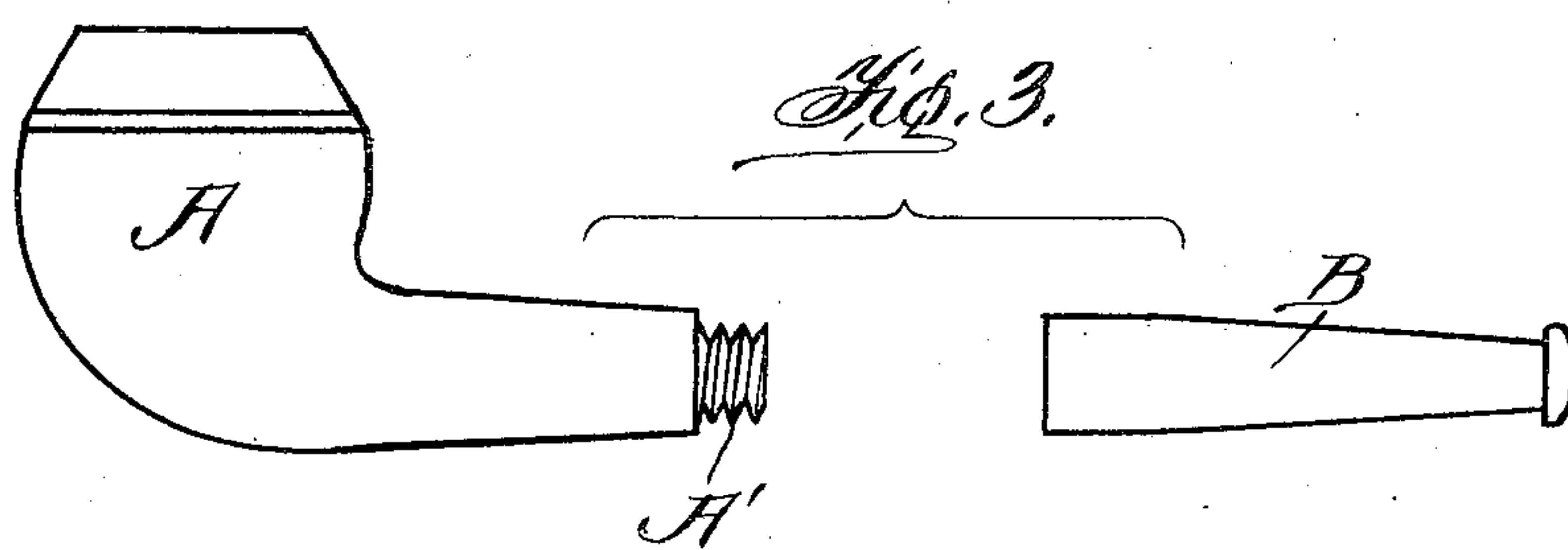
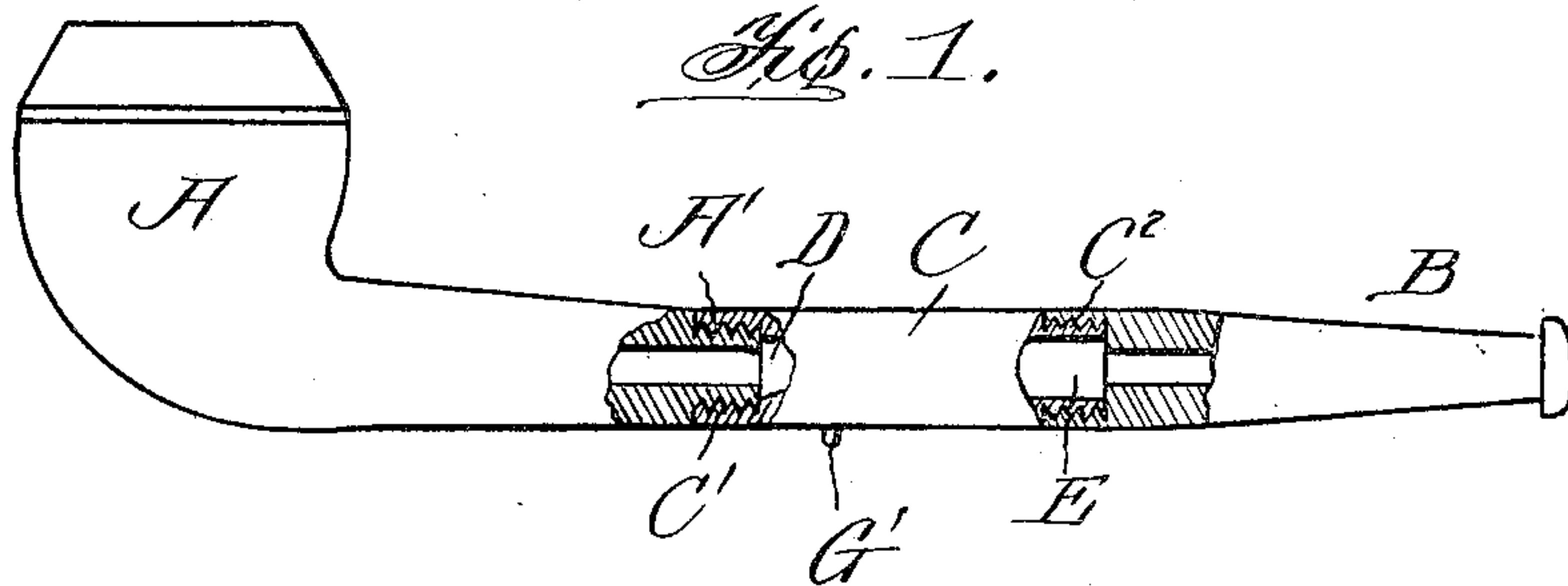


W. E. BUSH.
PIPE ATTACHMENT.
APPLICATION FILED JULY 30, 1908.

921,948.

Patented May 18, 1909.



Witnesses

Geo. P. Wright.
Oliver W. Holmes

Inventor

W. E. Bush,

By *O'Meara & Brock*
Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM EARL BUSH, OF FRESNO, CALIFORNIA.

PIPE ATTACHMENT.

No. 921,948.

Specification of Letters Patent.

Patented May 18, 1909.

Application filed July 30, 1908. Serial No. 446,106.

To all whom it may concern:

Be it known that I, WILLIAM E. BUSH, a citizen of the United States, residing at Fresno, in the county of Fresno and State of California, have invented a new and useful Improvement in Pipe Attachments, of which the following is a specification.

This invention relates to pipe attachments, the object being to provide an attachment by means of which the smoke in its passage from the bowl to the mouth-piece will be cooled and caused to deposit injurious matter.

Another object of my invention is to provide an attachment which is so constructed that it can be readily attached to the ordinary pipe now in use.

A further object of my invention is to provide an attachment adapted to be arranged between the neck and mouth-piece and one which is provided with a cooling chamber and a saliva chamber.

With these objects in view, the invention consists in the novel features of construction, combination and arrangement of parts, hereinafter fully described and pointed out in the claim.

In the drawing forming a part of this specification:—Figure 1 is a side elevation of a pipe showing my improved attachment in place, partly broken away to show the manner of connecting the same to the neck and mouth-piece. Fig. 2 is a longitudinal sectional view of the attachment. Fig. 3 is a side elevational view of a pipe showing the bowl and mouth-piece in position to receive the attachment.

In the drawing A indicates the bowl of an ordinary pipe which is provided with a neck having a threaded nipple A', and B is the mouth-piece which is provided with an internally threaded end adapted to fit over the nipple A' of the neck, which is of the ordinary construction of pipe now in use, but in some cases the neck is formed with a threaded bore and the mouth-piece with a threaded nipple, and I have constructed an attachment which can be readily attached to either kind.

My attachment comprises a stem-section

C which is provided with an internally threaded end C' and an externally threaded nipple C² at its opposite end adapted to fit over and in the respective ends of the neck and mouth-piece. The section C is provided with a diagonal partition C³ forming a cooling chamber D and a saliva chamber E which are connected together by a passage F formed adjacent the upper end of the partition C³ through which the smoke is adapted to pass on its way to the mouth-piece.

A drain G is formed in the chamber E and is adapted to be closed by a plug G' so that when it is desired to clean the chamber it is only necessary to remove the plug and blow into the mouth piece and the saliva will be forced out of the drain.

It will be seen by constructing the attachment with an internally threaded end and an externally threaded nipple it can be readily attached to the ordinary pipe now in use which is provided with a threaded connection between the neck and mouth-piece.

From the foregoing description it will be seen that I have provided an attachment which is exceedingly simple and cheap in construction and one which can be sold as a separate article so that it can be readily attached to the pipe by the buyer.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:—

The combination with a pipe provided with a neck having a threaded nipple, of a stem section provided with an internally threaded end adapted to be arranged over said nipple, a diagonal partition formed in said stem forming a cooling and saliva chamber connected together by a passage, a drain opening communicating with the saliva chamber, a plug for closing said opening, a threaded nipple formed upon the opposite end of said stem, and a mouth-piece having an internally threaded end adapted to fit over said nipple.

WILLIAM EARL BUSH.

Witnesses:

WILLIAM G. COELNANE,
JULIA E. FLEMING.