

No. 720,232.

PATENTED FEB. 10, 1903.

W. E. DAVIDSON.

CIGAR OR CIGARETTE HOLDER.

APPLICATION FILED NOV. 7, 1902.

NO MODEL.

Fig. 1.

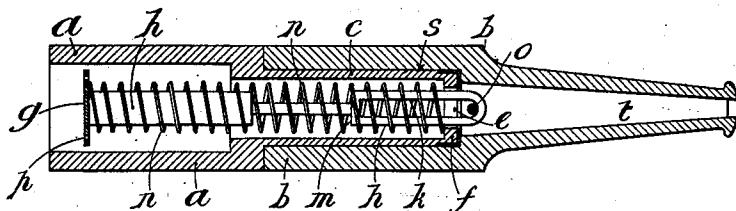


Fig. 2.

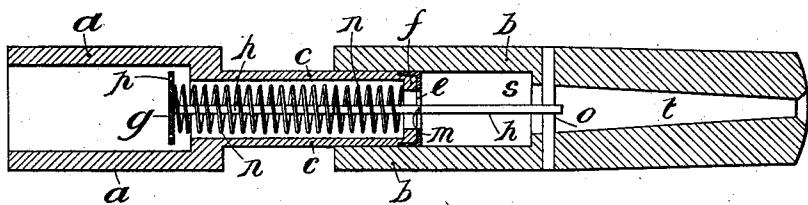


Fig. 4.

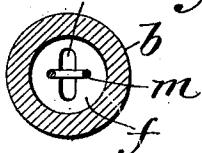
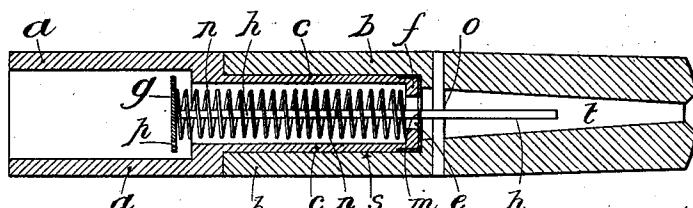


Fig. 3.



WITNESSES

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WILLIAM EMERY DAVIDSON, OF NORTH SHIELDS, ENGLAND.

CIGAR OR CIGARETTE HOLDER.

SPECIFICATION forming part of Letters Patent No. 720,232, dated February 10, 1903.

Application filed November 7, 1902. Serial No. 130,372. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM EMERY DAVIDSON, of 89 Bedford street, North Shields, in the county of Northumberland, England, have invented certain new and useful Improvements in Smoking-Tubes, of which the following is a specification.

This invention relates to smoking-tubes for holding tobacco, cigars, or cigarettes, and has for its object to provide means whereby the fag end or burned remnant of the tobacco or the cigar or cigarette is easily ejected, the said means being concealed within the holder, and so in no way detracting from its appearance.

15 A holder made in accordance with the invention is formed in two parts, one part telescoping more or less upon the other. Within the holder is disposed a piston or head adapted to be retracted against the influence of a spring and held until it is desired to release the same, the act of releasing the piston causing it to shoot forward and eject the cigar or cigarette end.

20 In the accompanying drawings, Figure 1 is a sectional elevation of one form of holder made in accordance with the invention, showing the piston in its extended position. Fig. 2 is a similar view showing the parts in an intermediate position. Fig. 3 is a sectional elevation showing the piston in its retracted position, and Fig. 4 is a cross-section of Fig. 2 at the right of the catch.

25 Referring to the said drawings, the holder is made in two parts—a forward part *a*, formed to receive the cigar or cigarette, and a part *b*, shaped to suit the mouth. The part *a*, intended to receive the cigar or cigarette, is formed with a hollow extension *c*, adapted to telescope into the other part, said extension 30 having a transverse slot *e* at its end *f*. The part *b* has a cylindrical recess *s* and a smoke-bore *t*.

35 Disposed within the holder is a piston or head *g*, secured to a stem or rod *h*. The stem or rod is formed with a slot *k* at one end and is provided with a shoulder, notch, or projection *m*, adapted to form a catch to coact with the slotted end *f* of the hollow extension, so as to hold the piston back when the 40 parts are drawn apart and turned in relation to one another. A spiral spring *n* is disposed

on the rod or stem *h* between the piston-head *g* and the slotted end *f* of the hollow extension and normally serves to force the piston-head *g* into the part *a*, intended to receive the cigar or cigarette. A pin *o* is disposed in the part *b*, shaped to suit the mouth, and passes through the slot *k* in the stem *h* and keeps the parts together. The piston-head is or may be perforated, as at *p*, and an additional ferrule is or may be provided between the two parts and fixed to one part and telescoping over the other. The arrangement is such that when the two members *a* and *b* are drawn apart the head or piston *g* is retracted and the spring *n* compressed. When that portion of the stem *h* having the slot *k* and notch *m* has passed through the slot *e* in the end of the extension *c*, a partial turn of the two parts *a* and *b* in relation to one another causes the notch *m* to coact with the end *f* of the extension, and thereby retains the piston *g* in the drawn-back position, as shown in Fig. 2. The two parts *a* and *b* can then be closed or brought together, as shown 75 in Fig. 3. If the members *a* and *b* are now turned so as to disengage the notch *m* from the end *f* of the extension *c*, the head or piston *g* is forced forward by the spring *n*, and the cigar or cigarette is ejected. 80

What I claim, and desire to secure by Letters Patent, is—

1. The combination with a smoking-tube of a mouthpiece, a forward part adapted to be slid and turned in the mouthpiece, a spring-pressed stem with piston-head and slotted end disposed in the forward part, and connected to the mouthpiece, and means for retracting said stem and locking and releasing the same in and from the retracted position.

2. An improved smoking-tube comprising a mouthpiece having a cylindrical recess and a smoke-bore, a forward part adapted to receive a cigar or cigarette and formed with a hollow extension having a slotted end, said extension being disposed in the cylindrical recess and adapted to be turned and slid therein, a stem having a piston-head at one end and a slotted part at the other end, and a shoulder, said stem and piston being disposed in the forward part of the holder and so arranged that the slotted

end of the stem passes through the slot in the end of the hollow extension; a spiral spring disposed in the hollow extension of the forward part and between the piston-head and 5 the slotted end of the hollow extension, and a pin disposed in the mouthpiece and passing through the slotted end of the stem; the shoulder on the stem being disposed in the hollow extension when the spring is in its extended 10 position and disposed outside the hollow extension in the smoke-bore when the spring is in its retracted position said shoulder being locked by the slotted end in the retracted position and released therefrom when the stem 15 is turned in relation to the slotted end.

3. In smoking-tubes the combination of a mouthpiece having a smoke-bore, a forward part fitted telescopically to the mouthpiece, a spring-pressed piston-head in the forward 20 part, a stem projecting from the piston-head into the mouthpiece, a pin-and-slot connection between said stem and the mouthpiece, means for locking the piston in its retracted position to the forward part by turning the 25 telescopic parts one in regard to the other and for releasing the locked parts by turning the

telescopic parts when in closed or extended position.

4. In smoking-tubes the combination of a mouthpiece having a smoke-bore, a forward part fitted telescopically to the mouthpiece, a spring-pressed piston-head in the forward part, a stem projecting from the piston-head into the mouthpiece, a pin-and-slot connection between said stem and the mouthpiece, a 30 shoulder on the stem, means for engaging said shoulder when the telescopic parts are extended and turned one in regard to the other and so locking the piston in its retracted position but allowing the telescopic parts 35 to be closed together, the turning of the telescopic parts serving to release the shoulder and spring-pressed piston, substantially as and for the purpose set forth.

In witness whereof I have hereunto signed 45 my name in the presence of two subscribing witnesses.

WILLIAM EMERY DAVIDSON.

Witnesses:

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