

No. 879,677.

PATENTED FEB. 18, 1908.

H. K. SADDLER.

SMOKING PIPE.

APPLICATION FILED FEB. 28, 1907.

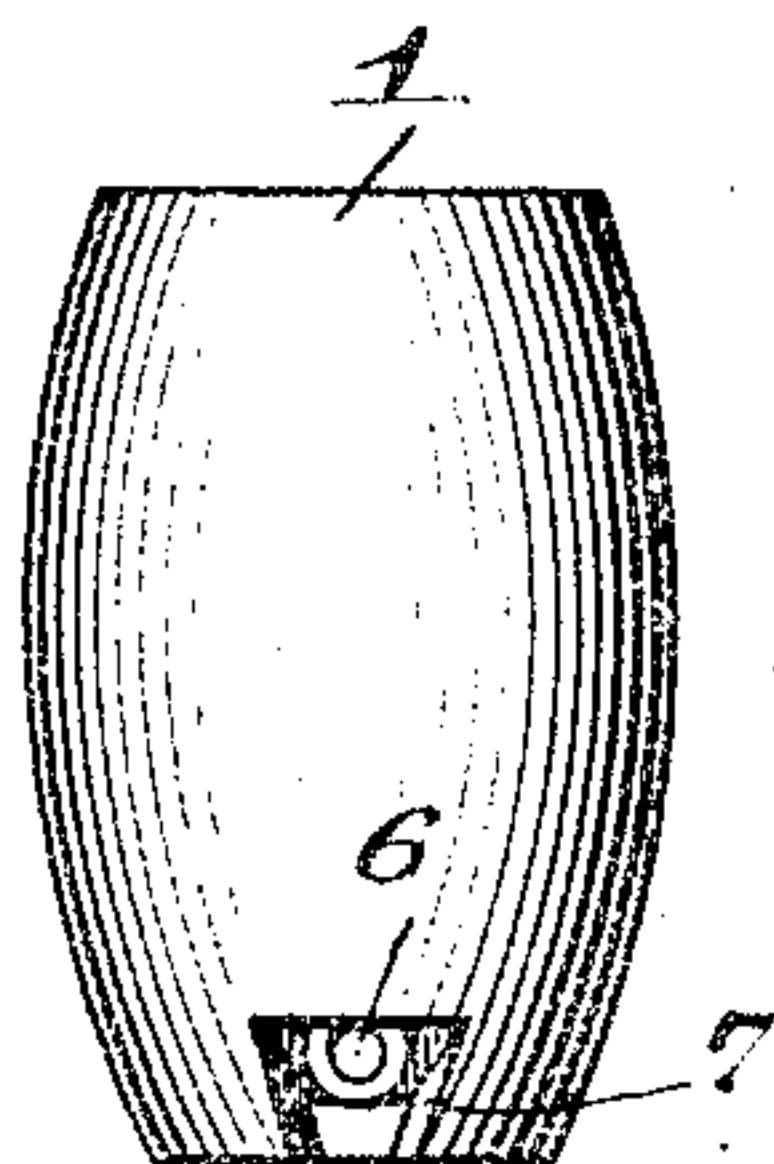
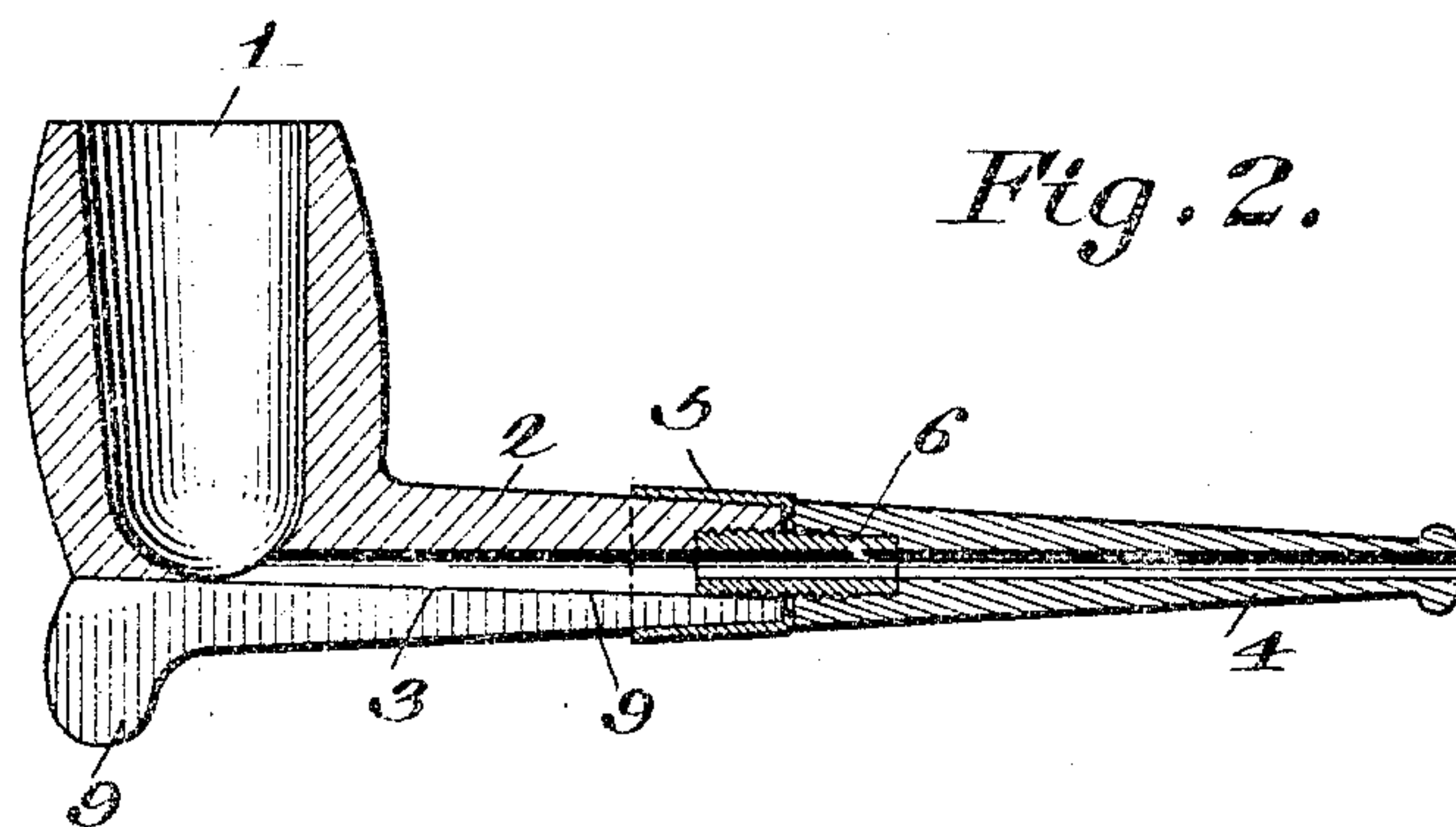
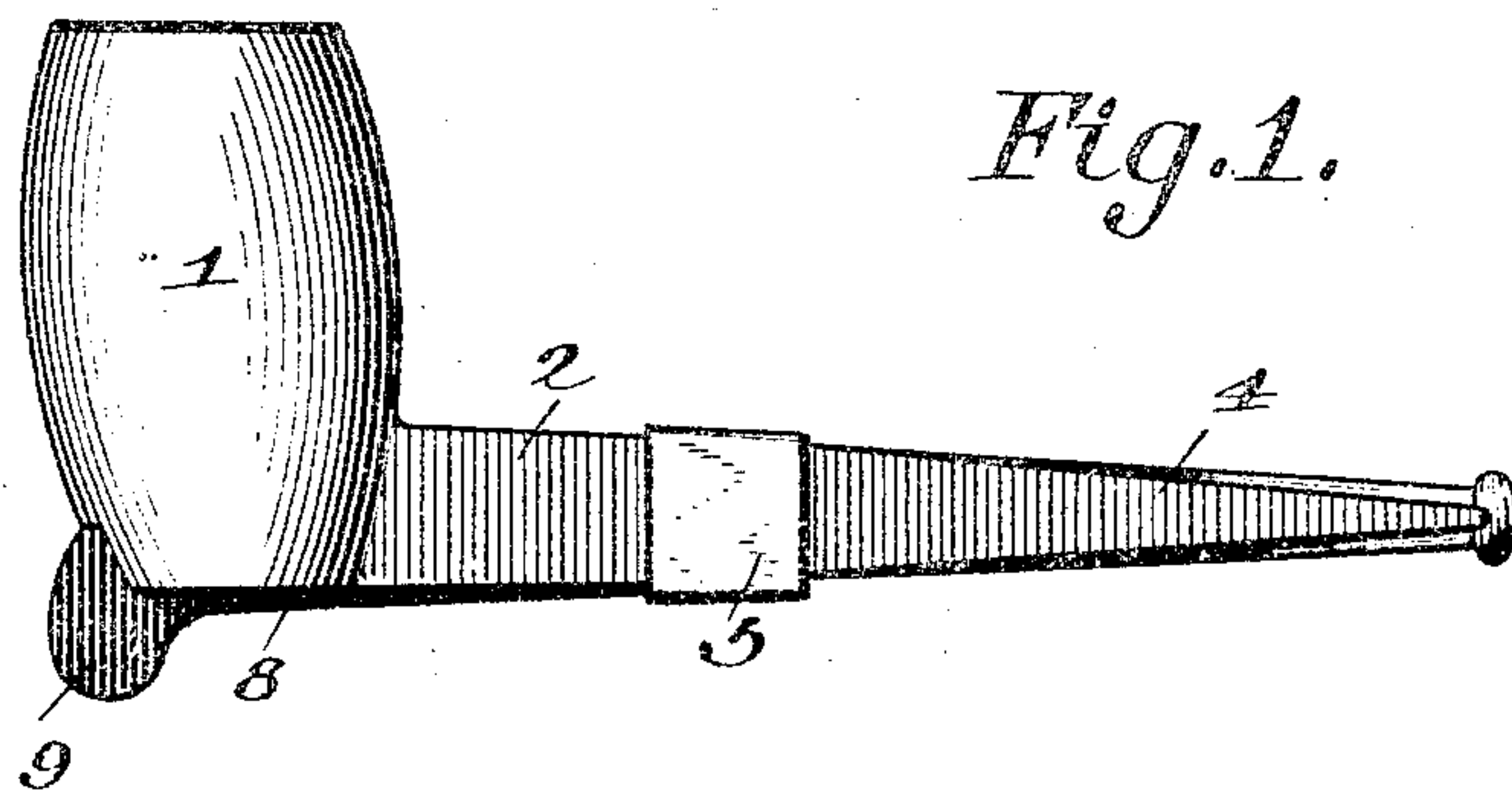
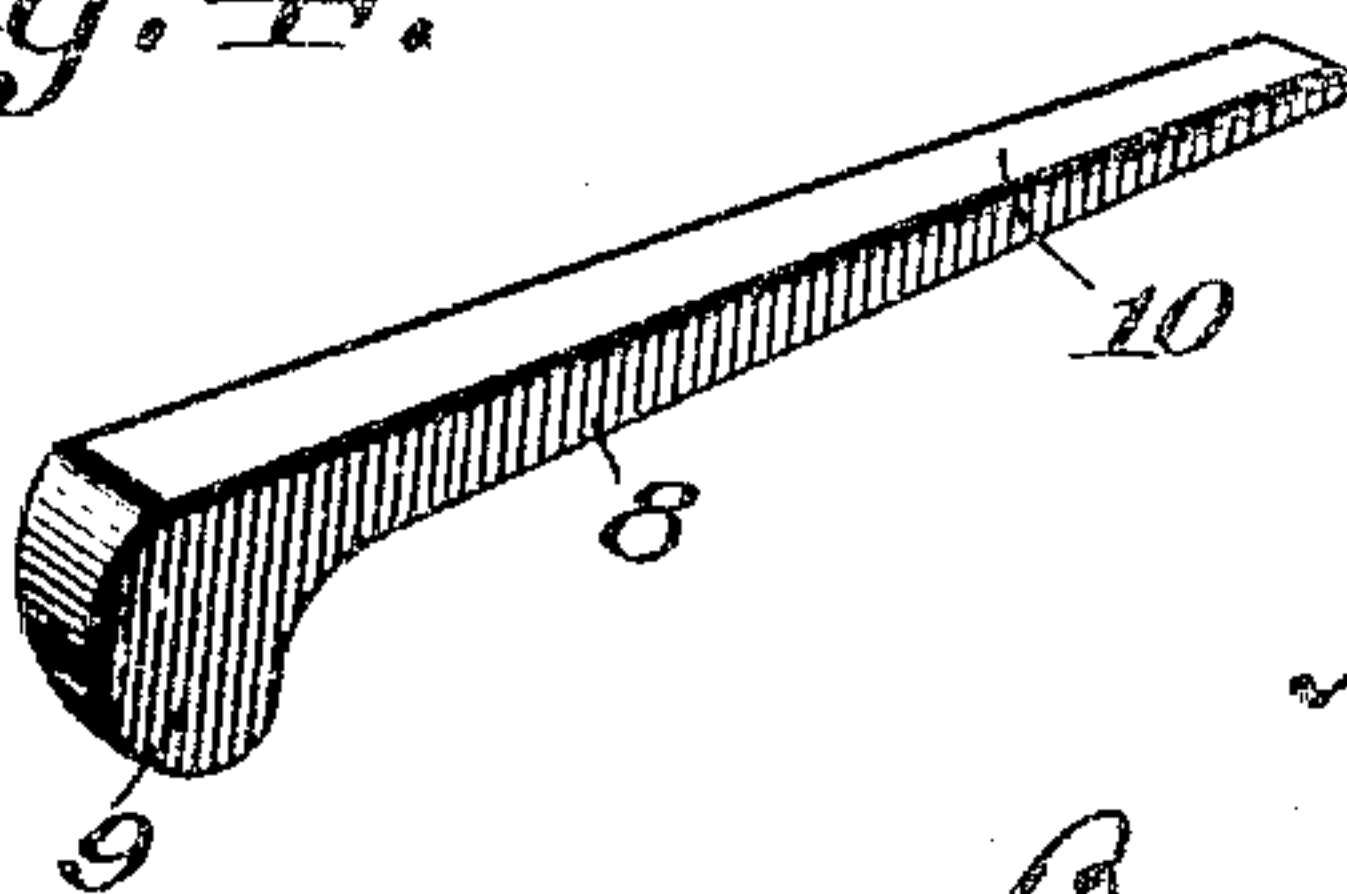


Fig. 4.



Witnesses:

T. N. Bryant.

E. S. Elliott

Inventor

Harry K. Saddler

By H. C. Everett & Co.
his Attorneys.

UNITED STATES PATENT OFFICE.

HARRY K. SADDLER, OF OAKMONT, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO CLIFFORD C. TAYLOR, OF OAKMONT, PENNSYLVANIA.

SMOKING-PIPE.

No. 879,677.

Specification of Letters Patent.

Patented Feb. 18, 1908.

Application filed February 28, 1907. Serial No. 359,843.

To all whom it may concern:

Be it known that I, HARRY K. SADDLER, a citizen of the United States of America, residing at Oakmont, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Smoking-Pipes, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to smoking pipes, and the invention has for its primary object to provide a pipe that can be easily cleansed without removing the mouth-piece thereof.

Another object of this invention is to provide a simple and inexpensive pipe having novel means for maintaining the pipe in a sanitary condition.

With the above and other objects in view, which will more readily appear as the invention, is better understood, the same consists in the novel construction, combination and arrangement of parts to be hereinafter more fully described, and then specifically pointed out in the appended claims.

Referring to the drawing forming part of this specification, like numerals of reference designate corresponding parts throughout the several views, in which:—

Figure 1 is an elevation of my improved pipe, Fig. 2 is a longitudinal sectional view of the same illustrating the slide thereof in side elevation, Fig. 3 is an end view of the bowl of the pipe, the slide being removed, Fig. 4 is a perspective view of the slide.

In the accompanying drawing, I have illustrated a pipe, consisting of a bowl 1, a stem 2 having a bore 3 communicating with the bowl 1, and a mouth-piece 4. The stem 2 is provided with a ferrule or cap 5, and said stem is connected to the mouth-piece 4 by a threaded sleeve 6. My invention resides in providing the underneath side or bottom of the stem with a tapering dove-tail groove or undercut recess 7, said groove intersecting the bore 3 of the stem 2 and the bowl 1. Detachably mounted in the groove 7 is a tapering dove tail shaped slide 8 having a knobbed end 9, whereby the slide can be easily manipulated. The slide is adapted to snugly fit within said groove and extend into the ferrule or cap 5 and prevent air from entering or escaping through the groove. The top 10 of the slide is flat and forms the bottom of the bore 3 and the bottom of the bowl 1, consequently when the slide is removed,

easy access may be had to the bore 3 and the bowl 1 for cleaning purposes. As shown, the slide 8 is formed with a flat upper surface which forms the lower wall of the smoke bore within the stem. And such slide, when moved into position, has its inner end located between the threaded sleeve and the cap or ferrule but free from engagement therewith. The slide is therefore, removable or insertible without requiring manipulation of the mouth-piece, its removal exposing the threads of the latter within the stem permitting access thereto in case the mouth-piece should be found to stick in attempting to remove it; in addition this structure permits of the use of any preferred form of mouth-piece or any desired material, and the fact that the top of the slide is flat and free from grooves makes a surface which can be easily cleaned.

The knobbed end 9 of the slide can serve functionally as a handle while the pipe is being used, and with the exception of the knobbed end of the slide, the pipe resembles an ordinary smoking pipe.

What I claim and desire to secure by Letters Patent, is:—

1. A pipe having a bowl and stem, said stem having a longitudinal smoke-bore, a permanently-positioned cap for said stem, a mouth piece removably secured to said stem, and a slide mounted in said stem, the inner end of the slide lying within said cap and between it and the threaded connection of the mouth piece, whereby the latter will be exposed upon a removal of the slide, said slide having a flat upper surface and having a longitudinal movement within the stem irrespective of the position of the mouth-piece and cap.

2. The combination with a pipe and its stem having an undercut recess along its bottom, a permanently-positioned cap on said stem, said recess extending into the cap, of a slide having a flat upper surface and formed to fit within and move longitudinally of said recess, said slide forming the bottom wall of the smoke bore through the stem, the inner end of the slide extending within the cap and between it and the threaded connection of the mouth piece, whereby the latter will be exposed upon a removal of the slide.

3. The combination with a pipe and its stem having an undercut recess along its bottom, a permanently-positioned cap on said stem, said recess extending into the cap, of a

slide having a flat upper surface and formed to fit within and move longitudinally of said recess, said slide forming the bottom wall of the smoke bore through the stem, said recess
5 greatly decreasing in size toward the free end of the stem, the inner end of the slide extending within the cap and between it and the threaded connection of the mouth piece, whereby the latter will be exposed upon a
10 removal of the slide.

4. The combination with a pipe and its stem having an undercut recess along its bottom, a permanently-positioned cap on said stem, said recess extending into the cap, of a
15 slide having a flat upper surface and formed to fit within and move longitudinally of said recess, said slide forming the bottom wall of the smoke bore through the stem, said recess greatly decreasing in size toward the free end
20 of the stem and said slide decreasing in size toward its inner end, the inner end of the

slide extending within the cap and between it and the threaded connection of the mouth piece, whereby the latter will be exposed upon a removal of the slide.

5. A pipe having a stem, cap and mouth piece, an insertible slide movable longitudinally of the stem and extending within the cap and between it and the threaded connection of the mouth piece, whereby the latter
30 will be exposed upon a removal of the slide, said slide being removable irrespective of the position of the mouth piece.

6. A pipe having the smoke bore of its stem formed with a removable flat bottom
35 wall.

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

HARRY K. SADDLER.

Witnesses:

SAMUEL M. MEALS,
HENRY C. JONES.