

No. 879,851.

PATENTED FEB. 25, 1908.

H. D. BONNELL.

COMBINED TOBACCO RESERVOIR AND CIGARETTE FILLER.

APPLICATION FILED OCT. 24, 1907.

Fig. 1.

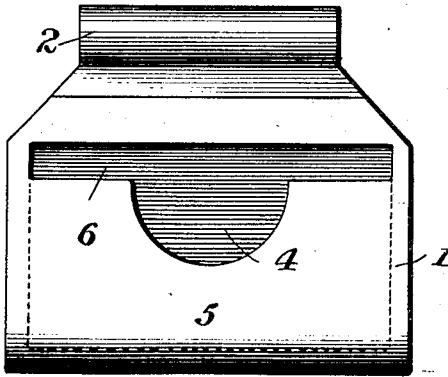


Fig. 3.

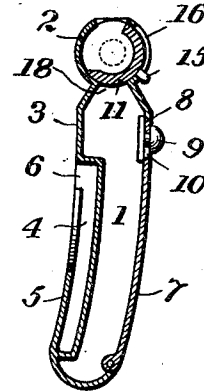


Fig. 2.

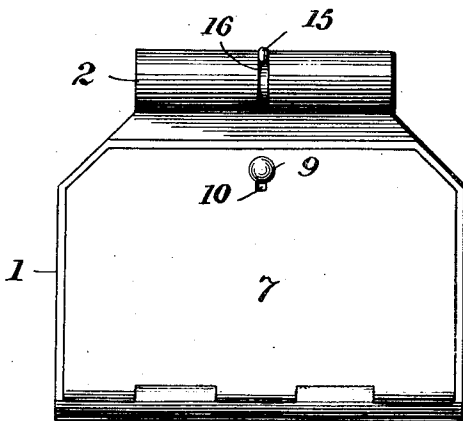


Fig. 4.

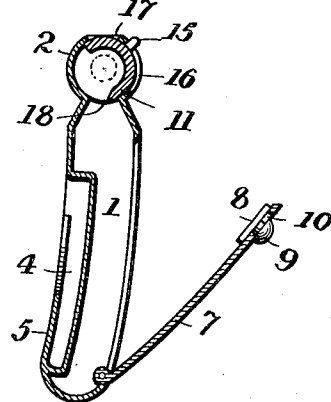


Fig. 5.

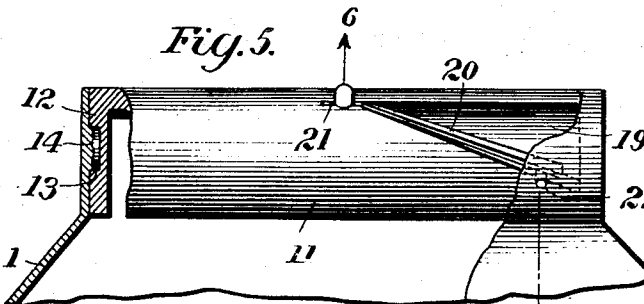
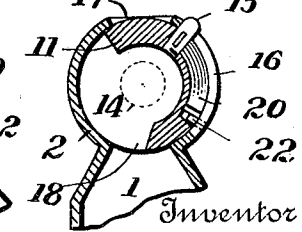


Fig. 6.



Witnesses
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HAROLD D. BONNELL, OF NORFOLK, VIRGINIA.

COMBINED TOBACCO-RESERVOIR AND CIGARETTE-FILLER.

No. 879,851.

Specification of Letters Patent.

Patented Feb. 25, 1908.

Application filed October 24, 1907, Serial No. 398,958.

To all whom it may concern:

Be it known that I, HAROLD D. BONNELL, a citizen of the United States, and residing at Norfolk, Norfolk county, State of Virginia, have invented certain new and useful Improvements in a Combined Tobacco-Reservoir and Cigarette-Filler, of which the following is a specification.

This invention relates to a device intended to be carried by cigarette smokers, embodying a reservoir for containing tobacco, a receptacle for holding cigarette papers, and a measuring discharge mouth which evenly distributes the proper amount of tobacco throughout the length of the cigarette paper. Its object is to produce a simple and convenient device adapted to be carried in the pocket.

In the accompanying drawings—Figure 1 is a side elevation showing the side containing the pocket for cigarette papers; Fig. 2 is a side elevation showing the door in the body portion; Fig. 3 is a cross section showing the measuring device open; Fig. 4 is a cross section showing the measuring device closed and the door open; Fig. 5 is an enlarged view of the upper portion of the device partly in section; and Fig. 6 is a cross section upon the line 6—6 of Fig. 5.

My device is preferably made of sheet metal, and as shown in the drawings it embodies a main reservoir 1 and a cylindrical discharge portion 2 communicating with the interior of the reservoir. The body portion 3 is made elongated, thin and curved so as to properly fit in the pocket, and has formed in one wall the pocket or receptacle 4 of proper shape to receive cigarette papers, having its outer wall 5 cutaway at the center so as to give access to the papers within the pocket, the papers being inserted through the slot 6. A door 7 is hinged to the opposite side of the body portion and is provided with a sliding catch 8, which is operated by the button 9 sliding in the slot 10. This door preferably covers substantially the entire side of the receptacle, so as to give ready access to all parts of its interior. The upper part of the walls of the body portion are made inclined to join the bottom of the cylindrical discharge portion 2 which is somewhat shorter than the body portion, and which has a passage into the body portion narrower than the body portion.

Mounted within the cylindrical discharge portion is a semi-cylindrical rotary closure

11 which extends throughout its length and which has in its ends 12 central sockets 13 in which fit the bearing projections 14 formed on the end walls of the cylindrical portion 2. The closure is operated by the projecting pin 15 moving in the circumferential slot 16 formed in the cylinder 2. It will be noted that the cylindrical discharge portion 2 has a slot 17 in its upper portion extending throughout its length, and that the cylindrical closure is cutaway throughout its length for almost half of its circumference, so that in rotating the edges of the closure are made to pass across the slot 17 and the opening 18 into the body portion alternately, and that consequently it will close those openings but not both at the same time. In order to hold the closure normally in a closed position I have provided in its surface a V-shaped recess 19 leading from the operating pin 15 towards one end, and I have placed in this depression a spring 20 fastened in the slot 21 and passing through the pin 15. The opposite end of this spring engages a pin 22 carried by the cylindrical discharge portion 2 near the end thereof. This spring tends normally to hold the closure in the position shown in Fig. 4, but at the same time permits it to be rotated by means of the pin 15 to the position shown in Fig. 3.

It will be noted that the cylindrical discharge portion is not quite as long as the cigarette paper upon which the tobacco is to be discharged, but that the device automatically measures the amount of tobacco necessary to fill the cigarette paper and deposits it evenly throughout substantially the length of the paper. It will be understood that in operating the device it is first inverted over the cigarette paper and then the closure is moved from the position shown in Fig. 4 to that shown in Fig. 3, thus cutting off the main body of tobacco in the receptacle and discharging the regulated and evenly distributed portion which is within the cylindrical discharge portion.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

1. In a device of the class described, the combination with the body portion, of an elongated cylindrical discharge portion provided with a longitudinal discharge slot, and a semi-cylindrical closure rotatively mounted in said discharge portion.

2. In a device of the class described, the

combination with a body portion, of an elongated cylindrical discharge portion having in its bottom an opening communicating with said body portion and in its upper portion a longitudinal discharge opening, and a rotary semi-cylindrical closure mounted in said discharge portion and adapted to close either the discharge opening or the opening leading into the body portion.

3. In a device of the class described, the combination with a body portion, of an elongated cylindrical discharge portion having in its bottom an opening communicating with said body portion and in its upper portion a longitudinal discharge opening, a rotary semi-cylindrical closure mounted in said discharge portion and adapted to close either the discharge opening or the opening leading into the body portion, and a spring tending normally to hold said closure in position to close the discharge opening.

4. In a device of the class described, the combination with a body portion, of an elongated cylindrical discharge portion having in its bottom an opening communicating with said body portion and in its upper portion a longitudinal discharge opening, the said openings extending substantially the length of the discharge portion, and a rotary semi-cylindrical closure mounted in said discharge portion and adapted to close either the discharge opening or the opening leading into the body portion.

5. In a device of the class described, the combination with a body portion, of an elongated cylindrical discharge portion having in its bottom an opening communicating with said body portion and in its upper portion a longitudinal discharge opening, the said openings extending substantially the length of the discharge portion, and a rotary semi-

cylindrical closure having a sharp lower edge mounted in said discharge portion and adapted to close either the discharge opening or the opening leading into the body portion.

6. A measuring closure for tobacco reservoirs and the like comprising an outer cylindrical portion having an opening for communication with the device to which it is applied and provided with a discharge opening, and a semi-cylindrical spring-pressed inner portion rotatively mounted in the outer portion and adapted to close said openings alternately and tending normally to occupy a position to close said discharge opening.

7. In a device of the class described, the combination with a body portion, of a discharge portion, a measuring closure for said discharge portion, and a receptacle adapted to contain cigarette papers attached to one side of said body portion.

8. In a device of the class described, the combination with a body portion, of a measuring closure adapted to discharge the tobacco evenly throughout the length of the cigarette paper, and a receptacle formed in the side of the body portion adapted to hold cigarette papers.

9. In a device of the class described, the combination with a body portion, of a measuring closure adapted to discharge the tobacco evenly throughout the length of the cigarette paper, a receptacle formed in the side of the body portion adapted to hold cigarette papers, and a door in the side of the body portion to permit access to its interior.

In testimony whereof I affix my signature in presence of two witnesses.

HAROLD D. BONNELL.

Witnesses:

W. H. AYRES,

W. H. GAUP.