

W. J. CUSSEN.  
Device for Packing Smoking-Tobacco.

No. 205,361.

Patented June 25, 1878.

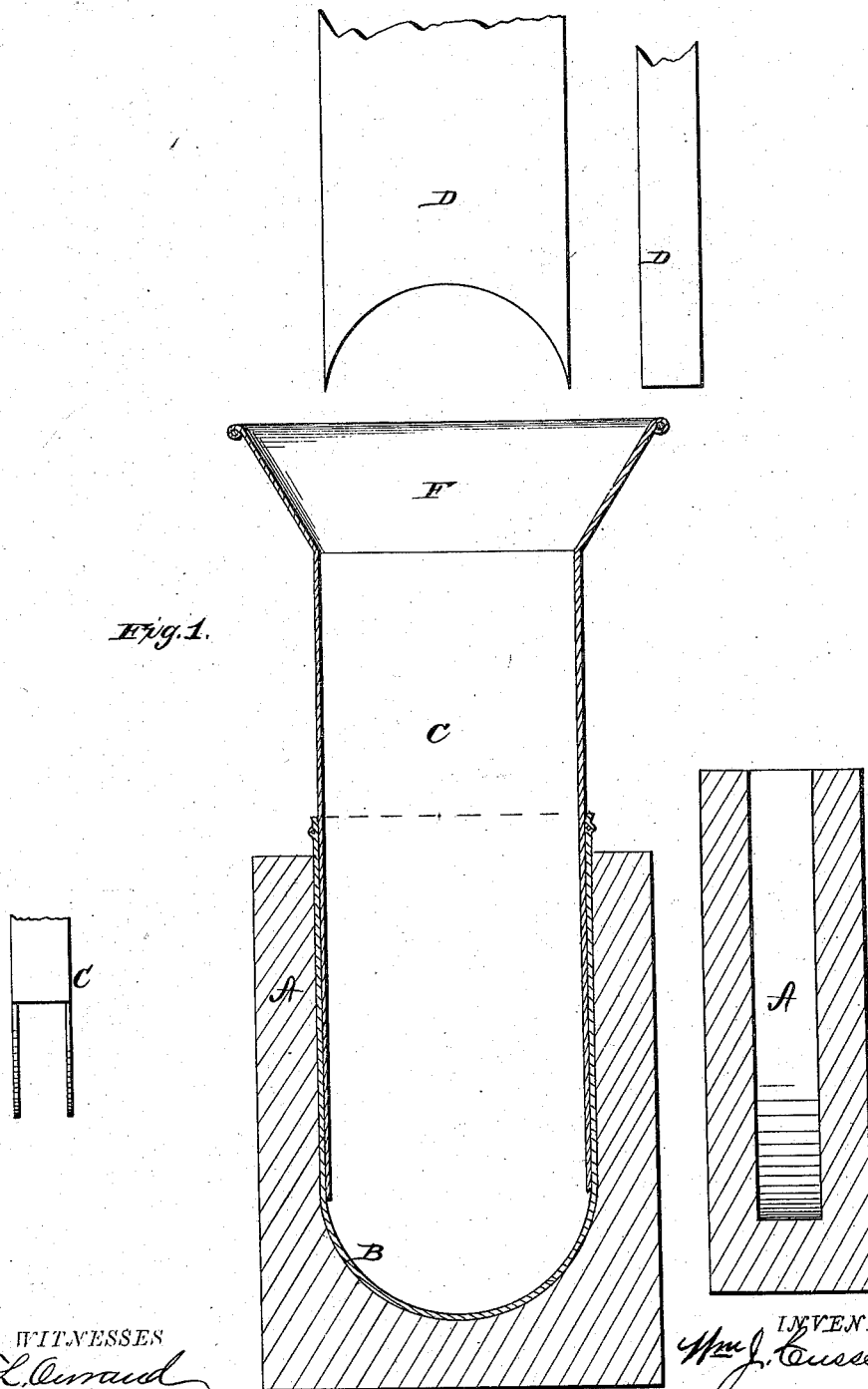


Fig. 1.



WITNESSES  
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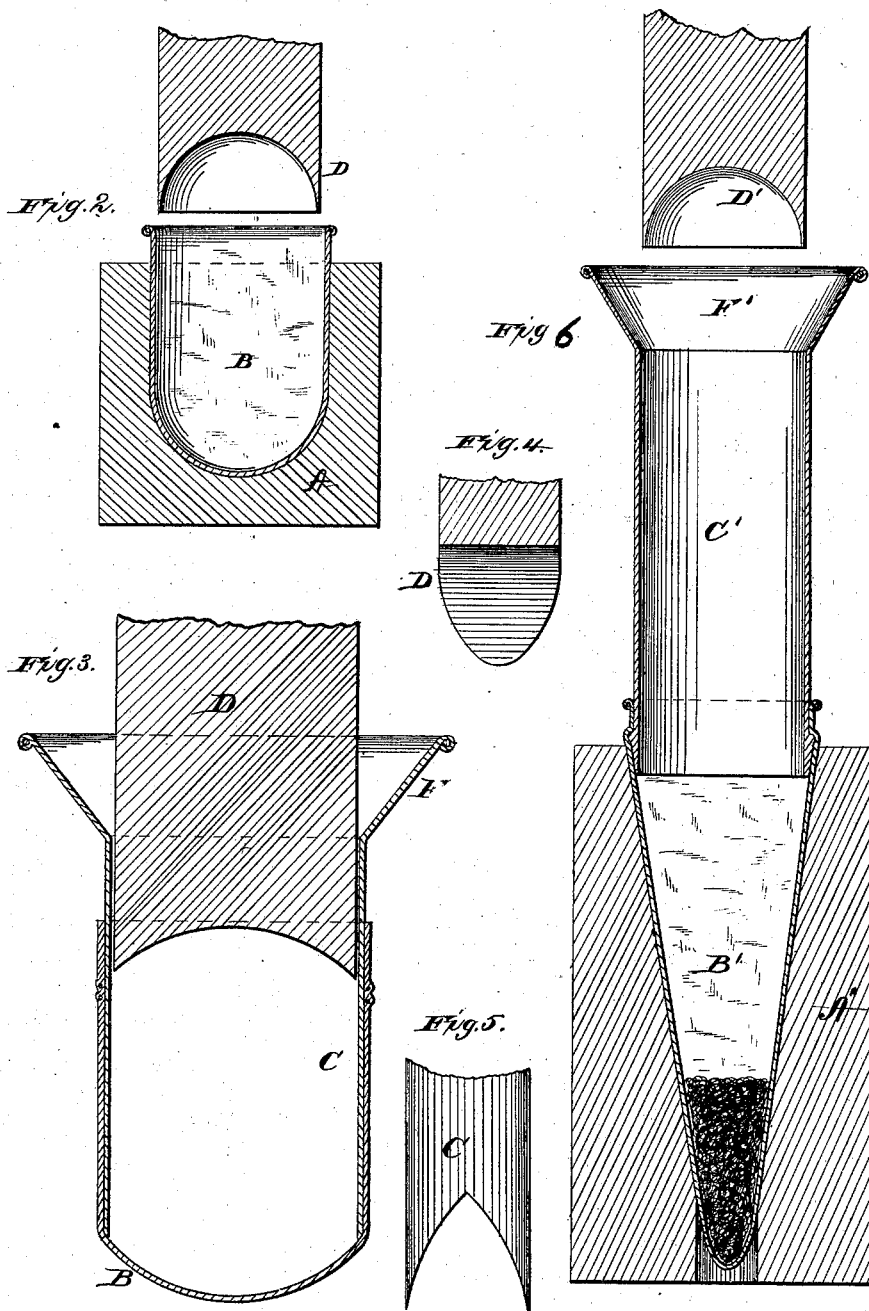
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# UNITED STATES PATENT OFFICE.

WILLIAM J. CUSSEN, OF RICHMOND, VIRGINIA.

## IMPROVEMENT IN DEVICES FOR PACKING SMOKING-TOBACCO.

Specification forming part of Letters Patent No. **205,361**, dated June 25, 1878; application filed April 8, 1878.

*To all whom it may concern:*

Be it known that I, WILLIAM J. CUSSEN, of Richmond, in the county of Henrico, and in the State of Virginia, have invented certain new and useful Improvements in Devices for Packing Smoking-Tobacco; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention relates to devices for packing smoking-tobacco in bags; and it consists in the combination of a mold with concaved bottom, and a plunger having concaved end, and an open-bottomed tin, to which the bag is connected; also, in the combination of an open-bottomed tin with concaved end, a mold with concaved bottom, and a plunger with concaved end, all as hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a central vertical section of my invention, showing, also, the various parts detached. Figs. 2 and 3 are vertical sections, showing different forms of the devices. Figs. 4 and 5 are detailed views, respectively, of the plunger and tin shown in Fig. 3. Fig. 6 is a vertical section, showing a modification of my invention.

A represents the cup or mold in which the bag B is placed. This cup or mold may be made of wood or any other suitable material, and its bottom is, on the inside, made concave, in such shape as to conform to the shape or design intended for the lower end of the bag to be packed.

The lower end of the tin C is open, and its extremity on two opposite sides is rounded, while on the other two opposite sides the wall of it is cut out or removed sufficient to insure contact all around of the extremity of the tin with the concave surface of the mold.

D represents the plunger, which is made concave in its lower end, and adapted thus to impart a rounded form to the upper end of the package.

The bag B is drawn up on the outside of the tin C the entire length of the bag, and the tin and bag are placed in the cup or mold, and the requisite quantity of tobacco put in the tin. The plunger D is then inserted in the tin, and pressure applied to the plunger to press the tobacco. When thus packed the tin and plunger are withdrawn, and the bag closed by drawing-strings.

In Fig. 6 I have shown a modification of my invention, in which the cup or mold A' is made tapering on the inside and with a central opening in the bottom. The bag B' is also made tapering and is drawn over the lower end of the round tin C', said tin being at its upper end formed with the funnel F'. D' is the plunger, with concaved lower end.

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

1. In a device for packing smoking-tobacco in bags, the combination of a mold with concaved bottom, and a plunger having concaved end, and an open-bottomed tin, to which the bag is connected, all substantially as and for the purposes herein set forth.

2. The combination, in a device for packing smoking-tobacco, of an open-bottomed tin with concave end, a mold with concaved bottom, and a plunger with concaved end, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 1st day of April, 1878.

WILLIAM J. CUSSEN.

Witnesses:

JOHN C. GIBSON,  
EDWARD M. GIBSON.