

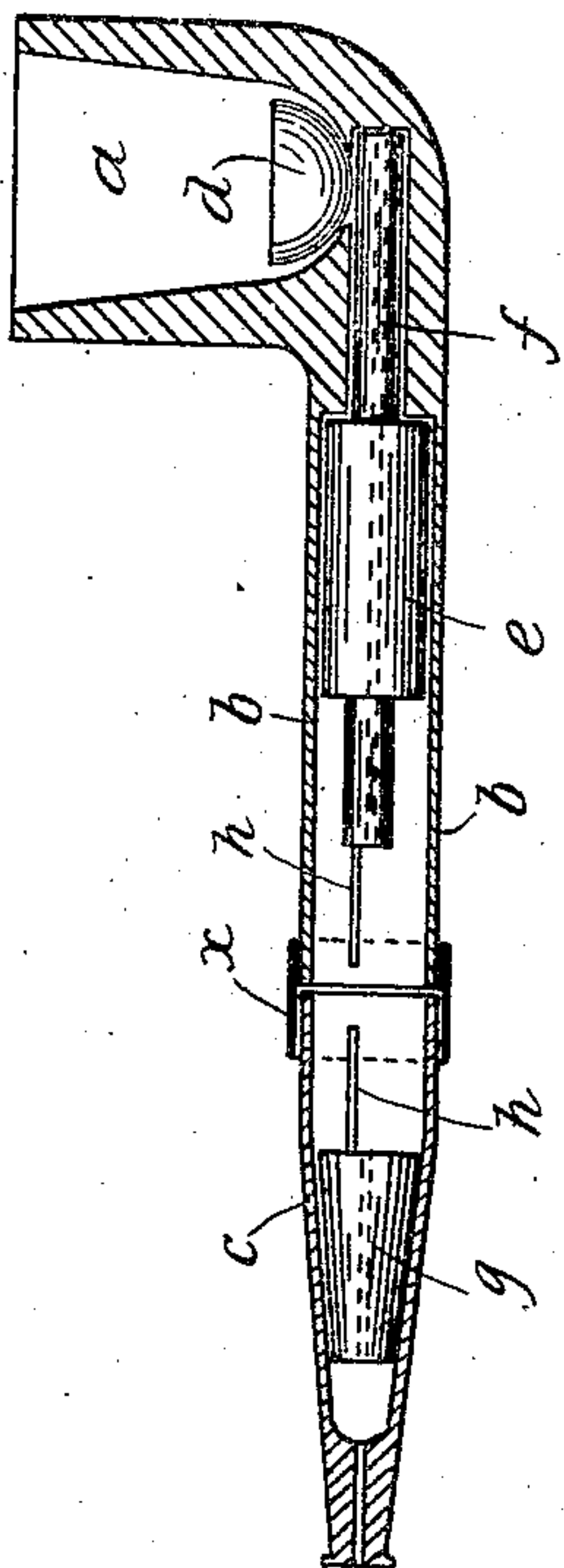
No. 712,867.

E. T. TOWGOOD.
TOBACCO PIPE.

Patented Nov. 4, 1902

(Application filed June 28, 1902.)

(No Model.)



Witnesses

Forris A. Clark

M. H. Hatkins

Inventor

Edward T. Towgood

My Alexander & Co.,

Attys.

UNITED STATES PATENT OFFICE.

EDWARD TRAHERNE TOWGOOD, OF WANGANUI, NEW ZEALAND.

TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 712,867, dated November 4, 1902.

Application filed June 28, 1902. Serial No. 113,681. (No model.)

To all whom it may concern:

Be it known that I, EDWARD TRAHERNE TOWGOOD, a subject of the King of Great Britain, residing at Grassmere, Wanganni, New Zealand, have invented a new and useful Improved Tobacco-Pipe; and I do hereby declare the following to be a full, clear, and exact description of the same.

This invention has been devised for the purpose of providing a tobacco-pipe that will absorb the nicotin given off from the tobacco when burning and that will have a cool effect upon the smoke, so as to afford what is generally known as a "cool smoke."

The invention consists in placing separate blocks of pumice in the bottom of the pipe-bowl, in the stem, and in the broad end of the mouthpiece. The blocks in the stem and mouthpiece are pierced with longitudinal holes through their center to form a passageway for the smoke, while the block in the bowl is made solid and of such a size as to leave a passage around it to the bottom of the bowl. Fine steel pins run longitudinally through the blocks in the stem and mouthpiece and their ends project out into the space between them and serve as finger-holds for removing the blocks for cleansing purposes. The pumice will absorb the nicotin from the tobacco, and when the blocks become dirty or clogged they may readily be removed, cleansed, and replaced. The pumice blocks will also tend to cool the smoke as it passes through them.

The accompanying drawing illustrates the application of my invention, the pipe being shown in longitudinal section, while the pumice blocks are in elevation.

a is the bowl of the pipe, *b* the stem, and *c* the mouthpiece, which is removably secured to the stem by means of the band *x* or in any other approved manner.

Loosely fitting within the bottom of the bowl *a* is the pumice block *d*, the top of which is made flat, while the under side is rounded, so as to conform somewhat to the shape of the bowl.

The stem *b* is bored out longitudinally, so as to receive the cylinder of pumice *e*, that extends along to beneath the bottom opening of the bowl *a*. This block of pumice may be made of the form shown in the drawing, where it is kept in place by means of an extension *f*, of smaller diameter, fitting in a diminished bore in the stem beneath the bowl, or it may be made of one uniform diameter throughout. The mouthpiece *c* is also bored out, so as to receive the pumice block *g*, which is shaped to fit the box.

The pumice blocks *e* and *g* are each pierced through their center with a minute draw-hole (shown by dotted lines in the drawing) and each may have inserted into their ends the fine metal rods *h*, which serve as finger-holds to remove the blocks for cleansing purposes.

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

In tobacco-pipes, a hollow stem and a hollow removable mouthpiece, in combination with blocks of pumice shaped to fit within the hollows of the stem and mouthpiece and in the bottom of the bowl of the pipe, the blocks of pumice within the stem and mouthpiece being each pierced longitudinally with a draw-hole and provided with means whereby they may be handled, as herein set forth.

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

EDWARD TRAHERNE TOWGOOD.

Witnesses:

W. E. HUGHES,
W. ALEXANDER.