

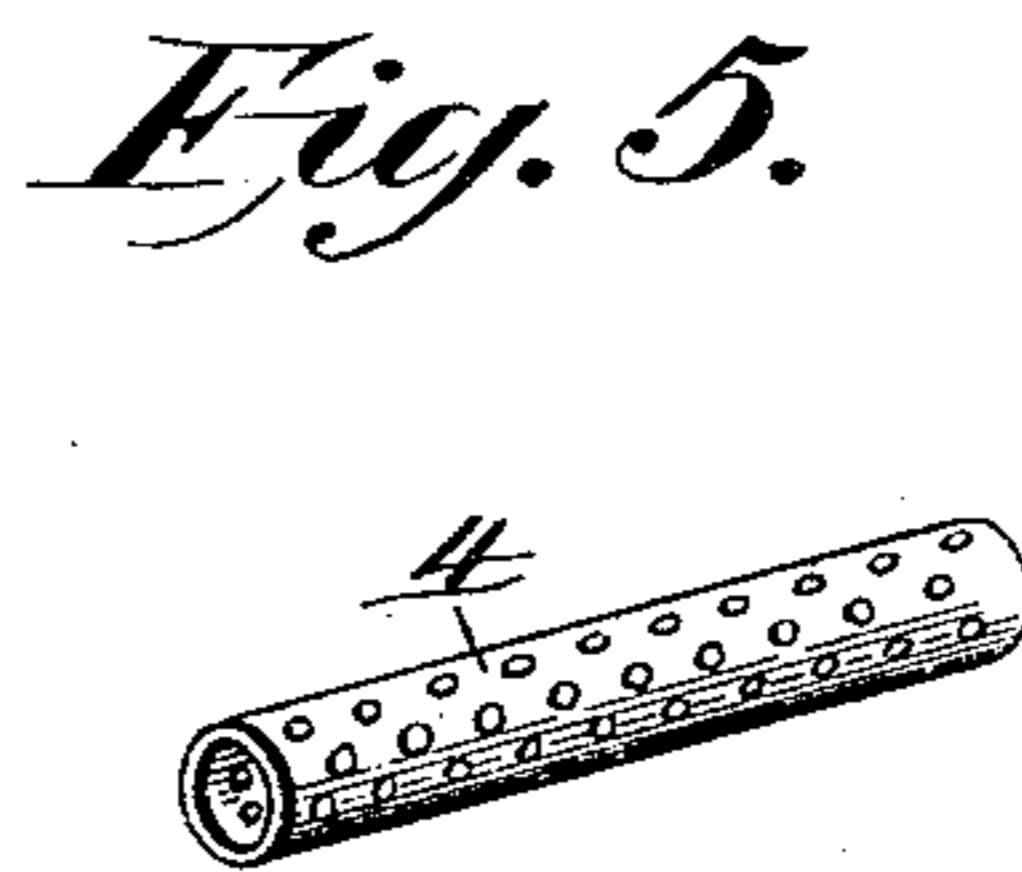
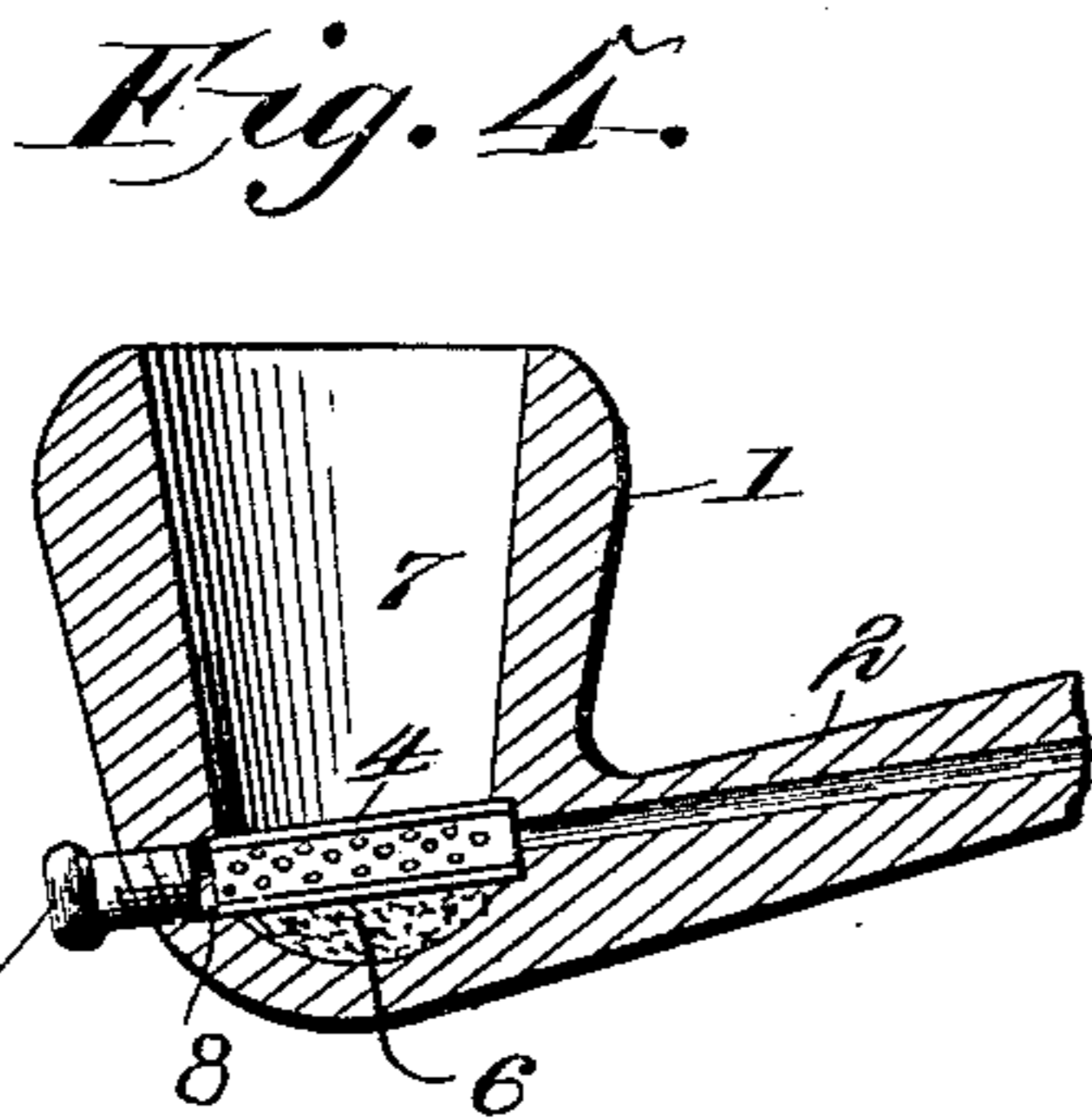
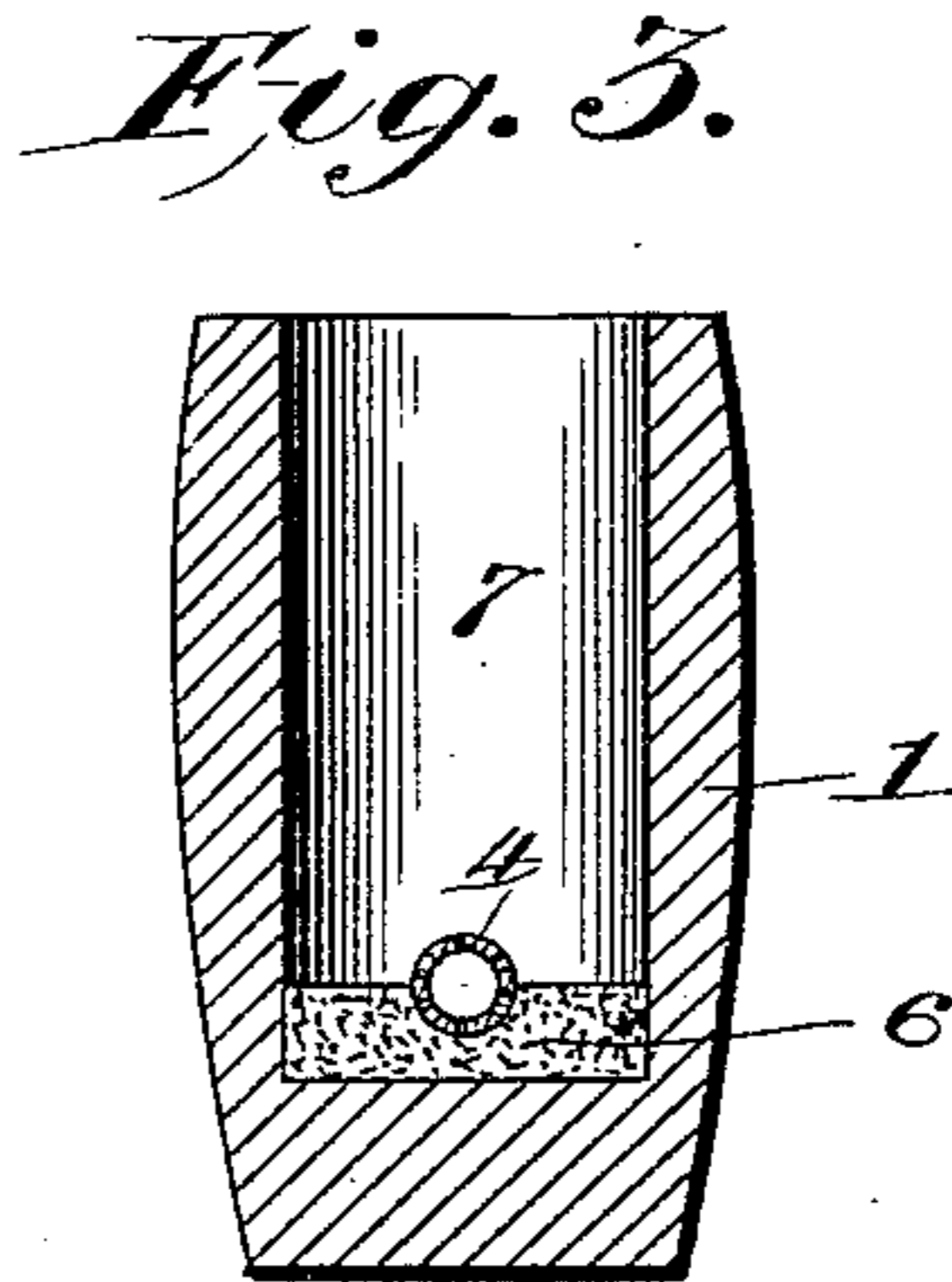
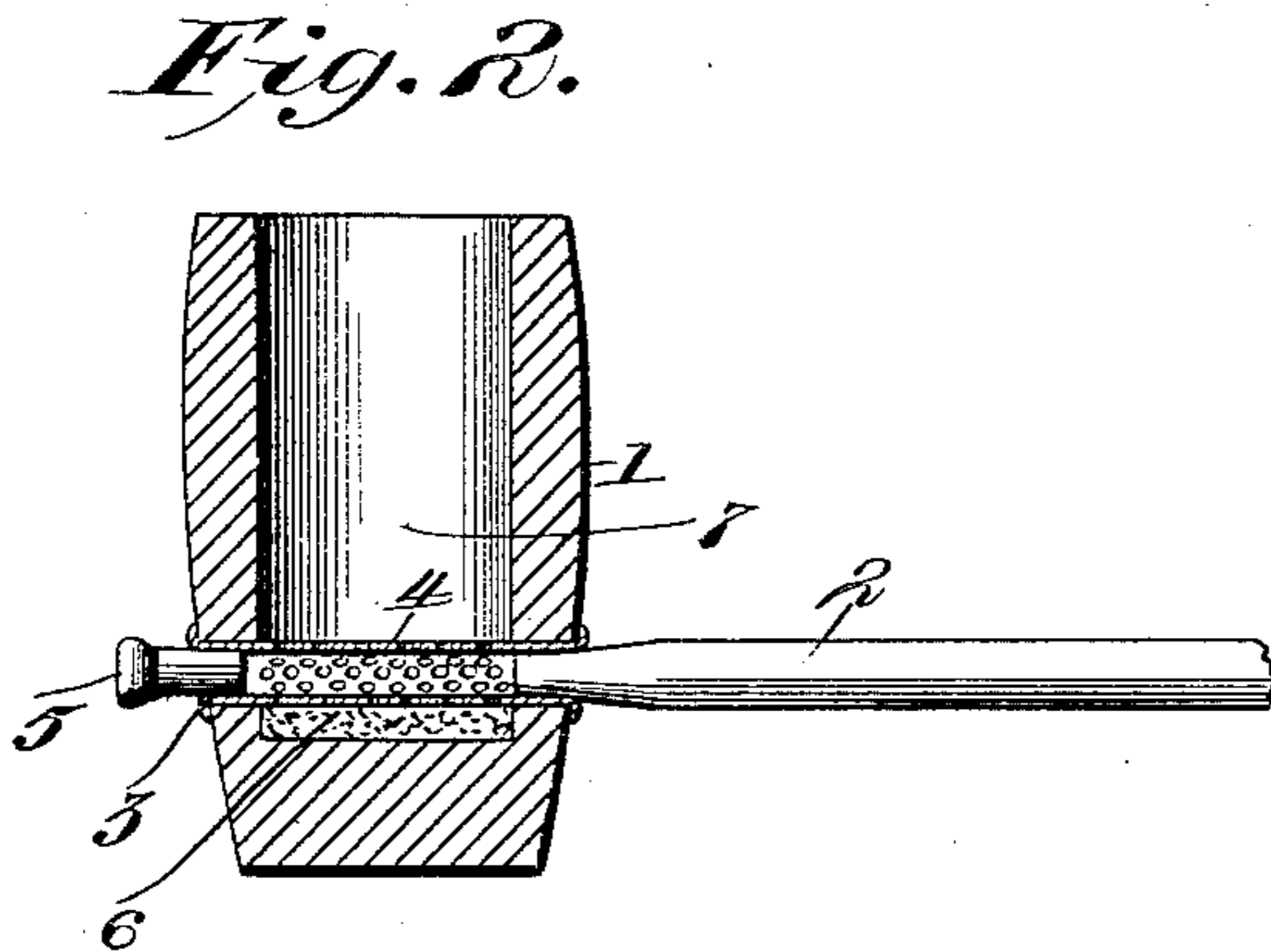
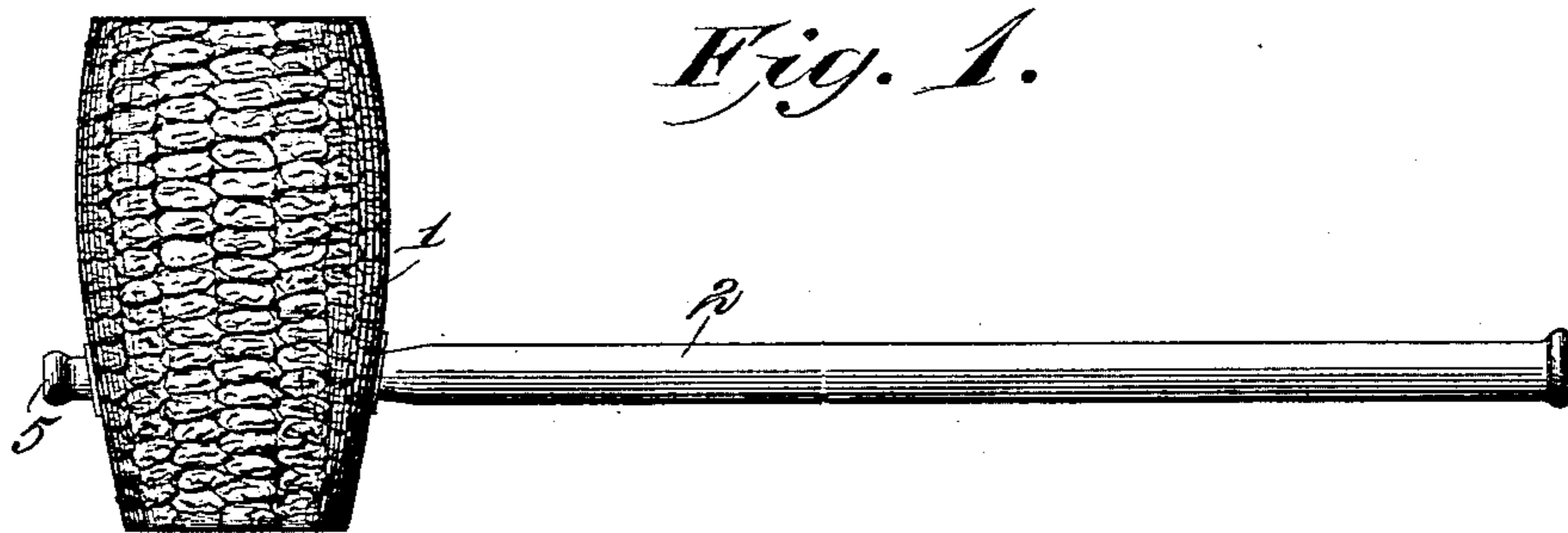
No. 638,771.

Patented Dec. 12, 1899.

A. S. SPEIRS.
TOBACCO PIPE.

(Application filed Aug. 26, 1899.)

(No Model.)



Witnesses

James H. Walker,

Chas. S. Hoyer

By His Attorneys,

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UNITED STATES PATENT OFFICE.

ALBERT STUART SPEIRS, OF CHICAGO, ILLINOIS, ASSIGNOR, BY MESNE ASSIGNMENTS, TO THE DEGEN-BRECKENKAMP MANUFACTURING COMPANY, OF WASHINGTON, MISSOURI.

TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 638,771, dated December 12, 1899.

Application filed August 26, 1899. Serial No. 728,580. (No model.)

To all whom it may concern:

Be it known that I, ALBERT STUART SPEIRS, residing at Chicago, county of Cook, and State of Illinois, have invented a new and useful Tobacco-Pipe, of which the following is a specification.

This invention relates to tobacco-pipes, and has for its object to provide efficient means to prevent the stem, as well as the bowl, from becoming foul and obstructed with nicotine and to facilitate cleansing and relieving the same of ashes and other accumulations, particularly of a moist nature, by forming a drain in the base of the bowl and with which the stem has communication to avoid suction thereinto of deleterious material.

Other objects and advantages will appear in the subsequent description, and the novelty will be hereinafter claimed, the preferred embodiments of the invention being illustrated in the accompanying drawings, wherein—

Figure 1 is a perspective view of what is known as a "corn-cob" pipe embodying the invention. Fig. 2 is a longitudinal vertical section. Fig. 3 is a transverse vertical section. Fig. 4 is a longitudinal vertical section of a brier-wood pipe having the improvements therein and showing a slightly-different form of plug. Fig. 5 is a detail perspective view of the drain-tube.

Similar numerals of reference are employed to indicate corresponding parts in the several views.

The numeral 1 designates the bowl, which may be of any character and supplied with the usual stem 2. In addition to the aperture for the stem, as shown by Fig. 2, another aperture 3 is formed diametrically opposite, and in both apertures a perforated tube 4 is fitted and removably inserted, and in opposite ends the said stem and a friction-plug 5 are removably inserted to provide means for opening both ends of the tube for cleaning purposes. The tube 4 is held stationary in the bowl by exteriorly crimping the outer terminals and rests in a bed 6 of plastic material in the base of the chamber 7 of the bowl, which extends about half-way upwardly over

the tube to effect a thorough drainage by avoiding any under crevices or the formation of lodging-space below the tube. This auxiliary provision adapts the tube to be easily applied without requiring a complex and expensive construction of pipe. This is exceptionally advantageous, as the convenience of a pipe so improved results without materially adding to the expense.

In the construction shown by Fig. 4 the inner end of the tube 4 is let into a recess 8 and the plug 9 is screw-threaded, and in this instance the tube, as well as the plug, may be made of finer material. It is preferred to make the tube of metal, and in every instance the quality of the material of which the tube and plug are formed will depend upon the quality of the pipe as an entirety.

The tube is of the same diameter from end to end, and the easy method of opening both ends affords means for thoroughly cleaning it by blowing therethrough. Furthermore, the perforations of the tube are numerous and close together, and clogging is thereby prevented. The draft of the pipe is unobstructed, and the tobacco cannot be sucked into the stem, and the annoyance arising from this source is entirely avoided.

Many other advantages will become apparent in the use of the improved pipe, and changes in the form, proportions, and minor details can be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus described the invention, what is claimed is—

1. In a tobacco-pipe, the combination of a bowl having plastic material in the base of the chamber thereof, a perforated tube partially embedded in said material, a plug removably fitted in one end of the tube, and a stem communicating with the opposite end of the tube.

2. A pipe comprising a bowl having a stem, and a perforated tube extending across the lower part of the chamber of the bowl and partially embedded in plastic material to form an upper exposed drain.

3. A pipe comprising a bowl having a stem,

a perforated tube extending transversely through the base of the bowl of equal diameter throughout and both open ends exteriorly exposed, a bed of plastic material in which
5 said stem is held, and a plug removably fitted in one end of the tube.

4. A pipe comprising a bowl having a stem, and a perforated tube extending across the lower portion of the chamber of the bowl and

partially embedded to provide an upper exposed drain.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in the presence of two witnesses.

ALBERT STUART SPEIRS.

Witnesses:

EUGENE R. LYONS,
ELLA J. BERTELSEN.