

T. C. ANDREWS.

Tobacco Pipe.

No. 34,187.

Patented Jan. 21, 1862.

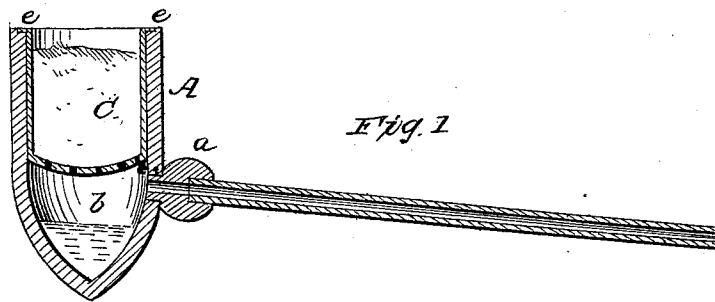


Fig. 2

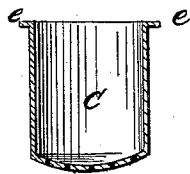
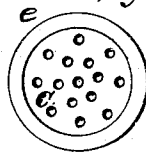


Fig. 3



Witnesses
Charles E. Foster
Charles Howson

Inventor
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Atty for T. C. Andrews

UNITED STATES PATENT OFFICE.

T. C. ANDREWS, OF LEVERINGTON, PENNSYLVANIA.

IMPROVEMENT IN TOBACCO-PIPES.

Specification forming part of Letters Patent No. 34,187, dated January 21, 1862.

To all whom it may concern:

Be it known that I, THOMAS CECIL ANDREWS, of Leverington, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Tobacco-Pipes; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists of a detachable and perforated holder for the tobacco, the said holder being adapted to and arranged within the bowl in the manner described hereinafter, so that both holder and bowl can be readily cleansed.

In order to enable others to make my invention, I will now proceed to describe its construction and operation.

On reference to the accompanying drawings, which form a part of this specification, Figure 1 is a sectional view of my improved tobacco-pipe; Fig. 2, a detached sectional view of the inner casing or tobacco-holder, and Fig. 3 a plan view of the same.

Similar letters refer to similar parts throughout the several views.

The bowl A of my improved tobacco-pipe may be made of clay, of wood, or of any of the different materials heretofore employed for the purpose. B is the stem of the pipe, fitting into an opening in a projection, *a*, which forms a part of the bowl. C is the tobacco-holder, fitting snugly into, but so as to be readily removed from, the interior of the bowl, the bottom of the holder being perforated, and being at such a distance from the bottom of the bowl as to form in the latter the chamber *b*, with which the interior of the stem B communicates. The upper edge of the holder C is provided with a flange, *e*, which, fitting snugly into a recess in the upper edge of the bowl, serves to maintain the holder in its proper vertical position. The tobacco is de-

posited in the holder C, the perforations of which are sufficiently small to prevent any but the smallest particles to pass into the chamber *b*, but sufficiently large to allow for the free passage of the smoke to the stem and for the escape of the oil of tobacco into the said chamber *b*. The stem B is inserted into the bowl at such a point between the bottom of the perforated holder and the bottom of the bowl that the saliva which accumulates in the stem cannot gain access to the tobacco and interfere, as in ordinary pipes, with the uninterrupted passage of smoke through the tube, but must make its way into the chamber *b*. It will be evident that the smoke drawn through the tube must be mild, pleasant, and unaccompanied with the oil of tobacco, the nauseous and deleterious nature of which is well known. On detaching the holder from the bowl all ashes and partly-consumed tobacco may be readily removed by washing or otherwise from the holder, and the oil of tobacco and saliva from the chamber *b*.

I wish it to be understood that I do not desire to claim, broadly, a perforated plate in the bowl of the pipe for supporting the tobacco, nor do I claim, broadly, so constructing the bowl of the pipe as to render one portion detachable from the other; but

I limit my claim to and desire to secure Letters Patent for—

The tobacco-holder C, with its perforated base, and the flange *e*, with its equivalent, when applied to the bowl of a pipe and serving as a detachable lining for the same, as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

T. CECIL ANDREWS.

Witnesses:

HENRY HOWSON,
JOHN WHITE.