March 1, 1927. 1,619,090

J. A. REISER

SMOKER'S PIPE

Filed June 27, 1925

Fig. 1

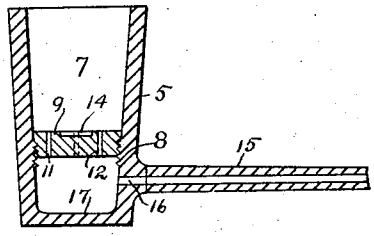


Fig. 2

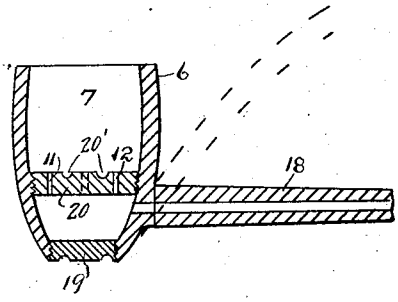


Fig. 3

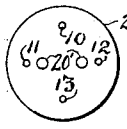


Fig. 4



INVENTOR
John A. Reiser
BY
Chittim, Pelton & Marr
ATTORNEY

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UNITED STATES PATENT OFFICE.

JOHN A. REISER, OF PORT JERVIS, NEW YORK.

SMOKER'S PIPE.

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The device the subject of this invention is an improvement in smokers' pipes and has for its special object the provision of a pipe wherein the tobacco therein will burn evenly.

Another object is to so construct the pipe that the tobacco will burn dry and will be retained away from the dampness that gathers at the bottom of the bowl of the pipe.

Another object is to prevent the formation of a so-called "heel", a gathering of damp unburned tobacco, in the bottom of a pipe bowl, which makes the pipe taste strong and which also changes the aroma and taste of the tobacco and a further object of the invention is to construct a pipe that can be readily and thoroughly cleansed and one wherein an isolated receptacle is provided for moisture.

With these objects in view, the following is what I consider the best means of carrying out my invention and the accompanying drawing should be referred to for a complete understanding of the specification which follows.

In the drawings:—

Fig. 1, is a sectional view of a pipe.

Fig. 2, shows a further improvement, this view being also in section.

Fig. 3, is a plan view of the mid-partition, as shown in Fig. 2, and

Fig. 4, is a reversed plan view of the bottom plug.

Similar reference numerals indicate like parts in all the figures where they appear.

The pipe bowl shown at 5 or 6 may be of any desirable shape and size. Its height may be somewhat greater than the ordinary pipe, so as to allow the tobacco containing portion 7 to be equal to the tobacco containing portion of the ordinary pipe, it being noted that I segregate a portion of the bowl, thus taking away from the tobacco capacity.

Within the bowl of the pipe I provide a small screw threaded portion 8 and in the screw threads 8 I secure a mid-partition or barrier 9. This partition is secured by screw threads entering the screw threads 8 and referring to Fig. 3, it will be noted that I provide a plurality of perforations 10, 11, 12 and 13 extending through the barrier member 9 and in the construction shown in Fig. 1, a slot 14 is provided for the reception of a screw driver or other implement useful in placing or removing the barrier 9.

I call particular attention to the fact that the barrier 9 is elevated over the bottom of the pipe bowl.

The stem 15 is secured to the pipe in any ordinary manner. The smoke passage 16, from the pipe bowl and through the stem is spaced upward from the inner bottom 17 of the pipe bowl, so that fine ashes or moisture gathering in the pipe bowl will fall below and be entirely free of the smoke passage 16.

It is my desire that the perforations 10—13 inclusive be small so that tobacco will not pass therethrough.

To clean this pipe it is only necessary to remove the barrier 9, whereupon the bowl is free to be thoroughly cleansed. The fear of puncturing the pipe by the use of a sharp instrument in cleaning is obviated, as, in my construction, no caked tobacco or clinker will be found in the bottom of the pipe.

In the construction shown in Fig. 2, I provide a barrier 20, similar to the barrier 9. In this construction, I have, however, provided a plurality of recesses 20′ for the reception of a "spanner", for removing or replacing the barrier 20.

The pipe shown in Fig. 2 is formed with an oval bowl and the stem 18 may be straight or bent, as desired. The plug 19 arranged in the bottom of the pipe makes it possible to clean the pipe, dry it out or free the passages 10—13 inclusive, without removing the tobacco therefrom and in this way has some advantages over the construction shown in Fig. 1.

Other modifications may be made within the scope of the appended claims, without departing from the principle or sacrificing the advantages of the invention.

Having carefully and fully described my invention, what I claim and desire to obtain is:—

1. A pipe having a bowl provided with a screw thread arranged away from either end of said bowl and a perforated barrier received in said screw threads and a slot in

said barrier for the introducing of means for removing said barrier.

2. A pipe having a removable tobacco supporting barrier arranged in the bowl thereof and a removable plug in the bottom of said bowl and away from and independent of said barrier, the stem connection of said pipe being above said plug and below said barrier.

Signed at the town of Port Jervis, county of Orange, State of New York, this 19th day of June, 1925.

JOHN A. REISER.