

A. BREAR.
Smoking-Tubes.

No. 136,695.

Patented March 11, 1873.

Fig. 1

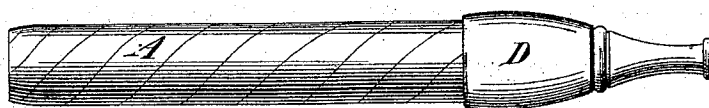
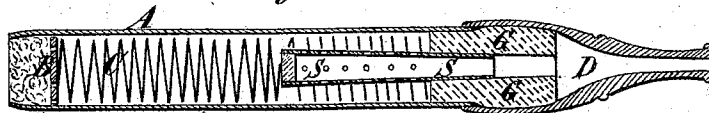


Fig. 2



Witnesses:
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ABEL BREAR, OF SAUGATUCK, CONNECTICUT.

IMPROVEMENT IN SMOKING-TUBES.

Specification forming part of Letters Patent No. 136,695, dated March 11, 1873.

To all whom it may concern:

Be it known that I, ABEL BREAR, of Saugatuck, in the county of Fairfield and State of Connecticut, have invented an Improved Smoking-Tube, of which the following is a specification:

This invention relates to tubes for smoking cut tobacco, whereby it is designed to simulate the appearance of a cigar. These as heretofore made have been defective, mainly owing to the loosening of the joint between the tube and its mouth-piece after use for a short time, and also on account of the liability of the particles of tobacco to be drawn into the mouth-piece so as to stop it up. The object of this invention is to obviate these defects; and to this end it consists in the combination, with the tube and its mouth-piece, of an elastic connecting-piece and a taper perforated stem inserted therein so as to project within the tube, whereby the tobacco is absolutely prevented from entering the mouth-piece at all, and whenever the joint becomes loose the taper stem may be pushed further into the aforesaid connecting-piece to expand it and tighten the joint.

In the accompanying drawing, Figure 1 is a side view of the smoking-tube, and Fig. 2 is a longitudinal section of the same.

Similar letters of reference indicate corresponding parts in both figures.

A is a tube of thin metal, which is open at both ends, but at the outer it is slightly contracted, or, in other words, has its edge turned inward, as shown in Fig. 2. A tobacco-colored wrapper is wound around the tube to give it the semblance of a cigar. There is within this tube a follower, B, attached to a spiral spring, C, also contained in the tube. A mouth-piece, D, fitted to the inner end of the tube, forms a back for the spring to bear against. This mouth-piece is made to resemble a cigar-holder, and is furnished at the forward end with a connecting-piece, G, of cork, India rubber, or other elastic material, to preserve a tight joint about the end of the tube. There is inserted into this connecting-piece from the outer end

a perforated hollow stem, S, which projects into the tube A and constitutes a guide for the spring C, and also prevents any tobacco which may be drawn past the plunger from being sucked into the mouth-piece, the smoke which is drawn through it passing in through the perforations. By this means the mouth-piece is kept from clogging up and the smoking of the device is facilitated. This stem S is taper, and may be pushed further into the connecting-piece to expand it whenever the joint about the tube becomes loose.

To fill the tube, the mouth-piece is removed and a charge of tobacco is introduced from the inner end of the tube, while the finger is held on the outer end. The follower and spring are now inserted and the mouth-piece is applied. The tobacco is lighted, and as fast as it is consumed the spring, by its resilience, forces the charge forward so the burning tobacco will always be at the end of the tube and the semblance of a cigar will be maintained all the while.

Cut or granulated tobacco of any kind may be used in this tube, and it will not be forced out, owing to the contraction of the end of the tube, which, upon any tendency to move forward, compresses or crowds its particles together, and so prevents their ejection; and, moreover, any particles of tobacco which are drawn past the plunger will be prevented from entering the mouth-piece and stopping it up by reason of the smallness of the perforations in the stem. The smoke, however, is allowed to pass freely through the mouth-piece without any obstruction.

Claim.

The combination, with the tube A and its mouth-piece D, of the elastic taper connecting-piece G and perforated stem S, substantially as and for the purpose set forth.

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Witnesses:

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