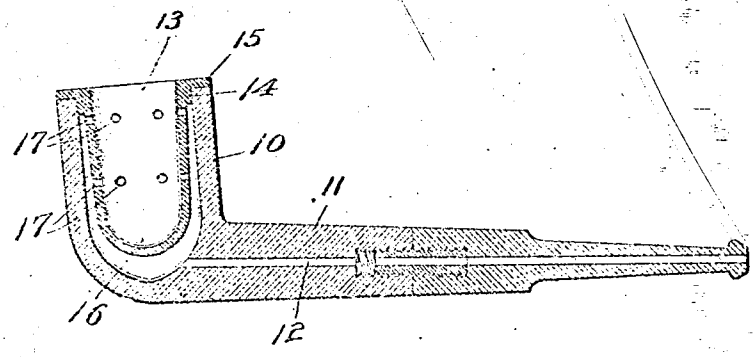
No. 895,499. PATENTED AUG. 11, 1908.

I. O. RUSSELL.

PIPE.

APPLICATION FILED OCT. 12, 1907.



Witnesses
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UNITED STATES PATENT OFFICE.

ISAAC O. RUSSELL, OF INDIANAPOLIS, INDIANA, ASSIGNOR TO ELMER C. RUSSELL, OF INDIANAPOLIS, INDIANA.

PIPE.

No. 895,499. Specification of Letters Patent. Patented Aug. 11, 1908.

Application filed October 12, 1907. Serial No. 397,043.

To all whom it may concern:

Be it known that I, ISAAC O. RUSSELL, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Pipes, of which the following is a specification.

The object of my invention is to produce a smoker's pipe of such construction that the smoke from the tobacco will not be drawn down through the body of unburned tobacco but, on the contrary, will be drawn directly from the burning portions and away from the unburning portions. The construction is also such that no saliva can reach the tobacco.

The accompanying drawing, which is a longitudinal section, illustrates an embodiment of my invention.

In the drawings, 10 indicates the bowl, 11 the stem and 12 the draft passage through stem 11. These parts may be of any desired form and arrangement.

Fitted within the bowl 10 is a cup 13 for the reception of the tobacco. Cup 13 is provided at its outer end with a portion 14 which fits the outer end of bowl 10, and a flange 15 which rests upon the end of the bowl while the lower portion 14 of the cup is smaller than the interior of the bowl leaving an annular space between such lower portion of the cup and the main bowl of the pipe. Cup 13, at its bottom end for a considerable distance upward therefrom, is imperforate, as at 16, but, near its upper end but below the portion 14, cup 13 is perforated in one or more series 17.

The operation is as follows:—The parts having been assembled as shown in the drawing and the cup 13 filled with tobacco, a draft through passage 12 draws the smoke directly off from the burning upper portion of the body of tobacco through the uppermost series of perforations 17, that being the line of least resistance. When the burning body of tobacco shrinks below the lowest perforations 17 the smoke is drawn upward from the tobacco. By this arrangement I am able to obtain a cool fresh smoke throughout the entire load.

I am aware that heretofore pipes having perforated tobacco cups have been shown in prior patents, such for instance as No. 74,050 of February 4, 1868 and No. 90,554, May 25, 1869, but the cups in these pipes were perforated at the bottom and hence the smoke was necessarily drawn down through the unburned tobacco.

I claim as my invention:

A tobacco pipe comprising a main bowl, a perforated draft stem communicating with said bowl, and a receiving cup mounted in the bowl, said receiving cup at its upper end being provided with a portion 14 which fits the main bowl, a flange resting upon the upper end of the bowl, and a lower portion beneath portion 14 and smaller than the main bowl so as to be spaced from the interior thereof, said cup being provided with a set of perforations through its wall closely beneath the portion 14 and another set of perforations below the first set but a considerable distance above the bottom of the cup substantially as and for the purpose set forth.

In witness whereof, I, have hereunto set my hand and seal at Indianapolis, Indiana, this ninth day of October, A. D. one thousand nine hundred and seven.

ISAAC O. RUSSELL. [L. S.]

Witnesses:

ARTHUR M. HOOD,

THOMAS W. McMEANS.