

No. 119,941.

Patented Oct. 17, 1871.

J.M. Mur

Tobacco Pipe.

Fig 1

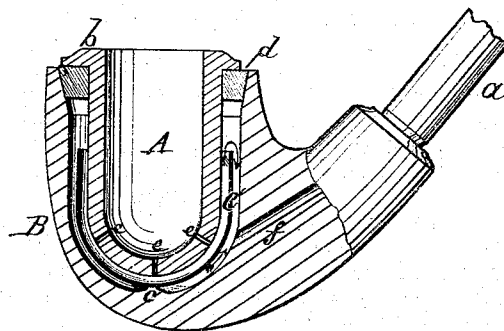
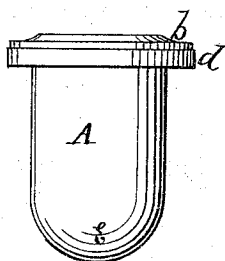


Fig 2.



Witnesses:

Ges. B. Felder.
James H. Paige.

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UNITED STATES PATENT OFFICE.

JOSEPH M. MUR, OF NEW YORK, N. Y.

IMPROVEMENT IN TOBACCO-PIPES.

Specification forming part of Letters Patent No. 119,941, dated October 17, 1871.

To all whom it may concern:

Be it known that I, JOSEPH M. MUR, of the city, county, and State of New York, have invented certain Improvements in Tobacco-Pipes, of which the following is a specification:

My invention consists, mainly, in the employment of a separate and detachable metallic cup between the fire-proof bowl and the outer casing for the purpose of collecting the essential-oils and other deleterious matter produced by burning the tobacco.

Figure 1 is a sectional elevation of my invention. Fig. 2 is an elevation of the fire-bowl and packing-ring. A is a cylindrical bowl of pipe-clay or other suitable substance, in which the tobacco is burned, and which is provided with a flange, *b*, around its upper edge. B is the bowl proper of the pipe, and is bored out or otherwise made hollow to receive the fire-bowl A, and leave an annular space between the two. C is a thin metallic cup placed between the bowl A and outer shell B, and which operates to retain the ashes or other deleterious matter from the tobacco. The diameter of this cup is such that there is a slight space between it and the fire-bowl and also between it and the shell B, and it may rest either upon the bottom of such shell or upon a slight projection, *c*, left therein in boring. The smoke drawn out of the burning tobacco passes through the openings *e* upward over the edge of the cup C and thence to the stem through the passage *f* in the shank of the pipe, as indicated by arrows

in Fig. 1. A packing-ring, *d*, is placed upon the outside of the fire-bowl A under the flange *b*, composed of cork or other suitable yielding material, which fits tightly into the upper part of the shell B, the opening in the latter being made slightly conical to receive it and allow of its being pushed down tightly to its place.

By this means the smoke-passages are kept perfectly tight and no difficulty is experienced by the smoker in creating a suction or draught through the pipe-stem. The metallic cup C rests loosely in the shell B, and may be removed and cleansed of the impurities collected in it. The fire-bowl, also, when it becomes filthy and saturated with deleterious matter, may be easily removed and replaced with a new one at a trifling expense. The non-conducting material of the pipe-bowl preserves the packing-ring *d* from burning.

What I claim as my invention, and desire to secure by Letters Patent, is—

As an improved article of manufacture, a tobacco-pipe provided with a separate and detachable ash-cup, *c*, placed loosely between the fire-proof tobacco-bowl B and the outer case or shell A, substantially as and for the purposes shown and described.

JOSEPH M. MUR.

Witnesses:

HENRY REEB,
E. T. STONE.

(160)