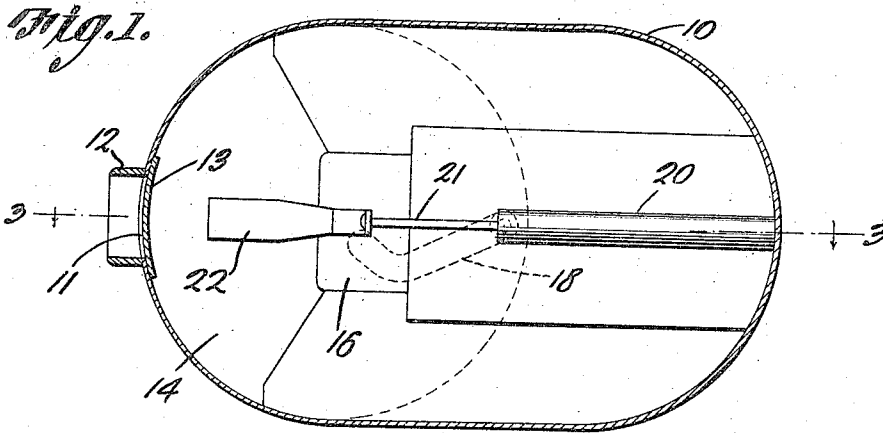
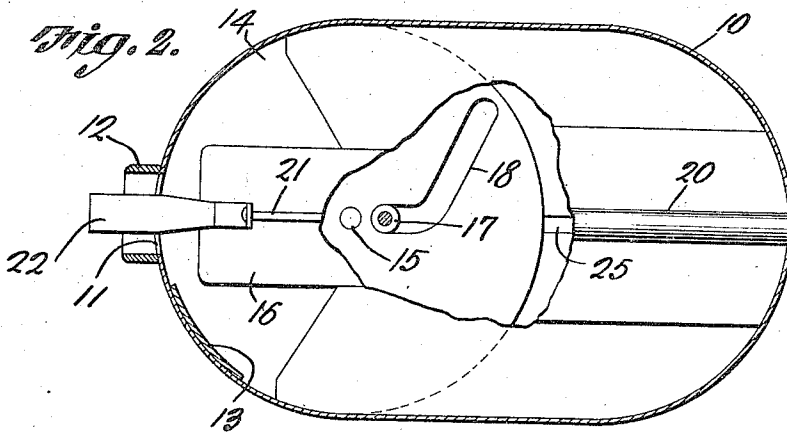
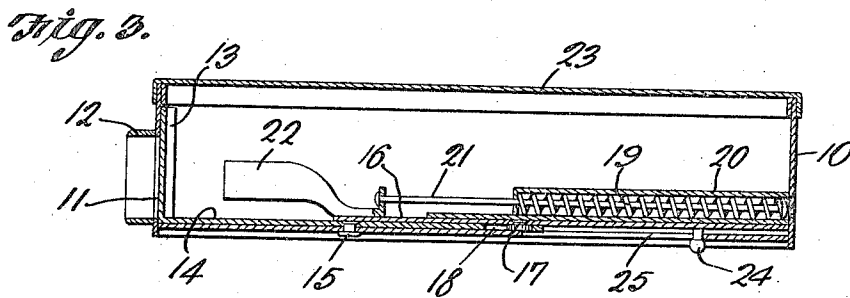


J. H. SCOTT.
PIPE AND CIGARETTE FILLING TOBACCO BOX.
APPLICATION FILED MAY 16, 1916.

1,237,831.

Patented Aug. 21, 1917.



Witnesses

J. P. Doney
R. L. Parker

J. H. Scott Inventor

by

Cashow & Co.
Attorneys

UNITED STATES PATENT OFFICE.

JOHN H. SCOTT, OF WINSTON-SALEM, NORTH CAROLINA.

PIPE AND CIGARETTE FILLING TOBACCO-BOX.

1,237,831.

Specification of Letters Patent. Patented Aug. 21, 1917.

Application filed May 16, 1916. Serial No. 97,889.

To all whom it may concern:

Be it known that I, JOHN H. SCOTT, a citizen of the United States, residing at Winston-Salem, in the county of Forsyth and State of North Carolina, have invented a new and useful Pipe and Cigarette Filling Tobacco-Box, of which the following is a specification.

The object of the invention is to provide a simple and comparatively inexpensive container for tobacco provided with means whereby through the manipulation of a single operating element the receptacle may be opened to permit the discharge of tobacco, while at the same time the tobacco is forcibly expelled or discharged into the pipe or into the cigarette paper so as to avoid the inconveniences incident to the tobacco being diverted and wasted by the wind, etc., the release of the operating element serving to permit the withdrawal of the discharging means and the closing of the discharge opening.

Further objects of the invention will appear as the description proceeds, it being understood that the invention consists in a certain combination and relation of parts, changes in which may be made within the terms of the claims without departing from the spirit of the invention.

In the drawings illustrating a preferred embodiment of the invention,—

Figure 1 is a plan view of the receptacle and operating parts, with the cap or cover omitted.

Fig. 2 is a similar view showing the discharge opening exposed and the plunger advanced to the pipe or cigarette filling position.

Fig. 3 is a longitudinal sectional view of the receptacle and contained parts, on the line 3—3 of Fig. 1.

The container or receptacle 10 may be of any convenient or preferred shape by which the carrying thereof in the pocket may be facilitated, and preferably at one curved end thereof is located a discharge opening 11 surrounded by a suitable short nozzle or lip 12 which may be inserted into the mouth of a pipe during the filling operation, said discharge opening being normally closed by means of a shutter 13 extending at an angle from and supported by a carrying element 14 which in the illustrated embodiment of the invention consists of a plate mounted close to and parallel with the rear wall or

side of the casing and pivoted thereto as at 15. The shutter 13 is slidable along the curved end of the receptacle or casing across and away from the discharge opening and is movable laterally to one side of said opening. Also mounted within the receptacle adjacent to the rear wall or side thereof is a slide 16 having connection with the shutter carrying plate whereby when the slide is moved in one direction the shutter is moved to expose the discharge opening, whereas a reverse movement of the slide serves to positively move the shutter to close said opening. In the construction illustrated, the slide is provided with a pin 17 operating in a cam slot 18 in said shutter carrying plate, said cam slot being shown in full lines in Fig. 2 and in dotted lines in Fig. 1, a spring 19 being connected therewith for returning said slide to its normal position after it has been advanced to open the discharge outlet of the receptacle. Preferably this spring is housed as shown at 20 to prevent the contents of the receptacle from interfering with the operation thereof, and connected with the spring is a rod 21, through means of which connection is made between the spring and the slide. Also carried by the slide is a plunger 22 adapted by reason of the motion of the slide to operate in a direction or path substantially axially with the discharge opening of the casing whereby as the slide is advanced to remove the shutter from its normal position covering the discharge opening, said plunger is advanced toward and into the discharge opening to serve as a means for forcibly ejecting the contents of the receptacle and pack the same more or less in the pipe or other receiving article. The means illustrated for operating the slide and plunger from the exterior of the box, without removing the cover or lid 23, is a button 24 operating in a suitable slot 25 in the rear wall of the box. It will be understood that in order to fill the receptacle, the cover 23 may be removed, after which it should be replaced and thereafter the contents of the box may be dispensed, for the purpose of filling a pipe or charging a cigarette wrapper, simply by pressing on the button 24 to cause the displacement of the shutter and the advance of the plunger. The waste of the contents of the receptacle is therefore avoided inasmuch as the tobacco is discharged exactly at the point desired, where

the same is protected from wind, and on the release of the button 24 the parts resume their normal positions with the shutter properly and securely covering the discharge opening of the receptacle.

What is claimed is:—

1. A tobacco receptacle having a curved end provided with a discharge opening, an oscillatory plate pivoted to one side of the receptacle and having a shutter extending at an angle therefrom and slidable along said end of the receptacle across and away from said opening, and a tobacco-ejecting plunger movable within the receptacle to and from said opening.

2. A tobacco receptacle having a discharge opening, a closure for said opening movable laterally to one side thereof, and a plunger within the receptacle movable toward and away from said opening and operatively connected with the closure, so that when the plunger is moved toward the opening to push a charge of tobacco from the receptacle therethrough, the closure is removed from said opening.

3. A tobacco receptacle having a discharge opening, a closure for said opening movable laterally to one side thereof, a plunger within the receptacle movable toward and away from said opening, an operative connection between the plunger and closure whereby the closure is opened and closed when the plunger is moved toward and away from the discharge opening, respectively, and spring means for returning the closure to closed position and for moving the plunger away from the discharge opening.

4. A tobacco receptacle having a curved

end provided with a discharge opening, an oscillatory plate pivoted to one side of the receptacle and having a shutter extending at an angle therefrom and slidable along said end of the receptacle across and away from said opening, a slide movable along said side of the receptacle, a plunger carried by the slide movable toward and away from said opening, and an operative connection between said plate and slide for oscillating the plate when the slide is moved, so that the shutter is moved to open and closed position when the plunger is moved toward and away from the opening, respectively.

5. A tobacco receptacle having a curved end provided with a discharge opening, an oscillatory plate pivoted to one side of the receptacle and having a shutter extending at an angle therefrom and slidable along said end of the receptacle across and away from said opening, a slide movable along said side of the receptacle, a plunger carried by the slide movable toward and away from said opening, an operative connection between said plate and slide for oscillating the plate when the slide is moved, so that the shutter is moved to open and closed position when the plunger is moved toward and away from the opening, respectively, and a spring for returning the closure to closed position and for moving the slide and plunger away from said opening.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

JOHN H. SCOTT.

Witnesses:

J. P. HURDLE,

E. W. JOHNSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."