

F. FICKEY, Jr.

Smoking Pipe.

No. 45,916.

Patented Jan. 17, 1865.

Fig. 1.

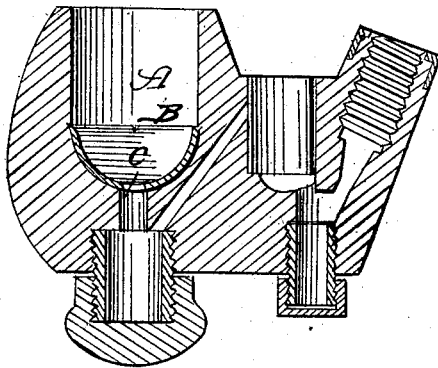


Fig. 2.

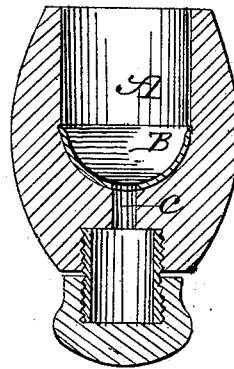


Fig. 3.

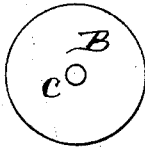


Fig. 4.

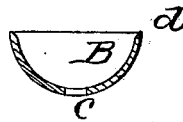


Fig. 5.



WITNESSES

E. B. Stansbury
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INVENTOR

Fred R. Fickey Jr
By his Attorney
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UNITED STATES PATENT OFFICE.

FREDERICK FICKEY, JR., OF BALTIMORE, MARYLAND, ASSIGNOR TO WM. H. FICKEY, OF SAME PLACE.

IMPROVEMENT IN SMOKING-PIPES.

Specification forming part of Letters Patent No. 45,916, dated January 17, 1865.

To all whom it may concern:

Be it known that I, FREDERICK FICKEY, JR., of the city of Baltimore, in the State of Maryland, have invented an Improvement in Tobacco-Pipes; and I do hereby declare the following to be a full and correct description of the same, reference being had to the accompanying drawings, in which—

Figure 1 is a vertical longitudinal section of my patented pipe with the improvement applied. Fig. 2 is a transverse vertical section of the same. Fig. 3 is a top view of the metallic cup. Fig. 4 is a central section of the same before it is attached to the pipe, and Fig. 5 is a similar view of the same with its edge expanded to attach it to the bowl of the pipe.

The same part is marked by the same letter of reference wherever it occurs.

My invention relates to pipes which are made of wood or other combustible material, and especially to that class of pipes in which the saliva is collected in a reservoir by itself and prevented from moistening the pipe-bowl. In pipes of that character (such as those patented by me) there are chambers and passages separated by partitions, somewhat thin, from the bowl of the pipe, and as the tobacco burns down it heats and chars the wood of which the bowl is composed, and ultimately burns it through to the passages alluded to, and completely burns out the vent-hole, thus destroying the peculiar character of the pipe and rendering it useless. This burning takes place chiefly at the bottom of the pipe around the vent-hole. To prevent it, without destroying the absorbent qualities of the bowl, is the object of this device. It would obviously prevent the difficulty to line the bowl entirely with metal; but that would entirely take away the power of absorption of the wood, and thus render the smoke both hot and acrid to the taste. It is the absorbent quality of the meerschauum which renders it so favorite a material for pipe bowls, and the same property of

the brier-root recommends it for the same purpose.

My invention consists in the insertion in the bottom of the bowl of the pipe of a metallic cup, extending up a short distance above the vent-hole, for the purpose of preventing the action of the fire on that portion of the bowl, while leaving the greater portion of the interior surface of the bowl to the exercise of its absorbent quality upon the oil of the tobacco as the contents of the bowl are consumed.

In the drawings, A marks the bowl of the pipe; B, the metallic cup; C, the vent-hole; *d*, the rim of the cup before it is attached to the bowl, and *d'* the same rim after it has been expanded by a blow with a tool and forced into the wood to fix it in place. The cup may be made of copper or other suitable metal, and be struck in dies. A hole in its bottom corresponds with the vent-hole of the pipe, over which it is to be placed. The cup is placed in the pipe-bowl in the position shown in the drawings, and fixed there by having its rim expanded by a blow from a tool prepared for the purpose.

I am aware that pipes have been made of metal, and have been lined throughout with metal; but such pipes are open to the objections named, and do not accomplish the twofold object I have in view of protecting the bowl from consumption without destroying its absorbent property.

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

The use of the metallic cup B, in combination with the absorbent bowl of a tobacco-pipe, substantially in the manner and for the purpose set forth.

The above specification of my said invention signed and witnessed at Baltimore this 15th day of November, A. D. 1864.

FRED. FICKEY, JR.

Witnesses:

WILLIAM ROGERS,
RICHD. CROWTHER.