

No. 801.146.

PATENTED OCT. 3, 1905.

I. W. KELLY.  
TOBACCO PIPE.  
APPLICATION FILED DEC. 28, 1904.

Fig. 1.

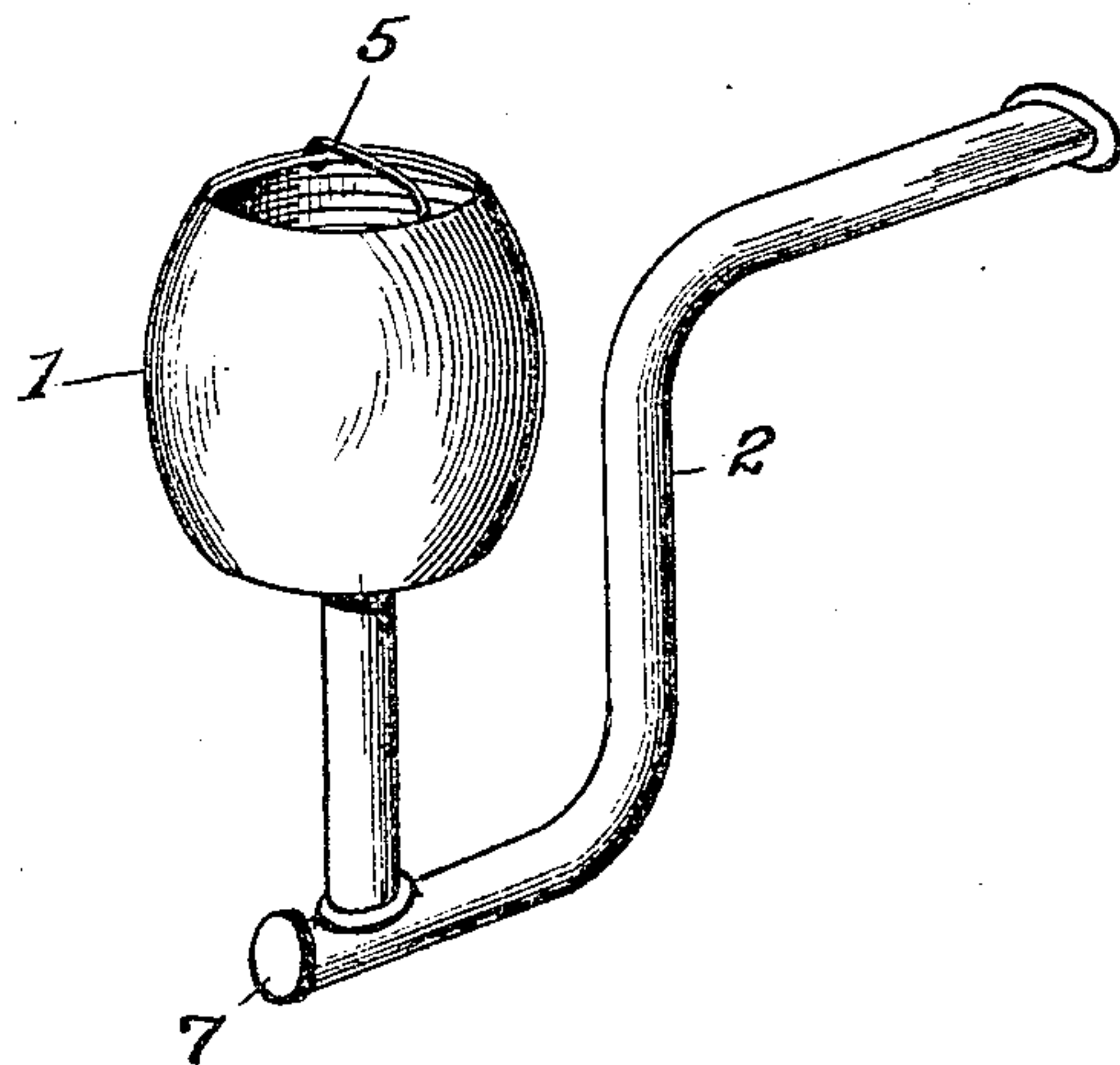


Fig. 2.

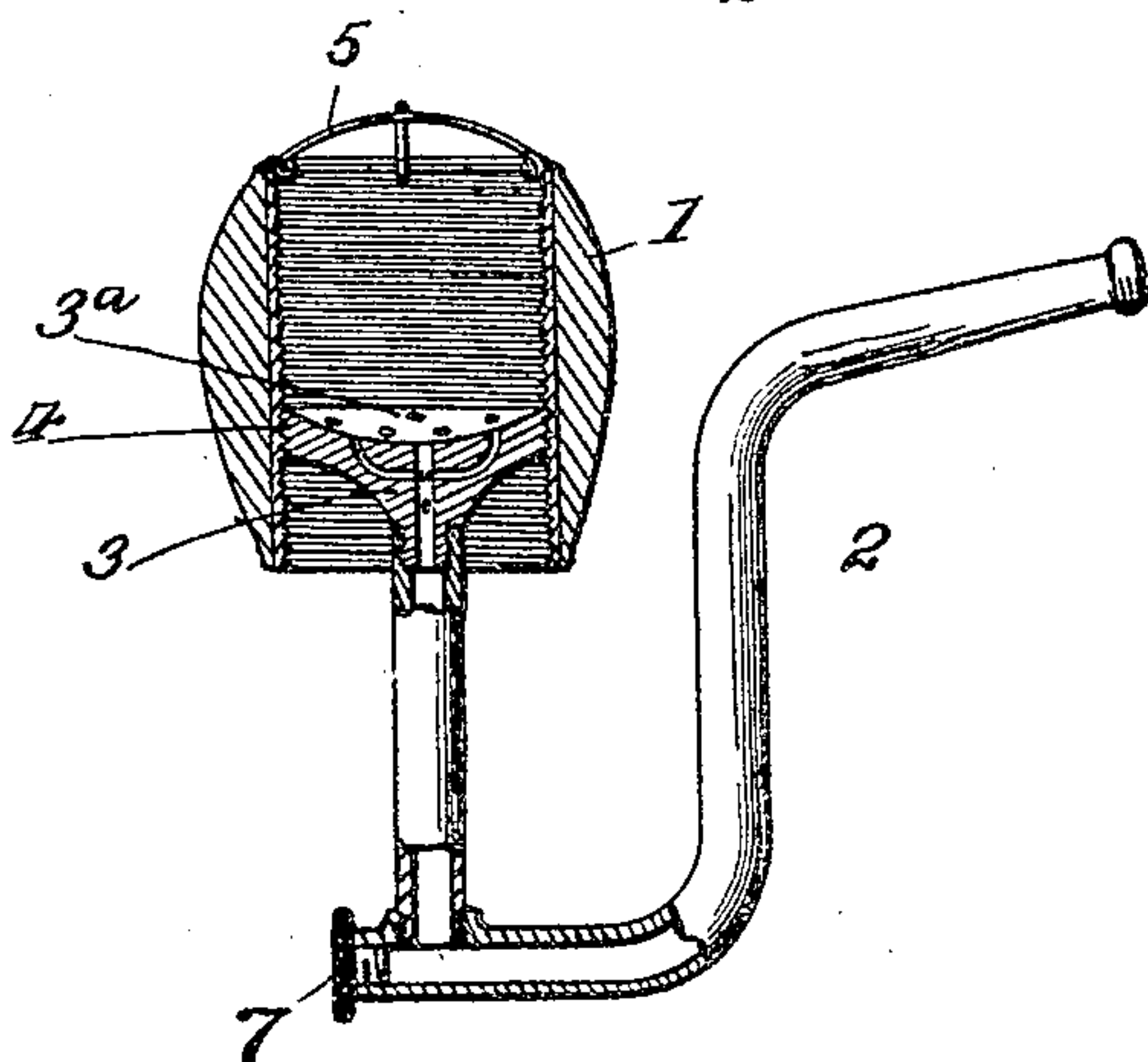
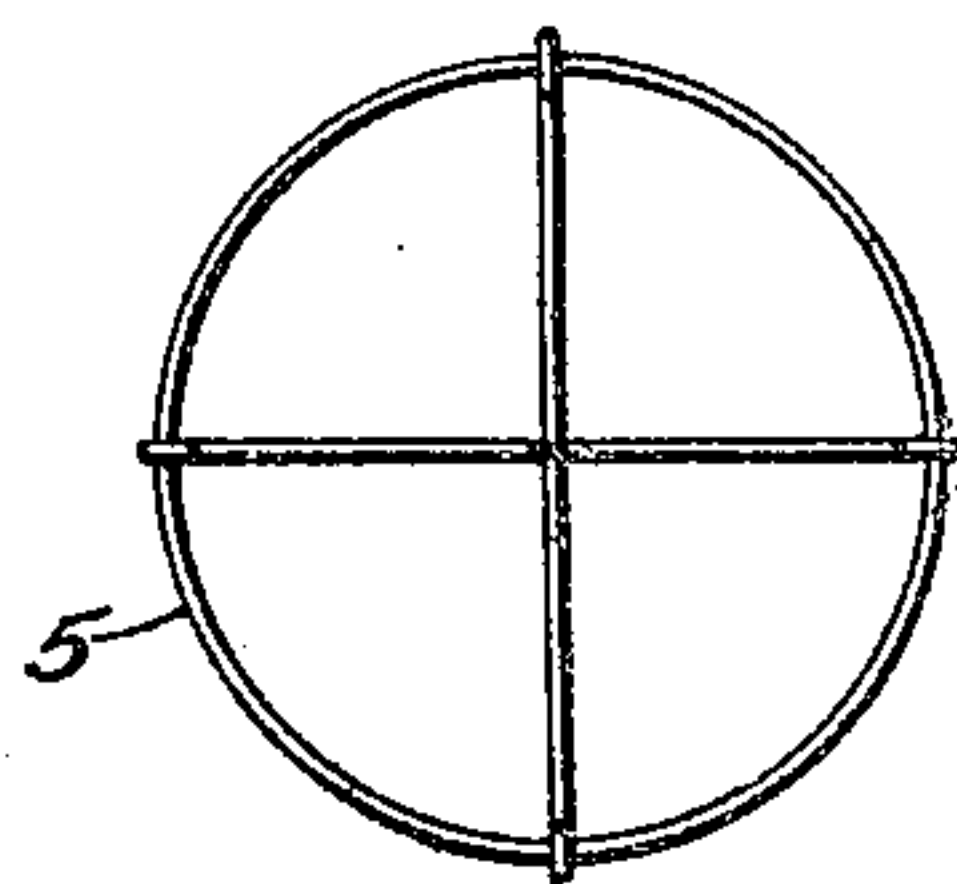


Fig. 3.



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# UNITED STATES PATENT OFFICE

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## TOBACCO-PIPE.

No. 801,146.

Specification of Letters Patent.

Patented Oct. 3, 1905.

Application filed December 28, 1904. Serial No. 238,584.

*To all whom it may concern:*

Be it known that I, ISRAEL W. KELLY, a citizen of the United States, residing at Pawtucket, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Tobacco-Pipes, of which the following is a specification.

This invention appertains to a novel construction of pipe for smokers and embodying the usual bowl-and-stem type of this kind of article.

The essential object of the invention is to provide a means whereby the tobacco, which is being consumed in the bowl, may be kept adjacent the upper or open end thereof, so as to insure perfect combustion and a clean cool smoke.

By keeping the burning tobacco at or perhaps slightly above the open portion of the pipe-bowl the air is permitted to pass thoroughly through the burning tobacco, the bowl is not greatly heated, and the smoke drawn through the pipe-stem is cool and sweet.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings.

While the invention may be adapted to different forms and conditions by changes in the structure and minor details without departing from the spirit or essential features thereof, still the preferred embodiment thereof is shown in the accompanying drawings, in which—

Figure 1 is a perspective view of a pipe embodying the essential features of the invention. Fig. 2 is a vertical longitudinal sectional view. Fig. 3 is a top plan view of the cap or guard member.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

In the special construction of the invention, as shown in the drawings, the numeral 1 designates the bowl of a pipe and the numeral 2 the stem. The stem 2 is of the usual peculiar form, being of somewhat crook shape preferably. The tobacco in the bowl 1 is supported by a base or bottom 3 of tubular construction in order that it may be adjusted to feed the tobacco toward the open end of the bowl 1 as the same is consumed in the smoking of

the pipe. The position of the base or bottom 3 of the bowl 1 is adjusted by relative movement of the bowl with relation to the stem 2, projecting therefrom. In other words, the stem 2 is attached to the bowl 3 in such a manner that by manipulating the bowl with relation thereto the bottom or base 3 may be readily forced upwardly in the bowl 1 to raise the tobacco and dispose that portion of the material which is being burned or consumed at the upper or open extremity of the bowl 1 and so exposed as to facilitate combustion and permit the smoke, which passes through the stem 2, to be cooled before it reaches the mouth of the smoker. The base or bottom 3 of the bowl 1 is preferably of hollow formation, and the upper side of the base consists of a plate 3<sup>a</sup>, having a plurality of small perforations through which the smoke is drawn from the bowl into the stem 2. The stem 2 is affixed to the member 3 in any substantial manner, and adjustment of the bottom or base 3 is admitted of by the provision of threads upon the peripheral portion of the base and internally threading the bore of the bowl 1, as shown most clearly in Fig. 2 of the drawings. The threaded connection of the bowl 1 and the base 3 is shown at 4. The bore or opening in the bowl 1 preferably extends entirely there-through, is open at opposite ends from its lower to its upper extremity, and by rotating the bowl, the stem being at the same time held stationary, it will be seen that the base 3 may be screwed upwardly in the bore of the bowl to elevate the tobacco therein as the same is gradually consumed in the smoking operation. The construction of the bowl 1 and the base is advantageous in that as the smoker holds the mouthpiece of the stem 2 in his mouth the bowl 1 may be readily grasped by the hand and slightly rotated to thereby elevate the bottom 3 in the manner above described. At the upper open extremity of the bowl 1 is located a guard or cap member 5, preferably made of a plurality of cross-wires, and this member 5 is detachably secured to the bowl 1 in any suitable manner. The cap member 5 is designed to hold the consuming material at the upper portion of the bowl and keep the tobacco therein compact. The crook or curved portion of the stem 2 is provided with a screw-plug 7, leading to the hollow or tubular portion thereof, and by removing this plug any accumulations in the stem may be readily extracted or removed.



The pipe, as hereinbefore set forth, is very simply constructed and the parts are so arranged as to admit of convenient manipulation thereof by the smoker using the article. The  
5 removability of the base or bottom member 3 admits of ready cleaning of the bore or receptacle portion of the bowl 1, and the part 3 is of course adapted to be readily adjusted to a lowermost position relative to the bowl 1 in  
10 refilling the bowl preparatory to smoking. A common defect in the pipes at present in use is due to the fact that the bowl of the pipe is ordinarily made very hot by the tobacco as it is consumed, and the smoke is thereby heat-  
15 ed and caused to have a bad flavor often distasteful to the smoker. The above defect is of course obviated in the use of a pipe constructed in accordance with this invention and the smoke is purified and sweet, so as to be  
20 conducive to the comfort of the smoker in a manner which is apparent. The opening or bore of the bowl 1 is preferably provided with a metal lining of cylindrical form somewhat, suitably attached to the bowl and carrying the internal threads, by which the bot-  
25 tom is adjustably mounted thereon. The lining prevents burning of the bowl if the

same be made of combustible material and is otherwise advantageous.

As above mentioned, the bore of the bowl 30 1 is open at opposite ends. The above is advantageous in that the bowl may be quickly removed from the stem and bottom member so as to facilitate cleaning thereof. The threads of the bowl and bottom member 3 are 35 therefore not likely to become clogged, so as to prevent proper operation of the parts.

Having thus described the invention, what is claimed as new is—

A pipe comprising a bowl having a bore or 40 opening extended therethrough and open at its opposite ends, an internally-threaded metallic lining for the bore of the bowl, a perforated base or bottom adapted to be screwed into the bore of the bowl and having threads 45 to match the threads of the lining thereof, and a tubular stem applied to the bottom member of the bowl substantially as set forth.

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

ISRAEL W. KELLY. [L. S.]

Witnesses:

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ALBERT L. KELLY.