

M. RUBIN.
CIGARETTE-FILLER.

No. 172,661.

Patented Jan. 25, 1876.

Fig. 1.

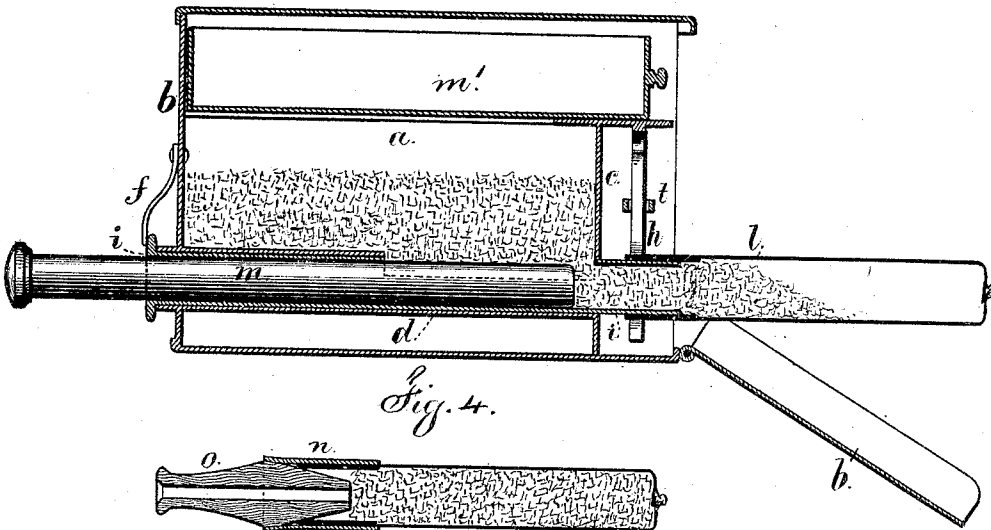


Fig. 4.

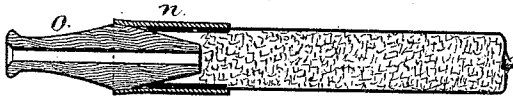


Fig. 2.

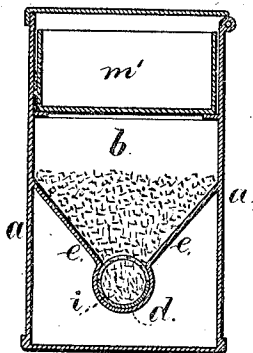
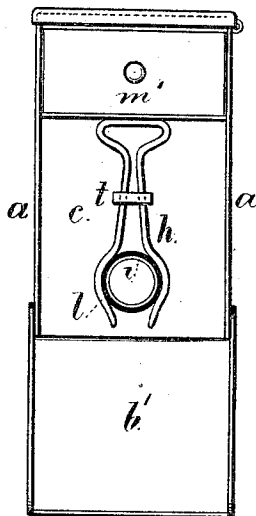


Fig. 3.



Witnesses

Charles Smith
Harold J. Ferrell

Inventor

Max Rubin
per Lemuel W. Ferrell atty

UNITED STATES PATENT OFFICE

MAX RUBIN, OF BROOKLYN, E. D., NEW YORK.

IMPROVEMENT IN CIGARETTE-FILLERS.

Specification forming part of Letters Patent No. **172,661**, dated January 25, 1876; application filed December 13, 1875.

To all whom it may concern:

Be it known that I, MAX RUBIN, of Brooklyn, E. D., in the county of Kings and State of New York, have invented an Improvement in Tobacco-Holder and Cigarette-Filler, of which the following is a specification:

Tubes have been used for receiving the tobacco, and a plunger for forcing the same into a paper case at the end of such tube.

My invention is for facilitating the filling of the paper case directly from the tobacco-box.

I employ a box containing the tobacco, a tube, slotted at one side, passing through said box, a plunger for forcing the tobacco from the tube into the paper case, and a clamp for holding the paper case upon the end of the filling-tube while being charged. This box and cigarette-filler may be of a size large enough for manufacturing the cigarettes, or be portable and contain a drawer for holding paper or cases, so that they can be made up and filled as required for smoking.

In the drawing, Figure 1 is a vertical section longitudinally of the box. Fig. 2 is a cross-section of the same. Fig. 3 is an elevation of the clamping device that holds the paper case, and Fig. 4 is a section of the cigarette as ready for use.

The box for the tobacco is made with the sides *a*, front *b*, and end *c*, and there is a false bottom, *e*, made as a double incline, that leads the tobacco to the slotted stationary tube *d*. There is a movable tube, *i*, inserted into the tube *d*, and held by a spring-button, *f*, and this tube has a slot at one side, and projects through the end *c*, and between the spring-clamps *h*, that are provided with the slide *t* to close or open them. The cigarette-case *l* is put around the end of this tube *i*, and held by the clamps *h*, while the tobacco is carried back into the case by the plunger *m*, moved in the tube *i*.

The paper cigarette-cases will usually be made up with the edges pasted together, and with a small piece of thicker paper at the end where the clamp *h* acts, so as to strengthen the thin paper out of which these cases are usually made; and this band of thicker paper allows a tubular tip, at *o*, to be inserted and the to-

bacco of the cigarette consumed to a greater extent than it can be when the paper case is inserted between the lips.

If it is desired to roll up a piece of paper to form the case, the tobacco-box is turned upside down, the tube *i* is drawn out, the piece of paper rolled around it, the end folded in, and the tube and case are again inserted, and the case *l* is drawn sufficiently along to receive the tobacco through the tube *i*.

It is preferable to surround the paper with a thin cylinder, *n*, of hard rubber or similar material, inserted within the clamping-springs, and upon which they pass in holding the case while being filled, and this cylinder may be used as the mouth-piece at the end of the cigarette, or receive a separate mouth-piece or tubular tip, *o*, while smoking the cigarette.

A hinged flap, *b'*, at the end of the tobacco-box serves to inclose the end of the tube *i* and the space occupied by the spring-clamp *h*.

A drawer, *m*, in the upper part of the tobacco-box, forms a receptacle for cigarette-cases, or the paper from which they are made. The removable tube *i* is especially useful in rolling up the paper for making the cigarette-case, and where the cases are prepared separately, it is only necessary to have a stationary tube, upon which the case is clamped by the springs.

I claim as my invention—

1. The cigarette-filler made of the movable slotted tube *i* and plunger *m*, combined with the tobacco-box and the spring-clamp *h*, for holding the case to the end of the tube.

2. The thin cylinder *n*, surrounding the cigarette-case, in combination with the tube *i*, plunger *m*, and the jaws *h*, that press upon this cylinder *n*, to hold the same while the case is being filled, as set forth.

3. A tobacco-box provided with a sliding plunger in the bottom thereof, a tube projecting at one end of such box, and a clamp to hold the cigarette-case to such tube, substantially as set forth.

Signed by me this 10th day of December, A. D. 1875.

MAX RUBIN.

Witnesses:

GEO. T. PINCKNEY,
CHAS. H. SMITH.