

No. 737,550.

PATENTED AUG. 25, 1903.

P. H. BARZ.  
TOBACCO PIPE.

APPLICATION FILED APR. 23, 1903.

NO MODEL.

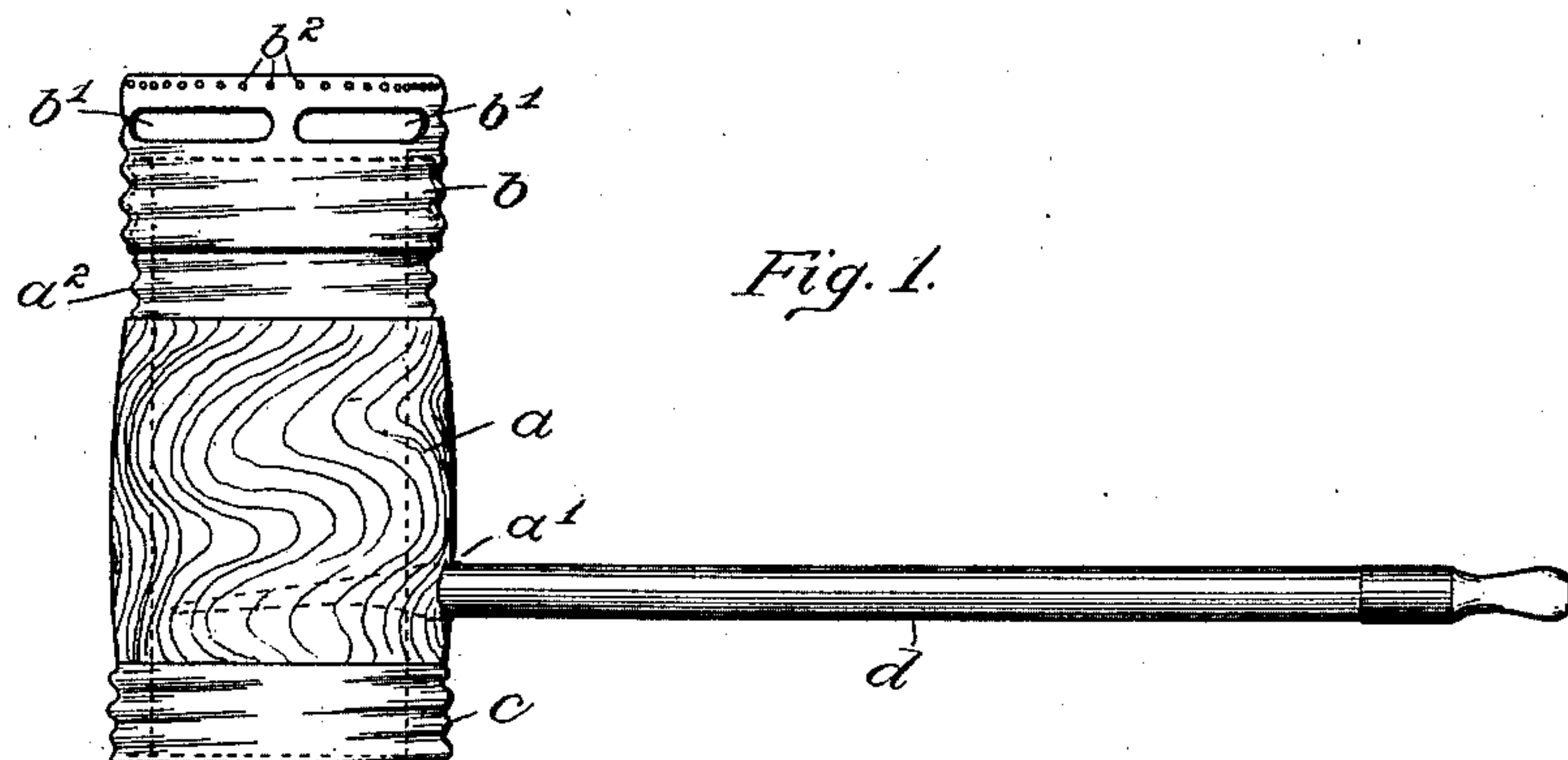


Fig. 1.

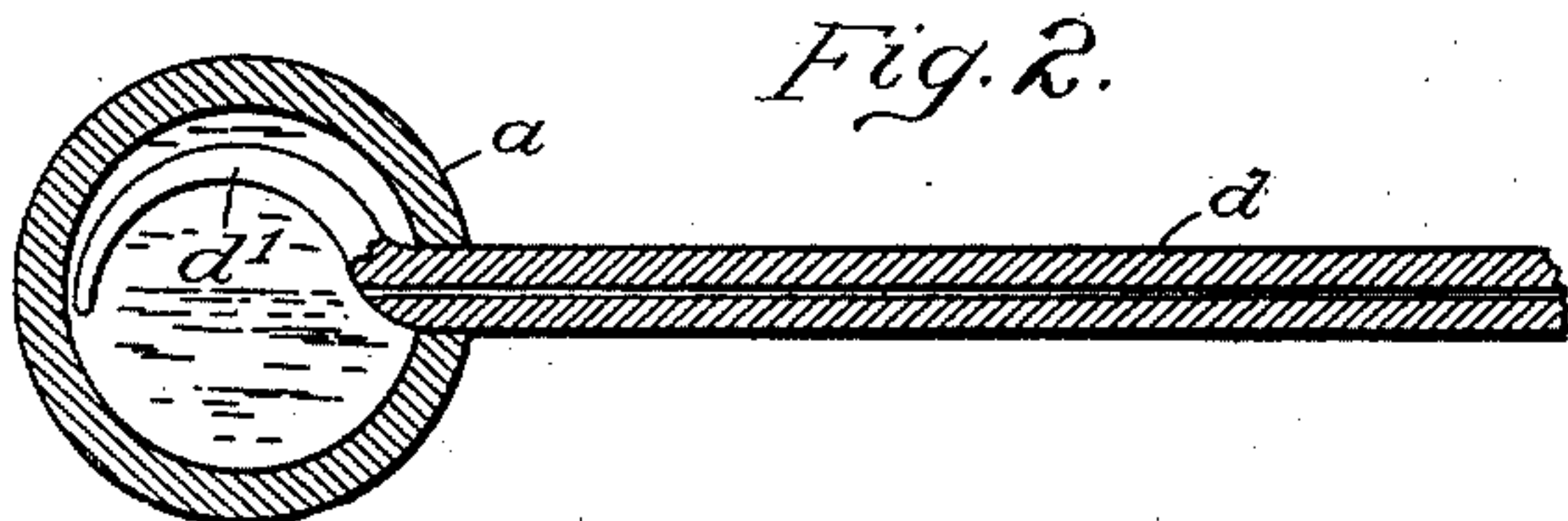


Fig. 2.

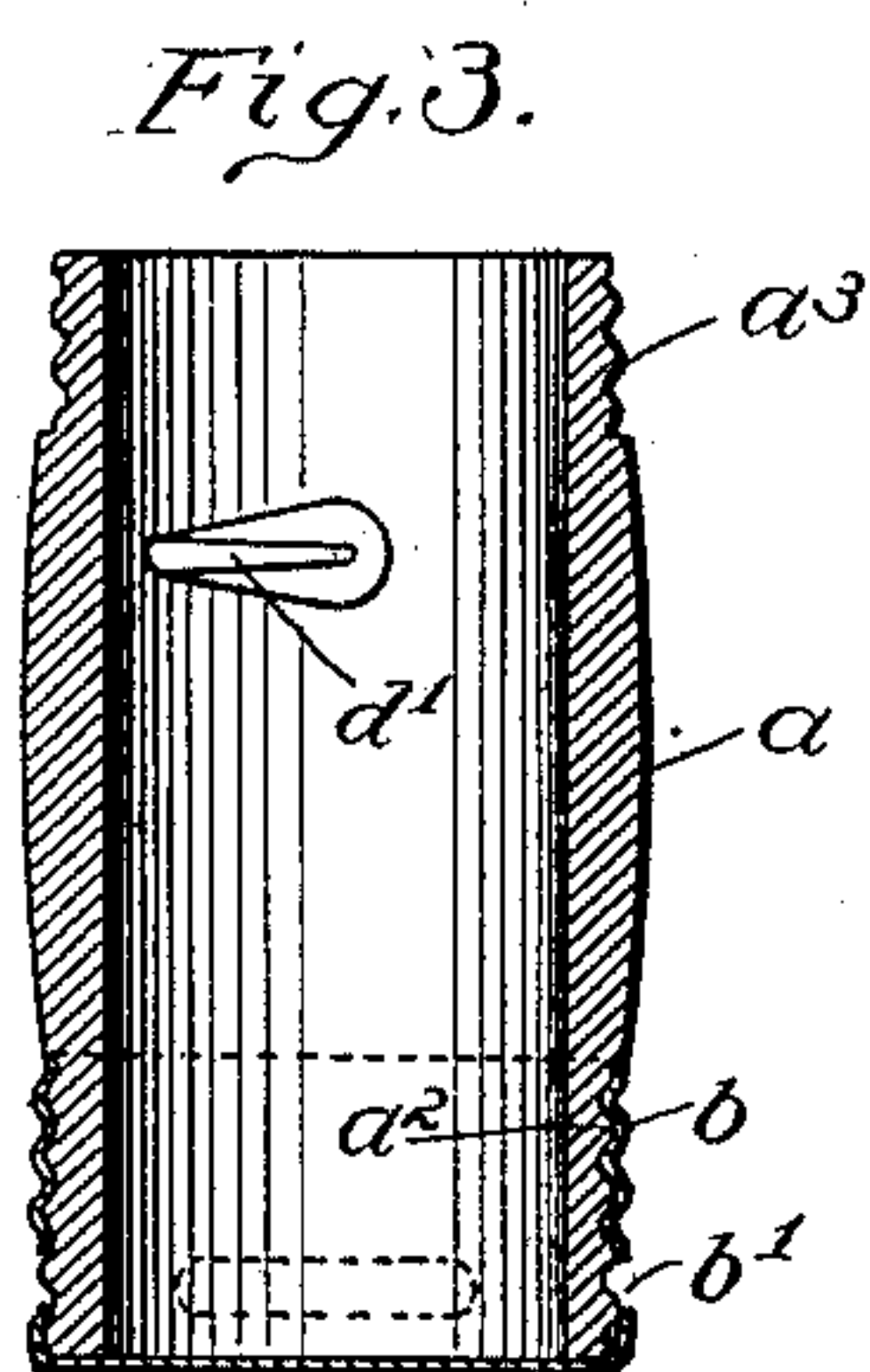


Fig. 3.

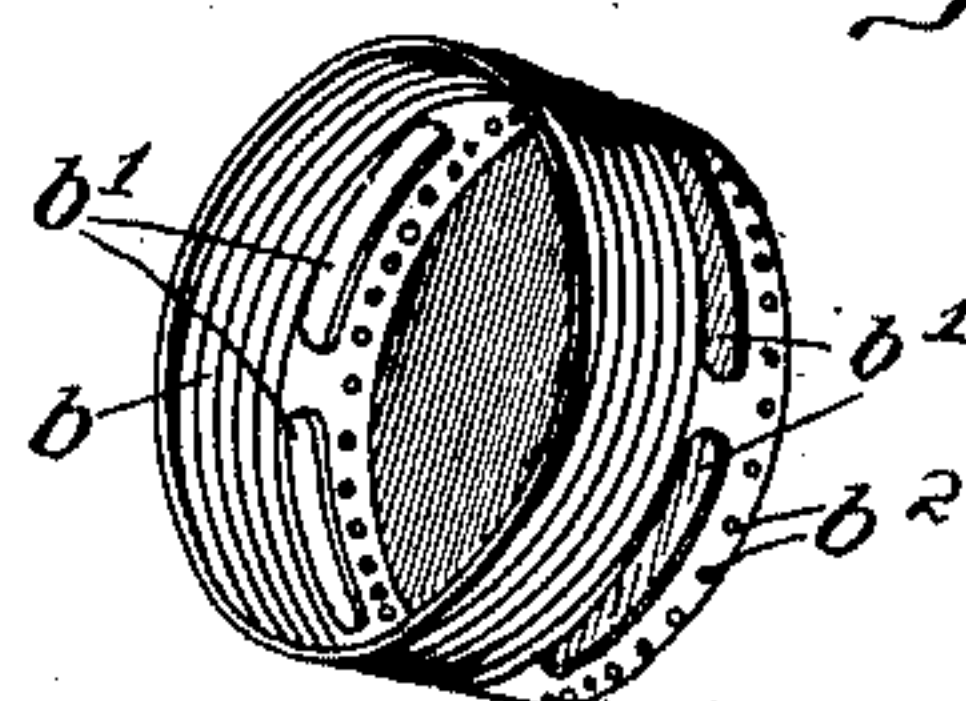


Fig. 4.

Witnesses:  
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Att'y.



# UNITED STATES PATENT OFFICE.

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## TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 737,550, dated August 25, 1903.

Application filed April 23, 1903. Serial No. 153,881. (No model.)

*To all whom it may concern:*

Be it known that I, PAUL H. BARZ, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Tobacco-Pipes, of which the following is a specification.

My invention relates to improvements in tobacco-pipes; and the especial objects attained by said improvements are a pipe which can be readily smoked in strong winds or air-currents without danger of the tobacco or embers blowing away, which can be renewed or filled from either the top or the bottom of the bowl, which can be renewed by filling the fresh tobacco below the coals or embers of the burned tobacco, thus avoiding the smothering of such embers, which frequently occurs when the tobacco is placed above the embers, and in which means are provided for stirring the tobacco should it become packed too tightly in the bowl without removing the cap or top.

In the accompanying drawings, which form a part of this application, Figure 1 is a side elevation of my improved pipe complete. Fig. 2 is a cross-section through the lower portion of the bowl and a part of the stem. Fig. 3 is a vertical section through the bowl inverted. Fig. 4 is a perspective view of the cap or cover.

Referring to the drawings in detail,  $a$  represents a pipe-bowl made from wood or other suitable material in the cylindrical form shown and open at both ends. Through the side of the bowl at a point near its lower end a hole  $a'$  is provided for the stem  $d$ . The upper portion of the bowl is exteriorly threaded for a certain distance, as at  $a^2$ , and the lower portion is similarly threaded, as at  $a^3$ . On the threaded portion  $a^2$  is fitted an interiorly-threaded cap  $b$ , which is preferably formed of metal and in the sides of which are elongated slots or openings  $b'$ . In addition to said slots the cap is provided with an annular row of small holes  $b^2$  just below its top.

On the lower threaded portion  $a^3$  of the bowl is fitted an interiorly-threaded cover  $c$ , which is preferably made of metal, is imperforate, and serves as a complete closure for the lower end of the bowl.

The stem  $d$  has the usual smoke-passage therethrough which communicates with the interior of the bowl and is provided either integrally or otherwise with a hook  $d'$ , which is adapted to fit loosely within the bowl and normally rests in a horizontal position. When the tobacco needs to be stirred, it is not necessary to remove the cap, as the desired result is obtained by simply turning the stem.

In use the pipe is originally filled and lighted by removing the cap, and then the latter is replaced and screwed down until the openings  $b'$  reach the upper edge of the portion  $a^2$  of the bowl. If when in this position the draft is too strong, the cap is further screwed down until the openings or slots are partially blanked or covered by the sides of the bowl, the extent to which they are left uncovered being determined by the draft required to make the pipe "draw" well. When the pipe needs replenishing and before it is entirely "burned out," the cap is screwed down the full limit, the bowl inverted, the cover unscrewed, fresh tobacco inserted, the cover replaced, and the pipe returned to its normal position, whereupon by raising or screwing up the cap and "drawing" on the stem the fire in the embers will be communicated to the fresh tobacco, the draft resulting being of course downward. It will be apparent that even if the cap be screwed down to its full limit some air can enter the bowl through the small holes  $b^2$ , the quantity of air being sufficient under ordinary conditions to prevent the fire from being smothered, and at the same time when the bowl is inverted these holes are not large enough to permit the tobacco to fall therethrough.

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

1. In a tobacco-pipe, a bowl open at both ends, a removable imperforate cover for the lower end, and a cap for the upper end, said cap having elongated slots in its side walls and adapted to be adjusted vertically on the bowl, whereby said slots may be wholly or partially blanked by the sides of the bowl.

2. In a tobacco-pipe, a bowl open at both ends, a removable imperforate cover for the lower end, and a cap for the upper end, said



cap having elongated slots in its side walls and having a series of minute holes annularly arranged around said cap just below its top, said cap adapted to be adjusted vertically on the bowl whereby said slots may be wholly or partially blanked by the sides of the bowl.

3. In a tobacco-pipe, a bowl open at both ends, and having a portion adjacent each end exteriorly threaded, a removable, imperforate, interiorly-threaded cover fitting the lower end, and an adjustable interiorly-threaded cap fitting the upper end, said cap having openings of large area in its side walls near the top and having small openings in said walls located between the large openings and the top.

4. In a tobacco-pipe, a stem having a smoke-orifice therethrough and having a hook on its

inner end, said hook fitting within the bowl and adapted to be turned therein.

5. In a tobacco-pipe, a bowl open at both ends and having a portion adjacent said ends exteriorly threaded, a removable, imperforate interiorly-threaded cover fitting the lower portion of the bowl, an adjustable, removable, interiorly-threaded cap fitting the upper portion of the bowl, said cap having its side walls perforated with a series of large openings and a series of small openings, and stem having a hook portion fitting loosely within the pipe-bowl.

In testimony whereof I affix my signature in presence of two witnesses.

PAUL H. BARZ.

Witnesses:

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F. BENJAMIN.