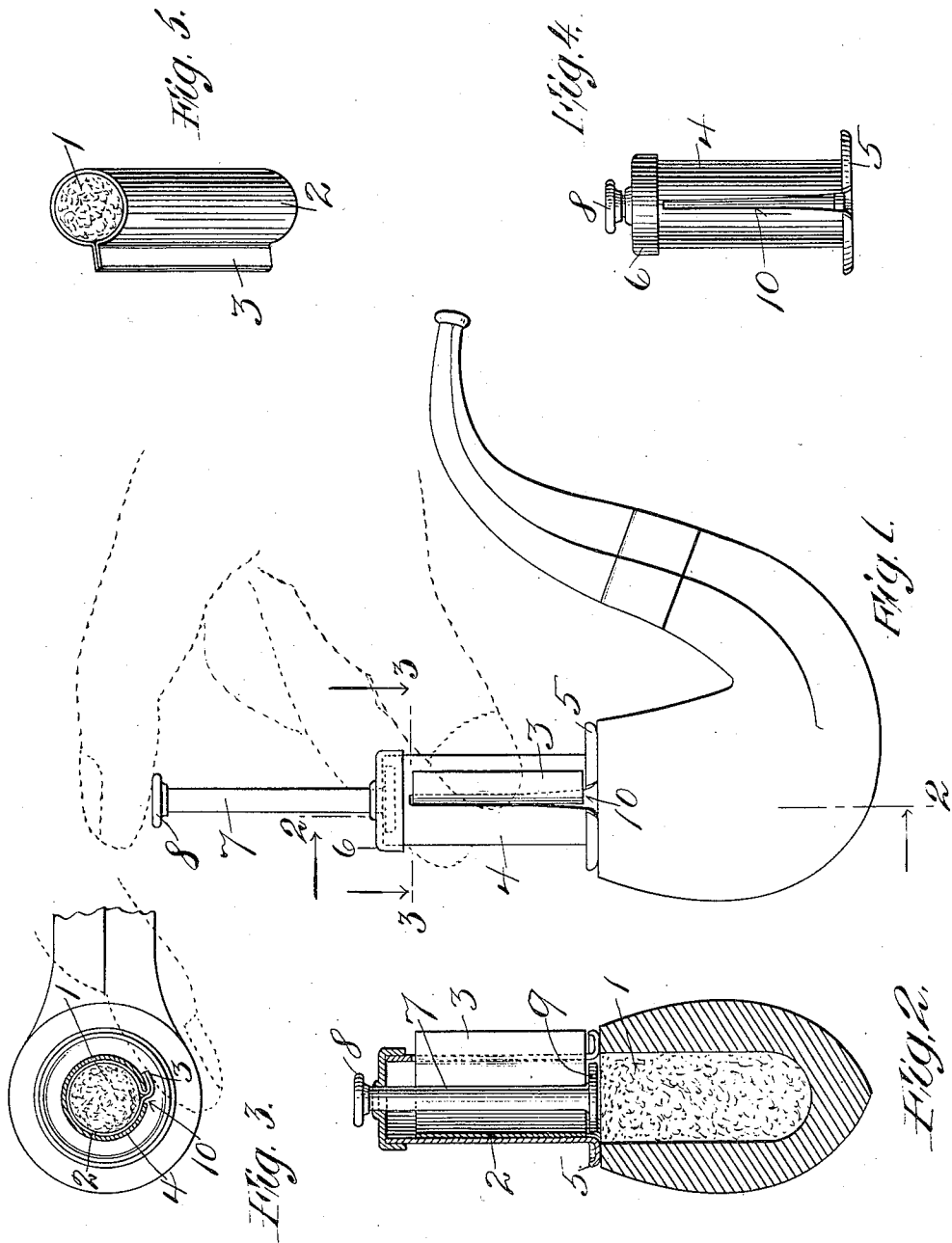


P. A. DRUCKLIEB.
 CARTRIDGE FOR TOBACCO PIPES AND DEVICE FOR INSERTING THE SAME.
 APPLICATION FILED NOV. 8, 1910.

997,974.

Patented July 18, 1911.



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UNITED STATES PATENT OFFICE.

PAUL A. DRUCKLIEB, OF STAPLETON, NEW YORK.

CARTRIDGE FOR TOBACCO-PIPES AND DEVICE FOR INSERTING THE SAME.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, PAUL A. DRUCKLIEB, a citizen of the United States, and a resident of Stapleton, in the county of Richmond and State of New York, have invented certain new and useful Improvements in Cartridges for Tobacco-Pipes and Devices for Inserting the Same, of which the following is a specification.

My invention relates to cartridges of suitable size and capacity to be used for filling pipes, the cartridges containing sufficient tobacco for one charge in the average pipe, and to a simple and novel device for depositing the contents of the cartridge into the pipe bowl.

The cartridges, while containing sufficient for a single charge of the pipe may be formed in a continuous rod as cigarettes are formed in a cigarette machine and then cut in lengths suitable for the present purpose. The cartridges are formed preferably cylindrical in cross section and the edges of the incasing material, say paper, are brought together and secured, as by pasting, and the edges extend outwardly from the sides of the cartridge sufficiently to be held by the finger or thumb when placed in my novel filling device. The filling device itself is very simple, inexpensive and very easy to handle. It comprises a receptacle having a slot for the reception of the projecting tab or strip of the cartridge and the tab or strip projects through this slot in the receptacle, so that the strip can be held from the exterior by pressing it with the thumb or finger against the receptacle while pressing a plunger to discharge the contents of the cartridge into the pipe. In the present case the cartridge can be very easily inserted and the incasing means removed after emptying the cartridge and the device is therefore very easy to handle.

In the drawings forming a part of this application, Figure 1 is an elevation of my invention, showing the method of using the device, Fig. 2 is a vertical section taken on the line 2—2 of Fig. 1, Fig. 3 is a horizontal section taken on the line 3—3 of Fig. 1, Fig. 4 is a side elevation of the filling device, and Fig. 5 is a perspective view of the cartridge.

The cartridge which forms a part of my invention is shown fully in Fig. 5 and it consists preferably of a cylindrical body with the ends open. The cartridge comprises a filler 1 of tobacco arranged in any

suitable manner and mixed or not as desired, that is, it may be formed of a mixture of several kinds of tobacco or it may consist of but one kind and it may be cut to suit the demands of the trade. To inclose this tobacco I form a rod by means of a casing 2 which wraps the tobacco in a rod and the edges of the casing which is preferably made of paper, are brought together and secured to each other, preferably by pasting them to each other. The edges thus secured are exterior of the cartridge and are of sufficient width to be used in the manner hereinafter set forth. These cartridges can be made in a continuous rod similar to cigarettes and then cut in suitable lengths and suitable brand marks may be printed on the wrapper before the rod is formed. The cartridges thus constructed may be sold in any desired quantities and they are each intended to contain enough tobacco to charge the bowl of an ordinary pipe.

I have provided a novel and simple device for discharging the tobacco from the cartridge into the pipe bowl, and the preferred form thereof consists of a casing 4 which I prefer to form cylindrical, and the lower end 5 of which is rolled to prevent the casing from entering the pipe bowl. The upper end of the casing I have closed with a cap 6 having a central aperture in which the rod 7 is guided. On the upper end the rod 7 carries an enlarged head 8 and on the lower end and inside the casing it carries a pusher plate 9, which engages the tobacco of the cartridge as will appear. The lower end of the casing 4 is open and it is through this end that the contents of the cartridge (the tobacco) is discharged into the pipe. In the casing 4 I provide a slot 10, which extends from the end which is open, in the present showing the lower end, upwardly, and preferably the greater part of the length of the casing. This slot preferably flares at the bottom and it is sufficient in width to permit the extending strip 3 of the cartridge to move freely therein. The device is used in the following manner.

One of the cartridges is inserted in the lower end of the casing 4 and pushed up until it is entirely within the casing and when inserting the cartridge the strip 3 projects through the slot 10 and therefore extends exteriorly of the casing 4. The exteriorly extending flap 3 is then pressed against the casing, preferably as shown in

Fig. 1 and while so held the plunger is depressed and the plate 9 will force the tobacco out of the cartridge directly into the bowl of the pipe held beneath. The device is then removed from the pipe and when the thumb is disengaged from the strip 3 the cartridge casing 2 will drop out of the inserting device and the latter is ready for the next use.

It will be apparent that the device is very simple and very easy to handle and the empty shell of the cartridge is discharged from the holder without the slightest difficulty.

Having described my invention what I claim is;

In a device of the class described, a casing for the reception of a tobacco cartridge, said

casing being open at one end and having a slot extending from the open end, a plunger movable in the casing, and a cartridge, comprising a tobacco filler and an inclosing wrapper, adapted to be inserted in said casing and provided with a projecting tab or strip adapted to extend through the said slot, whereby the same may be gripped from the exterior of the casing, the plunger being arranged to force the tobacco filler lengthwise from said cartridge.

Signed at the city, county and State of New York, this 5th day of November, 1910.

PAUL A. DRUCKLIEB.

Witnesses:

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