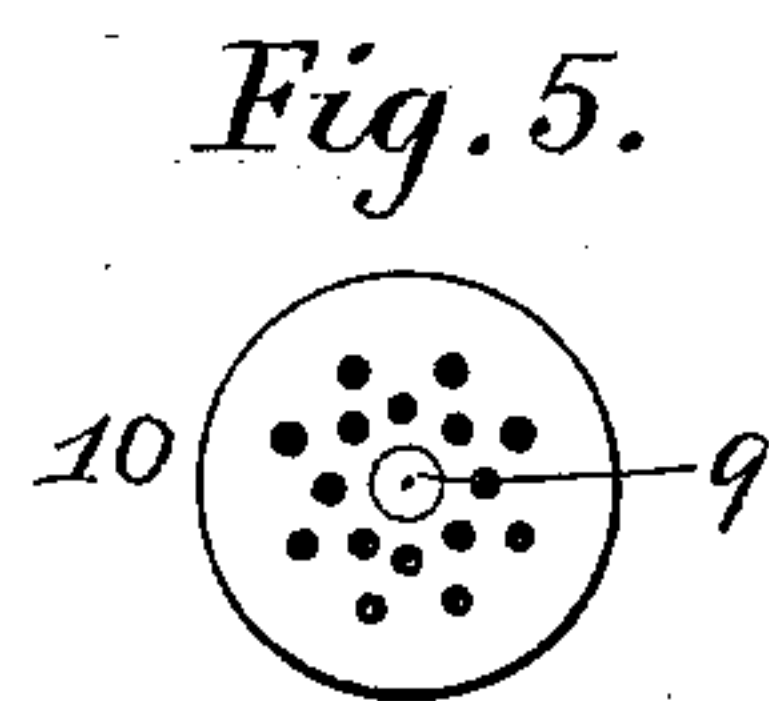
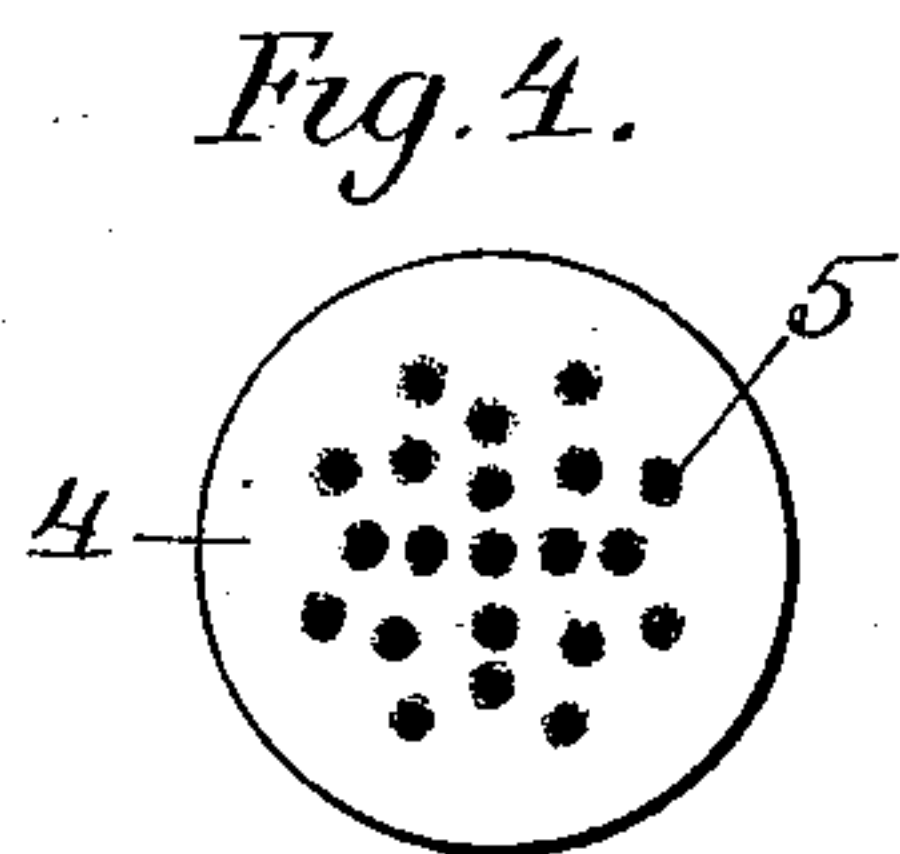
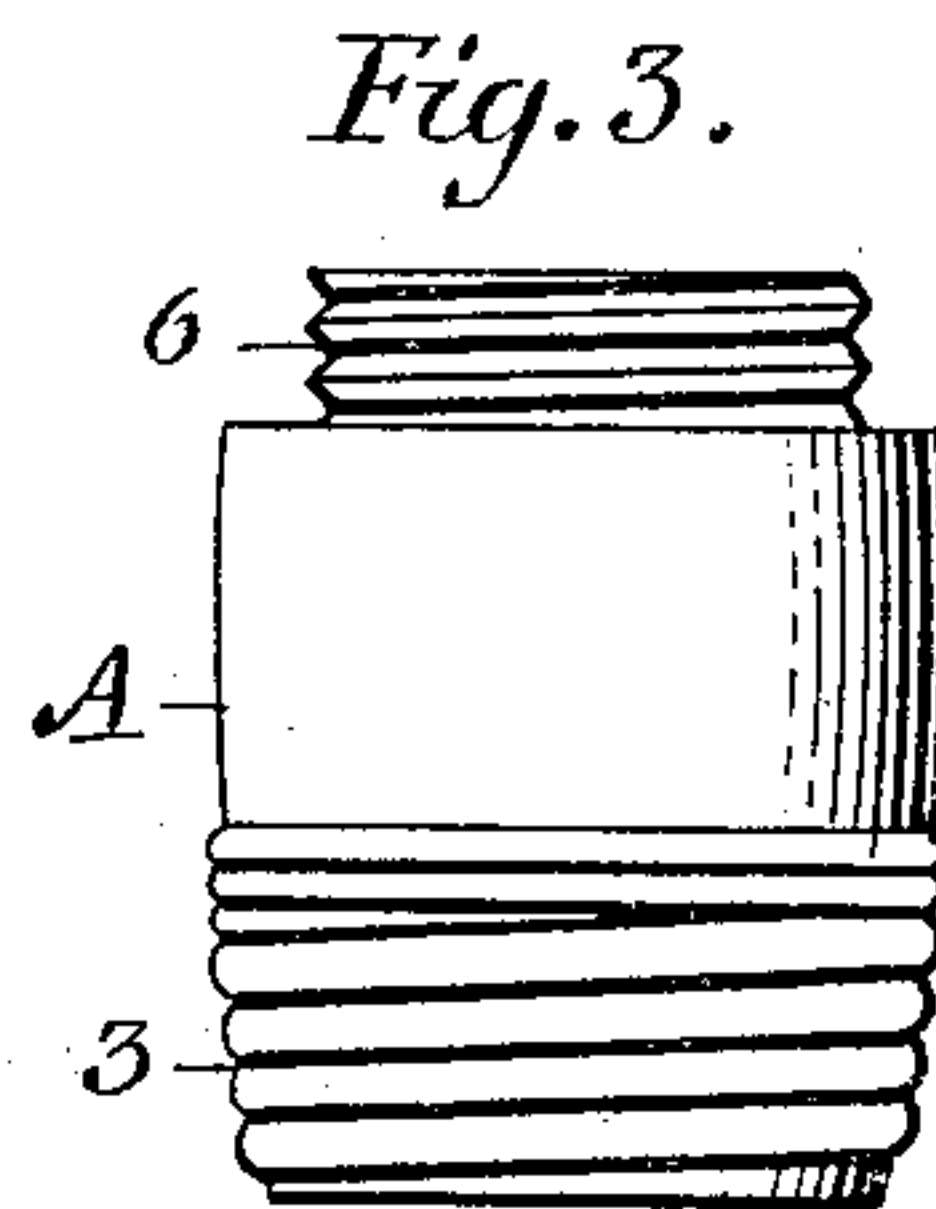
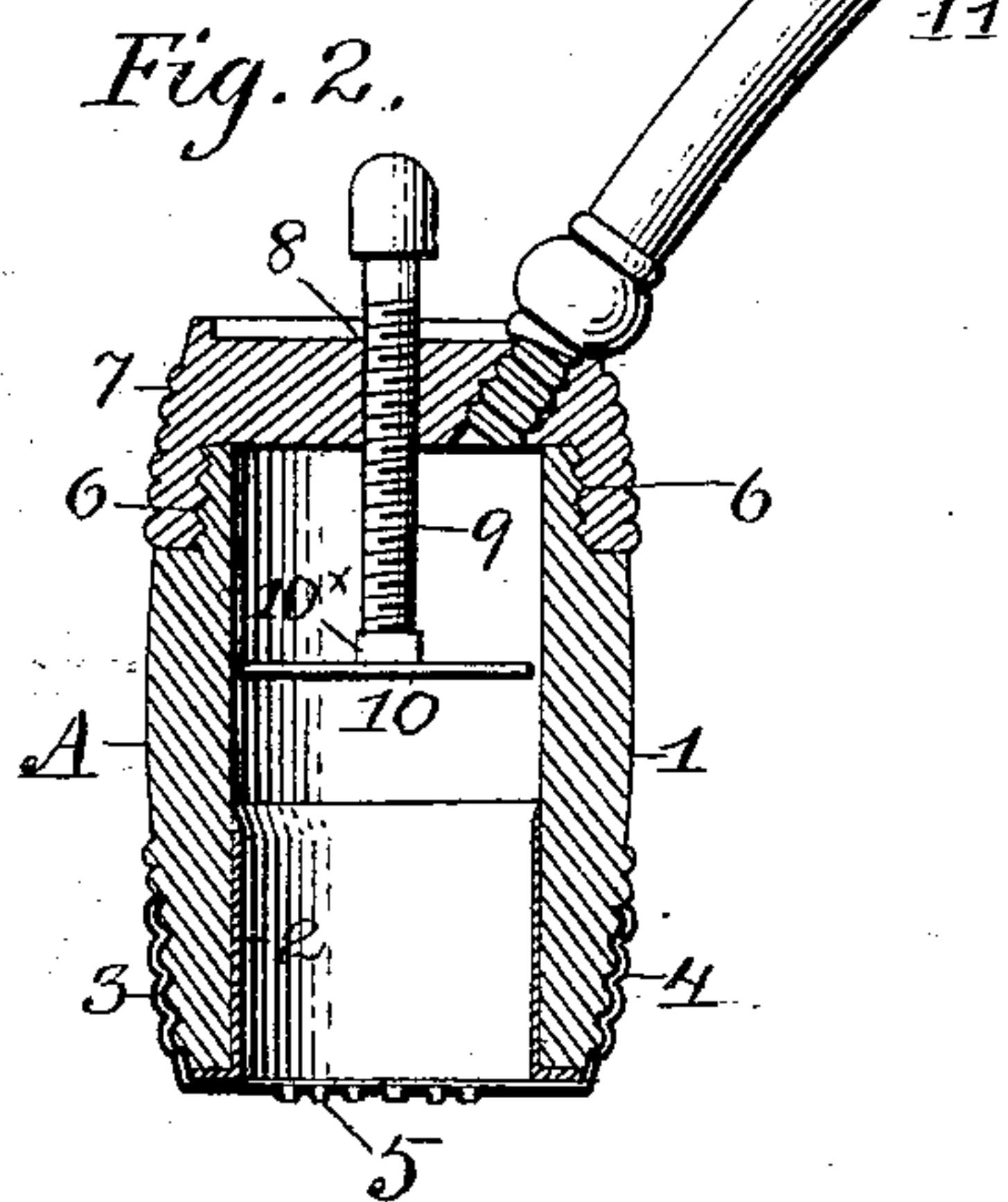
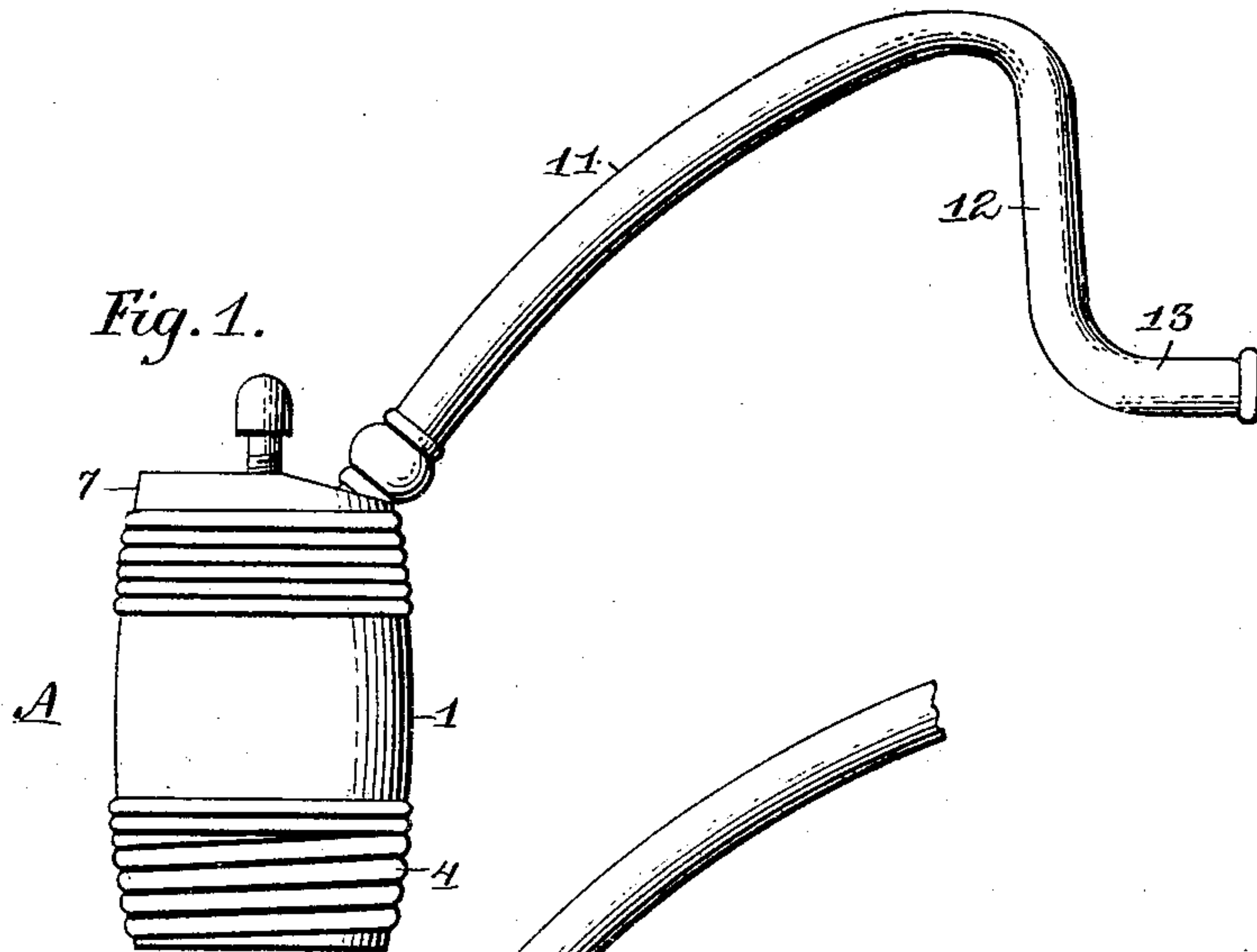


(No Model.)

A. G. STOCKTON.
TOBACCO PIPE.

No. 496,070.

Patented Apr. 25, 1893.



Witnesses
Albert B. Blackwood
H. W. C. C. C.

Inventor
Albert G. Stockton
by J. M. Yznaga,
Attorney

UNITED STATES PATENT OFFICE.

ALBERT G. STOCKTON, OF WASHINGTON, DISTRICT OF COLUMBIA.

TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 496,070, dated April 25, 1893.

Application filed July 2, 1892. Serial No. 438,792. (No model.)

To all whom it may concern:

Be it known that I, ALBERT G. STOCKTON, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Tobacco-Pipes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in tobacco-pipes, and the object is to provide a pipe which will give a clean smoke to the smoker, and prevent the nicotine from lodging in the bowl of the pipe or in the stem thereof, and from the particular construction of the stem the moisture and saliva are prevented from running into bore.

I accomplish the objects of my invention by the constructions illustrated in the accompanying drawings, wherein—

Figure 1 is a perspective of the pipe. Fig. 2 is a central vertical section of the pipe with the parts united, showing the adjustable screw-plate through the cap. Fig. 3 is a detail of the bowl. Fig. 4 is a bottom plan view of the bottom cap of the bowl, and Fig. 5 is a plan view of the upper perforated plate.

A designates the bowl of the pipe consisting of any proper material, of any desired exterior shape and ornamentation. I have shown it as made up of a wooden shell 1, lined with a plastic material 2. On the lower end of the bowl may be formed screw-threads 3, but it is apparent this portion may be smooth, and the cap fitted thereto. On the bottom of the bowl is fitted the cap 4, threaded in the illustration to fit the threads 3 on the lower end of the bowl; or the cap may be smooth and fitted to the bowl. The face of the cap 4 is perforated as shown at 5, to admit the air being drawn up through the pipe to supply combustion, and the edges of the perforations are raised outward to afford a frictional surface for striking matches to light the pipe. The upper end of the pipe-bowl is preferably screw-threaded at 6, to take and hold the upper cap 7. This cap 7 is of any desired conformation

to fit the top of the bowl and connect therewith to hold the parts together. In the center of the cap 7 is an aperture 8, having interior screw-threads in which is a screw 9, carrying on its lower end a perforated plate 10, detachably connected to the end of the screw 9 by a threaded sleeve 10^x, as shown in the drawings.

To the cap 7 is connected the stem 11 which is directed upward from its connection to the cap, and then bent downward as at 12, and then outward horizontally as at 13, to form the mouth-piece. It will be perceived that the construction of the stem with the vertically directed part 12, prevents the introduction or absorption of saliva from entering farther therein than the length of the part 13, thus keeping the stem comparatively clear from these encroachments, and by this preventing the stem from becoming clogged by accumulations otherwise deposited therein, or attaching thereto.

The pipe may be filled from either end: from the bottom by removing the lower cap and then replacing the cap and lighting the tobacco through the perforations of the cap; or the upper cap may be disconnected from the bowl and then filled from that end, and then the parts united and the pipe lighted at the lower end through the cap as in the first instance.

By means of the adjustable perforated plate 10 the tobacco can be pushed down as it consumed from the lower and lighted end, and thus the filling always kept in good position. The plate 10 is adjusted during the progress of consumption of the tobacco to prevent agitation of the ashes, maintain a clear draft, and cause the tobacco to burn evenly and regularly. The quantity of tobacco desired in the pipe may be regulated by moving the plate in the direction to effect the purpose, that is: if a "short-smoke" is wanted the plate is moved down in the bowl, and if a "long smoke" is desired, then the plate is moved up and by these movements the amount of tobacco taken in the pipe is regulated.

As the tobacco is burned from the lower end or bottom of the bowl upward and the upper and adjustable perforated plate is always free from the upper end of the cap, the nicotine

never accumulates in the pipe at the upper end thereof, but having a tendency to fall by gravity to the lower end of the pipe, it is entirely consumed by the combustion of the tobacco.

5 The pipe is very conveniently cleaned. The upper cap can be taken off the pipe-bowl, the perforated plate detached from the screw, and the screw taken out, and the parts cleaned; 10 the lower cap can be taken off and cleaned; and the bowl being open-ended can be washed, wiped or otherwise cleaned, and the pipe thus kept fresh and sweet for a long time.

Having thus described my invention, what 15 I claim, and desire to secure by Letters Patent, is—

1. In a tobacco-pipe the combination, of an open-end bowl, a perforated cap on the lower end of the bowl, a cap detachably secured to 20 the upper end of the bowl provided with a stem, and formed with a central aperture having internal threads, an adjusting-screw pro-

jected through the aperture, and a perforated plate on the lower end of the screw within the pipe-bowl.

25 2. The tobacco-pipe comprising the open-ended bowl formed with exterior screw-threads at each end, a perforated screw-cap on the lower end, a screw-cap on the upper end of the pipe-bowl, an adjusting-screw projected 30 through the cap on the upper end of the pipe, a detachable perforated plate on the lower end of the screw, and a stem in the upper cap consisting of an upwardly rising portion, a downward directed portion and a horizontally 35 arranged mouth-piece portion extending from the lower end of the downward directed portion.

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

ALBERT G. STOCKTON.

Witnesses:

H. M. STERLING,
J. E. HASLUP.