(No Model.)

A. BURBANK.

TOBACCO PIPE.

No. 270,562. Patented Jan. 9, 1883.

Fig. 1.

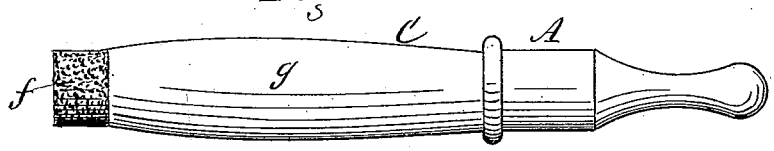


Fig. 2.

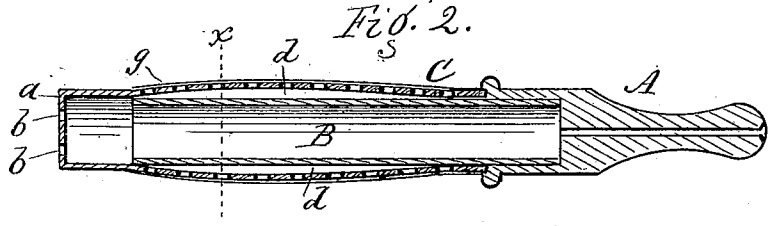


Fig. 3.

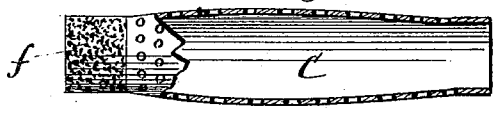


Fig. 6.

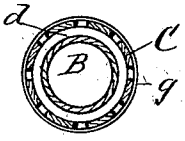


Fig. 4.

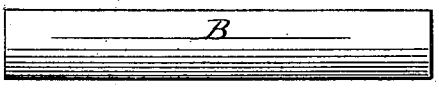


Fig. 7.

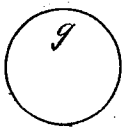
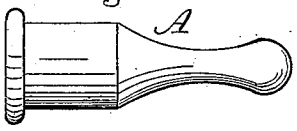


Fig. 5.



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UNITED STATES PATENT OFFICE.

ABNER BURBANK, OF ROCHESTER, NEW YORK.

TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 270,562, dated January 9, 1883.

Application filed July 8, 1882. (No model.)

To all whom it may concern:

Be it known that I, ABNER BURBANK, of Rochester, Monroe county, New York, have invented a certain new and useful Improvement in Smoking-Pipes; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, in which—

Figure 1 is a plan of the device. Fig. 2 is a central longitudinal section. Fig. 3 is a longitudinal section of the exterior perforated case. Fig. 4 is a plan of the interior tube or barrel. Fig. 5 is a plan of the mouth-piece. Fig. 6 is a cross-section in line *x x* of Fig. 2. Fig. 7 is the wrapper.

My improvement relates to that class of smoking-pipes which are in imitation of a cigar with a mouth-piece.

The invention consists in the combination, with the mouth-piece and interior tobacco-holding tube attached to the mouth-piece, of a metallic case having bearings at its ends to fit and slide on the tube, swelled outward in the middle to form a dead-air space around the said tube, thickly perforated in the said swelled part, and surrounded with a covering to close the perforations.

In the drawings, A shows the mouth-piece, which is similar in form to an ordinary cigar-holder, except that it has in its front end a cylindrical cavity, which receives the end of the smoking-tube.

B is the interior smoking-tube, which is open at both ends, one end fitting closely into the cavity of the mouth-piece, the other allowing the tobacco to be inserted and ignited.

C is the exterior casing, the same being open at one end to allow it to be slid over and upon the interior tube, the other end being closed by a disk or head, *a*, but provided with one or more small holes, *b b*, to allow proper draft to support combustion. The open end which slides over the tube fits closely up against the end of the mouth-piece, so that the whole interior tube is tightly inclosed. The body of the casing is bulged or swelled into the form of a cigar, and leaves between it and the interior tube a dead-air space, *d*, all around, as shown in Figs. 2 and 6. The ends, however, are contracted and fit closely to the interior tube, so that the dead-air space is shut at both ends, and no circulation is allowed to pass into the draft. The front end of the case projects beyond the tube, and its exterior is covered with some preparation in imitation of the ash of a cigar, as shown at *f*.

The body of the case is perforated with numerous small holes, and its exterior surface is covered by a covering, *g*, of paper or other material of the color of a cigar-wrapper.

The device thus made and connected resembles an ordinary cigar attached to a mouth-piece or holder.

In use the exterior case is removed, the interior tube is filled or partially filled with tobacco, the tobacco is ignited, the case is replaced over the tube, and the device can then be smoked like an ordinary cigar.

I am aware that pipes in imitation of cigars have before been used. By my invention, however, the draft is compelled to come in at the front end and pass directly through the tube, and the dead-air space forms a non-conductor of heat, so that the outside of the device is kept so cool that it can be held in the hand without trouble, which could not be the case if the inner tube alone were used, or if the whole body of the case came in close contact with the tube. Another advantage consists in perforating the case, thereby reducing the amount of metal and lessening the heating-surface, also enabling the covering-paper, which is glued on the outside, to obtain firm hold by the setting of the glue into the perforations.

The device above described is in simple and compact form, and convenient in use.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In combination with the mouth-piece A and interior tube, B, attached to the mouth-piece, the metallic case C, having bearings at its ends to fit and slide on the tube B, swelled outward in the middle to form a dead-air space around the said tube, thickly perforated in said swelled part, and surrounded with a covering, *g*, substantially as and for the purpose herein specified.

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

ABNER BURBANK.

Witnesses:

R. F. OSGOOD,

E. P. FOLLETT.