

(No Model.)

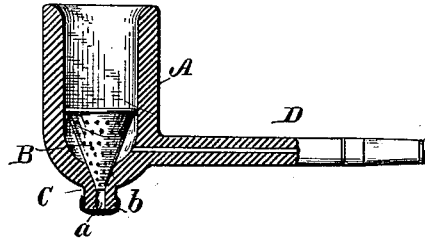
G. W. CONOVER.

TOBACCO PIPE.

No. 348,189.

Patented Aug. 31, 1886.

*Fig 1.*



*Fig 2.*



*Fig. 3. a*



WITNESSES:

*James Brown*  
*as Harrington*

INVENTOR

*George W. Conover*  
*by his atty J. D. Stearns*

# UNITED STATES PATENT OFFICE.

GEORGE W. CONOVER, OF PHILADELPHIA, PENNSYLVANIA.

## TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 348,189, dated August 31, 1886.

Application filed April 22, 1886. Serial No. 199,721. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. CONOVER, a citizen of the United States, residing in the city of Philadelphia, in the State of Pennsylvania, have invented certain new and useful Improvements in Tobacco-Pipes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to pipes for smoking tobacco; and it consists in combining with a pipe having an opening at the elongated base of the bowl, closed by a removable screw-cap, an inverted hollow conical perforated button containing salt or other neutralizing substance for the oil of tobacco or nicotine, and in minor combinations of said parts.

In the accompanying drawings, in which similar letters of reference refer to like parts in the several views, Figure 1 is a vertical section, showing the construction of the base of the bowl, the removable screw-cap, and the hollow conical perforated button inverted and set in that position in the base of the bowl. Fig. 2 is an elevation of the hollow conical perforated button with the hinged top or lid thereof raised; and Fig. 3 is a view thereof with the parts in position to be placed in the bowl of the pipe.

The pipe proper consists of a bowl, A, and a stem, D, of any usual form, preferably, but not necessarily, made in one piece, the bowl A having an opening, *a*, in its base, closed by a removable screw-cap, *b*, in order that the hollow button B may be more easily removed without injury, when necessary to clean it, by pushing it upward from the bottom. I prefer to construct the base of the bowl with an elongated end or tip, C, bored out hollow, so that the screw-cap may be thereby more readily and securely applied, as shown in Fig. 1; but an ordinary screw-plug may be used in lieu of a screw-cap, and be equally efficient. The hollow button B is made in the form of a conical cup, and is supplied with a hinged lid, *d*, forming the base of the cone. It is inserted in the pipe in an inverted position, so that the apex of the cone will reach to or extend slightly through the opening in the base of the bowl, and the base or lid of the conical cup will fit tightly and snugly in the bowl. The lid *d* of

the button is perforated in one or more places, and the conical portion thereof is also perforated by a series of small holes extending from the apex to the base. It will thus be seen that when the button is in position in the bowl and the pipe is in use the smoke from the burning tobacco will be drawn down through the perforations in the lid of the button into the hollow conical body thereof, and outward through the perforations in the conical part thereof to the end of the stem of the pipe. The button is made conical in form, or tapering from its inverted base or lid to the end fitting into the opening in the base of the bowl, in order that there may be a free open annular space in the base of the bowl around the taper end of the button, to prevent clogging of the air-passage in the stem of the pipe; and by this arrangement of parts it will be seen that such open annular space is completely shut off from the upper part of the bowl by the close fitting therein of the lid of the button forming the top thereof. This construction of pipe enables me to fill the inverted hollow conical button with pulverized or crushed salt, or other neutralizing substance for the oil of tobacco or nicotine, and the top of the button is made with a hinged lid, in order that the supply may be renewed from time to time. The removal of the screw-cap D enables the user to push the button-cup B out of the pipe-bowl for cleansing when desired.

I am aware of the invention described in Letters Patent of the United States No. 60,733, dated January 1, 1867, for a hollow button communicating with the stem, and filling up the entire space in the base of the bowl; but I do not claim the same, as my invention is radically different therefrom, in that the button is not a mere nicotine-cup, nor is there any communication between the end of the stem and the button, and the latter is made conical in form, in order that there shall be an annular space surrounding the taper end thereof in the base of the bowl, the smoke being drawn into the button through the perforations in the conical end thereof, and into the annular space in the base of the bowl below the lid of the button before reaching the end of the stem, for the purpose hereinbefore described.

Having thus described my invention, what

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

1. A tobacco-pipe consisting of a stem, with a bowl open at its base and closed by a removable screw-cap, in combination with the inverted hollow conical perforated button herein described, substantially as set forth.
2. The combination, with the stem and bowl of a tobacco-pipe, of the hollow perforated cone-shaped button secured in an inverted position in the bowl, with its base above the air-passage of the stem of the pipe, substantially as set forth.
3. The combination, with the bowl A and stem D of a tobacco-pipe, of an inverted hol-

low perforated cone-shaped button having a hinged lid, said button being filled with crushed salt or other neutralizing agent of oil of tobacco or nicotine, and being arranged in the bowl with the base above the air-passage of the stem, and with the taper end thereof downward, substantially as described.

In testimony whereof I have hereunto affixed my signature this 16th day of April, A. D. 1886.

GEORGE W. CONOVER.

Witnesses:

FRANCIS S. BROWN,  
H. T. FENTON.