumferential direction, thus allowing the cover to move over the upper edge of the box at the front.

What I claim as my invention and desire to secure by Letters Patent is:—

A box constructed of thin resilient metal and formed with a deep end portion, 8, at its upper edge, a cover tightly fitting the box, and a hinge fixed to the inner surfaces of the box and cover having its pintle located at the base of the end portion, the latter being cut away to receive the hinged part fixed to said cover and compressible to permit the cover to close thereover.

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Witnesses:

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