

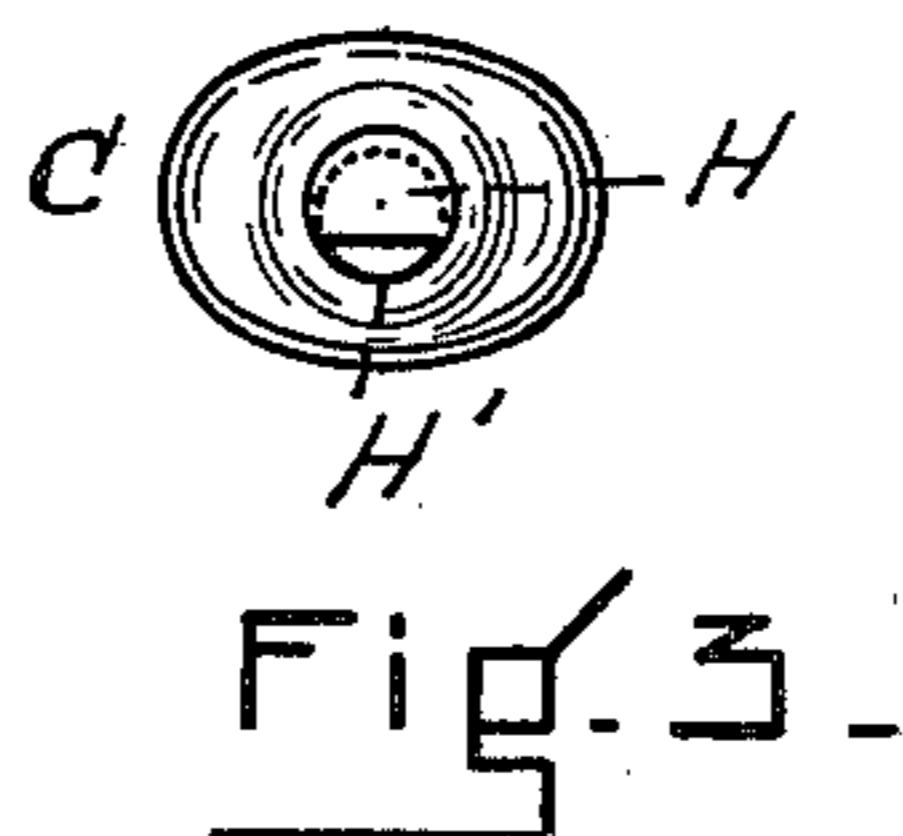
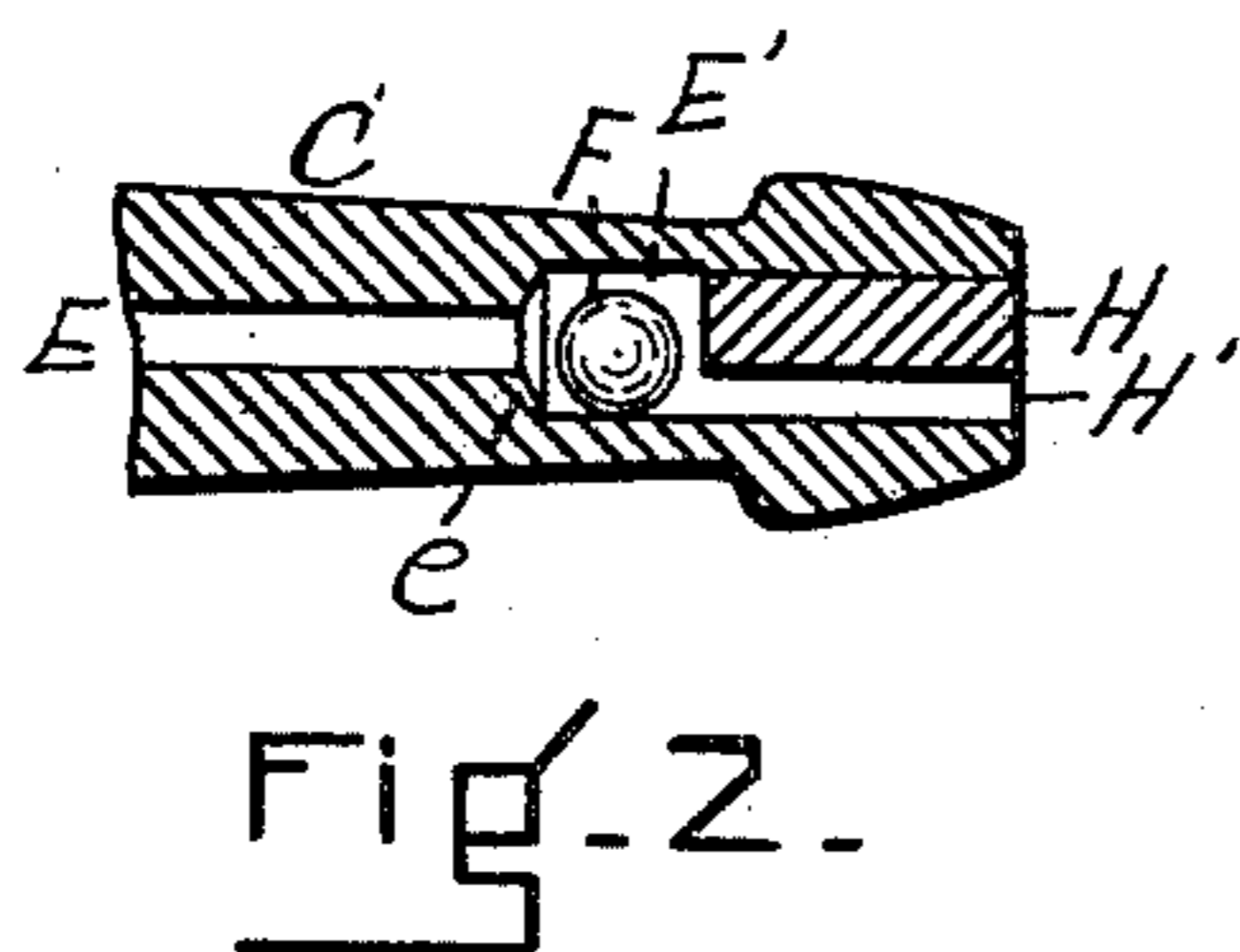
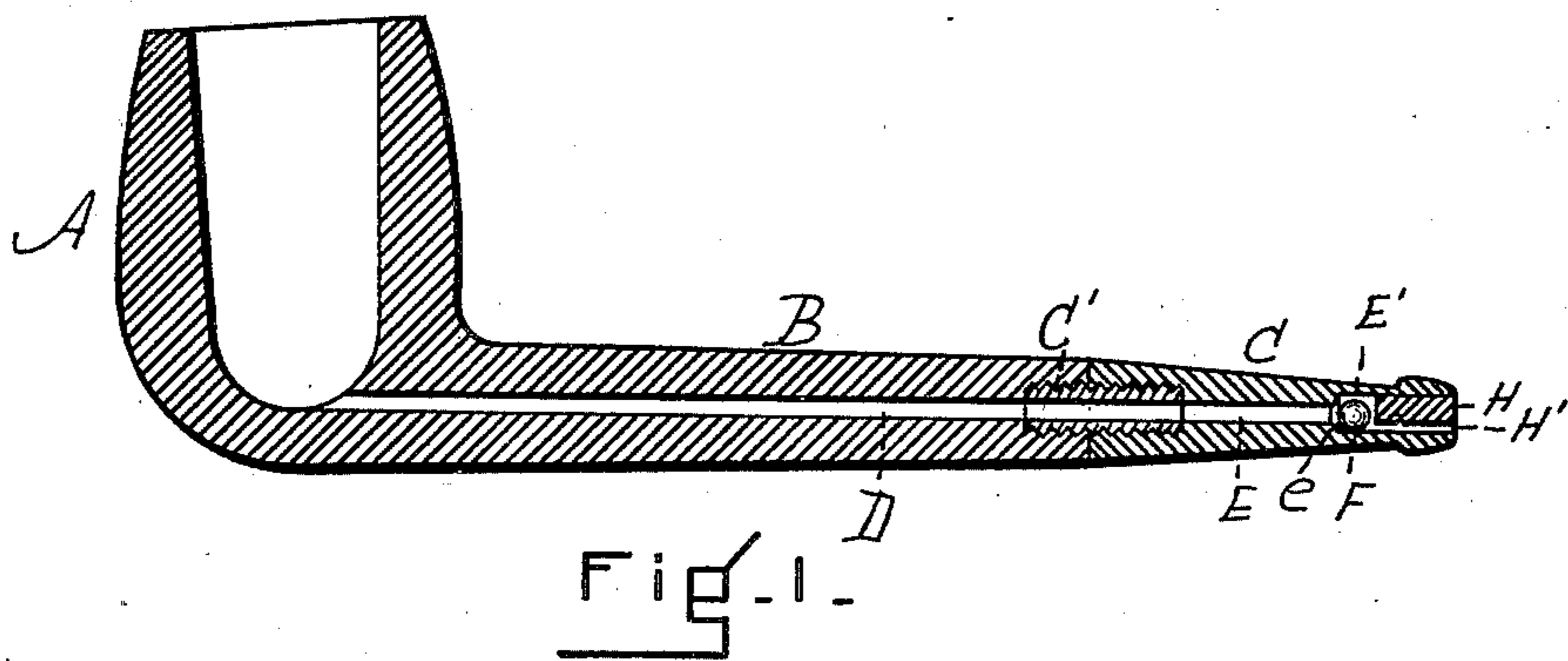
No. 652,632.

Patented June 26, 1900.

J. B. PERRY.
TOBACCO PIPE.

(Application filed Sept. 15, 1899.)

(No Model.)



WITNESSES

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TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 652,632, dated June 26, 1900.

Application filed September 15, 1899. Serial No. 730,582. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. PERRY, a citizen of the United States, residing in Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Tobacco-Pipes, of which the following is a specification.

This improvement has for its object to prevent filling of the passage in the stem by the admission of saliva from the mouth of the user, whereby such passage becomes more or less filled with moisture, which, mixing with the tobacco, finds its way therein and produces an unpleasant and foul deposit near the bowl. The fact that the position of a pipe when it is being smoked is usually with the bowl lower than the tip or end of the stem explains why the saliva so readily enters the stem and flows toward the bowl.

The invention or improvement relates to that part of the pipe which is commonly termed the "tip" or "mouthpiece," and the peculiar construction described below does not alter that portion of the tip which is screwed upon the stem, so that my improved tip may be applied to any ordinary pipe-stem to which the tips now in common use are applicable without altering the stem.

The nature of this invention or improvement is fully described below and illustrated in the accompanying drawings, in which—

Figure 1 is a longitudinal section of a pipe embodying my improvement. Fig. 2 is an enlarged longitudinal section of the end of the mouthpiece making part of the stem. Fig. 3 is an end view of the same.

Similar letters of reference indicate corresponding parts.

A represents the bowl, and B the stem, of the pipe.

C is the tip or mouthpiece, screwed to the stem at C'.

D and E are respectively the passages between the stem and mouthpiece. The passage E in the mouthpiece is enlarged in diameter near its rear end, so as to form a chamber E'. The forward end of this chamber has its edge which surrounds the entrance to the passage E beveled off at *e*, so as to constitute a broad seat for a freely-moving

ball within said chamber. A plug H is driven into the mouthpiece from the rear, said plug being provided with a passage H', which is preferably on one side of the center thereof. This plug is of sufficient length to make the chamber long enough to allow a slight play of the ball, and the plug is short enough to enable the chamber E' to be located near the end of the tip.

When the pipe is in use, the bowl is usually lower than the tip, so that the ball F rests against the edge *e* and closes the mouth of the passage E. Thus no saliva from the mouth can pass into the stem. As the smoker draws the ball is pulled back into the position indicated in Fig. 2, and when in such position the drawing up of the smoke prevents any saliva from passing from the mouth of the user into the tip or from running down into the passage E. When the user draws, the center of the ball rests against the lower end of the plug H. As the passage H' is one side of the center, there is no obstruction to the entrance of the smoke from the pipe into said passage H'. Thus all deposit of saliva in any portion of the passages B E is practically prevented.

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

1. In a tobacco-pipe, the herein-described improved tip or mouthpiece C adapted to be screwed in the ordinary manner to the stem of a pipe and provided with the passage E leading to the inner end of the tip, the enlarged chamber E' at a short distance from the outer end of the tip, and the passage H' leading from said chamber to the outer end of the tip; the plug H driven into said passage H' and partially but not entirely filling it; and a ball confined in said chamber between the inner end of the plug and the outer end of the passage E, substantially as described.

2. In a tobacco-pipe, the herein-described improved tip or mouthpiece C adapted to be screwed in the ordinary manner to the stem of a pipe and provided with the passage E leading to the inner end of the tip, the enlarged chamber E' at a short distance from

the outer end of the tip, and the passage H' leading from said chamber to the outer end of the tip; a ball within said chamber; and the plug H driven into the passage H' and
5 filling one side thereof, whereby the available portion of said passage is at one side of the center of the stem and the inner end of the plug is opposite the center of the ball, substantially as set forth.

JOHN B. PERRY.

Witnesses:

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