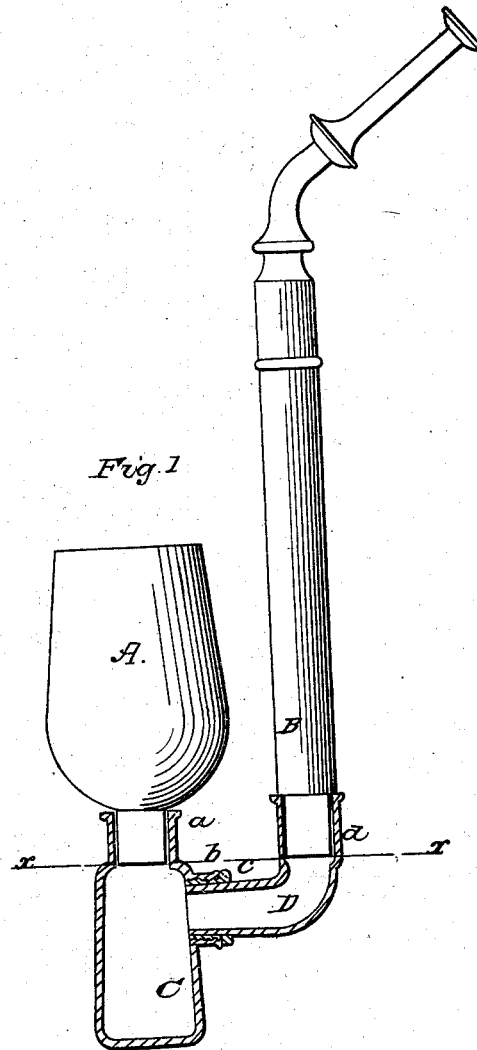


F. DOELLBOR.

Tobacco Pipe.

No. 48,162.

Patented June 13, 1865.



*Fig. 2*

Witnesses  
Thos. Lusch  
J. M. Corington

Inventor  
F. Doellbor  
By Munn & Co

# UNITED STATES PATENT OFFICE.

F. DOELLBOR, OF PHILADELPHIA, PENNSYLVANIA.

## TOBACCO-PIPE.

Specification forming part of Letters Patent No. 48,162, dated June 13, 1865.

*To all whom it may concern:*

Be it known that I, F. DOELLBOR, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and Improved Smoking-Pipe; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a sectional side elevation of this invention. Fig. 2 is a horizontal section of the fluid-receptacle and elbow which forms the connection between the same and the bowl or stem of my pipe, the line *x x*, Fig. 1, indicating the plane of section.

Similar letters of reference indicate like parts.

This invention consists in the employment or use of a movable elbow in combination with the fluid-receptacle and with the bowl or stem of a smoking-pipe, one end of said elbow being made to form a socket for the purpose of receiving the bowl or the stem, and the other end being fitted into a socket on the side of the fluid-receptacle, the joint being made tight by wood or any other suitable packing, in such a manner that all the parts of the pipe can be readily taken apart, and easy access can be had to them for the purpose of cleansing, and when the pipe is in use the smoke deposits all or most of the volatile oils which it carries from the bowl in the fluid-receptacle, and when it reaches the mouth of the smoker it is comparatively free from moisture and cooled down to an agreeable temperature.

A represents the bowl, B the stem, and C the fluid-receptacle, of my pipe.

The bowl and stem are made of wood or any other suitable material, in any desirable form or shape, each being turned down to fit into the socket *a* on the upper end of the fluid-receptacle, or in a corresponding socket, *d*, in

the end of an elbow, D, which forms the connection between the fluid-receptacle and the stem, as shown in Fig. 1 of the drawings; or, instead of inserting the stem in the elbow and the bowl in the fluid-receptacle, the stem may be inserted in the latter and the bowl in the former.

The fluid-receptacle is cast, or otherwise produced, of britannia or other suitable material, and it is provided with a lateral socket, *b*, to receive the end of the elbow D. This elbow is also cast or otherwise produced of the same material from which the fluid-receptacle is made, or it may be made of different material, if desired. It is provided at one end with a socket to receive the stem or the bowl, as previously described, and its other end is turned smooth and slightly tapering, and it is fitted into the lateral socket, *b*, of the fluid-receptacle, a packing, *c*, of wood or any other suitable material, being inserted to render the joint tight.

By this arrangement easy access can be had to the fluid-receptacle and to the elbow for the purpose of cleaning, the bowl and stem can be readily removed and cleaned, and the smoke, in passing from the bowl to the stem, is cooled and caused to deposit a large portion of the narcotic oil which it carries from the burning tobacco, so that my pipe is more healthful and agreeable for the smoker than pipes of the ordinary construction.

The pipe can be made cheap, it can be easily kept in order, and it is strong and durable.

I claim as new and desire to secure by Letters Patent—

The elbow D, provided with a socket, *d*, and made to fit in the lateral socket *b* of the fluid-receptacle of a smoking-pipe, substantially as and for the purpose set forth.

F. DOELLBOR.

Witnesses:

A. H. WIRZ,

GEORGE HOFSTETTER.