

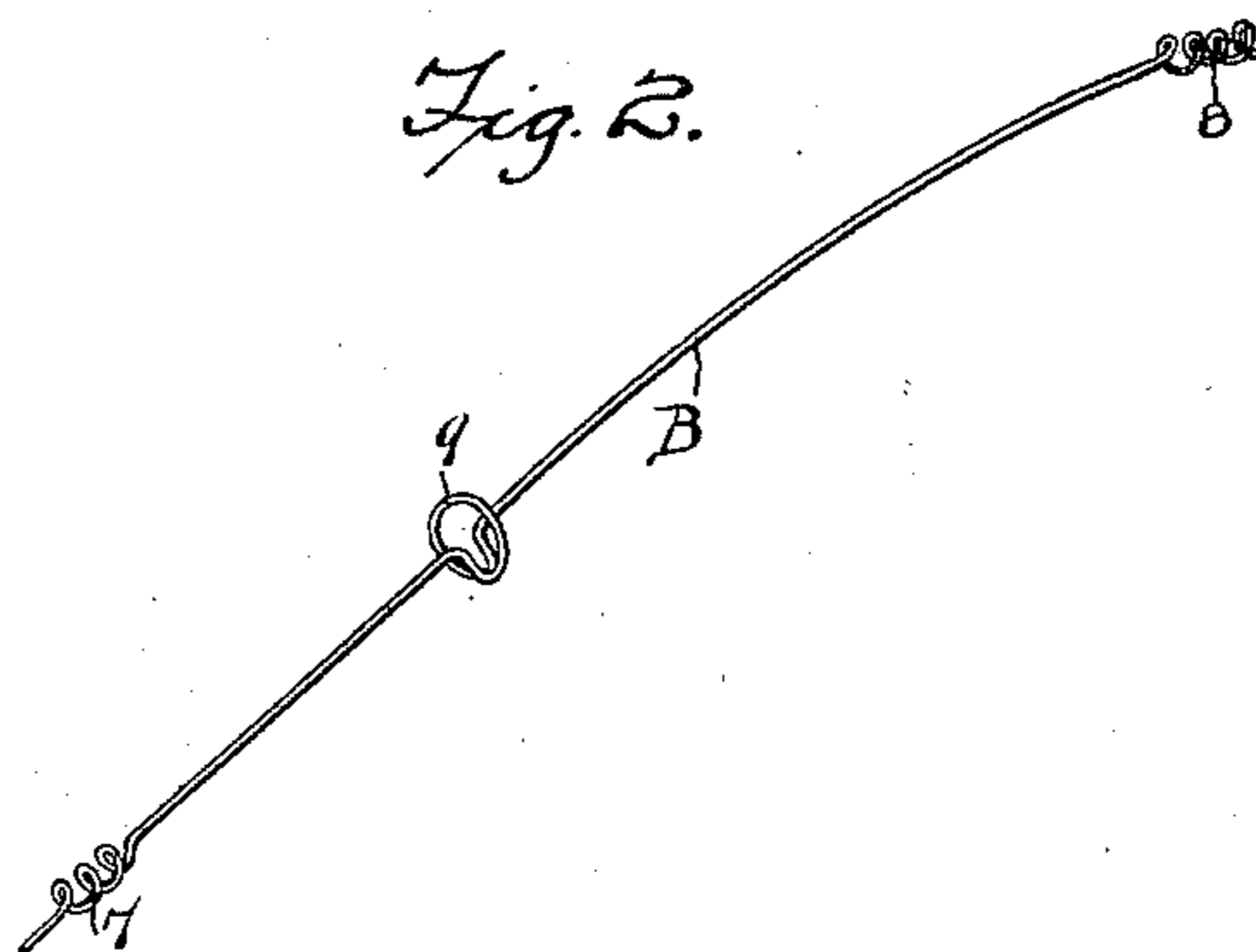
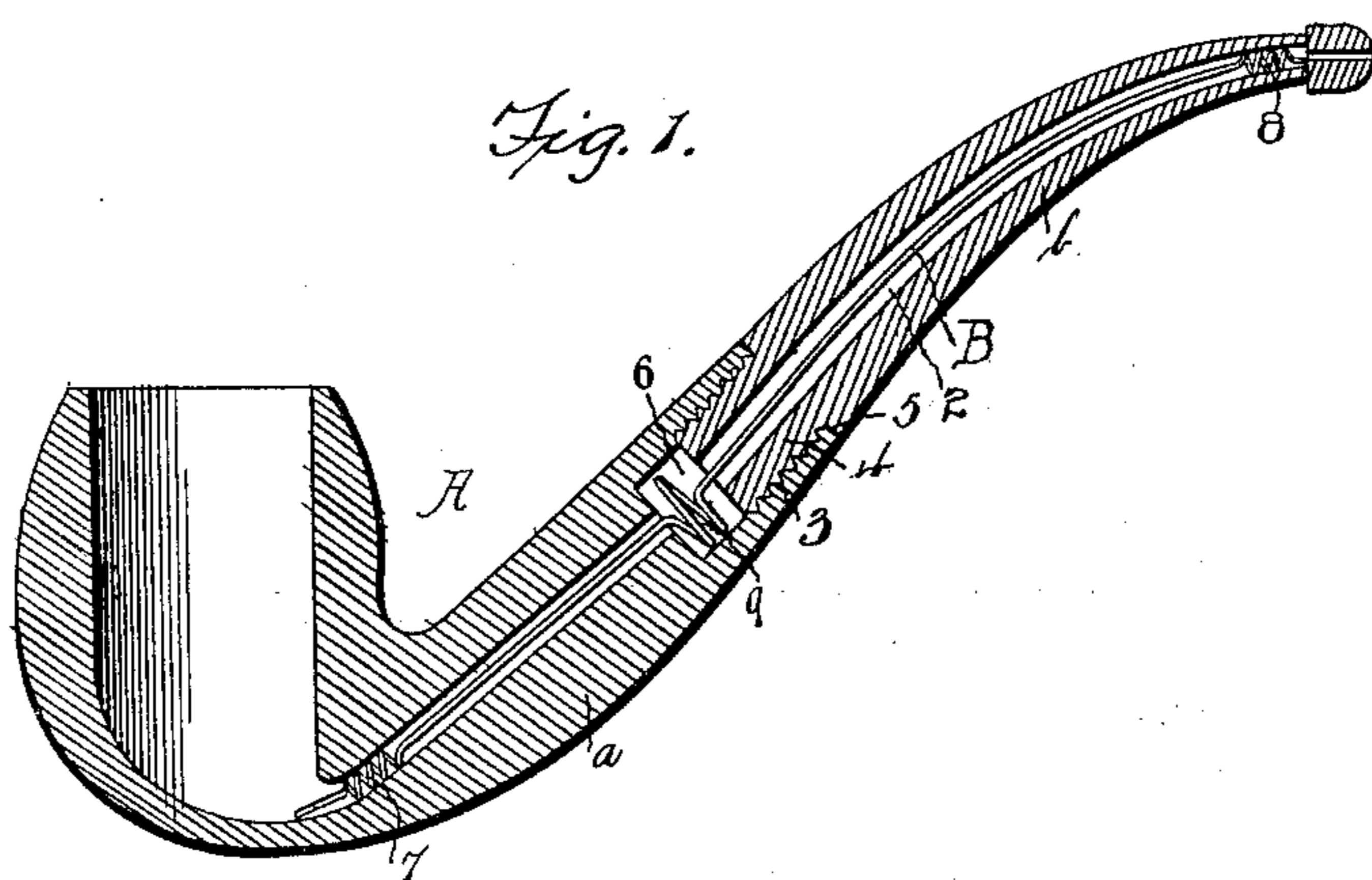
No. 630,074.

Patented Aug. 1, 1899.

H. A. ROHM.  
SMOKING PIPE ATTACHMENT.

(Application filed Mar. 1, 1899.)

(No Model.)



Witnesses

*Ralph A. Shepard*  
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By *his* Attorneys.

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# UNITED STATES PATENT OFFICE.

HENRY A. ROHM, OF SAYVILLE, NEW YORK, ASSIGNOR OF ONE-HALF TO  
J. STENGER, OF SAME PLACE.

## SMOKING-PIPE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 630,074, dated August 1, 1899.

Application filed March 1, 1899. Serial No. 707,249. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY A. ROHM, a citizen of the United States, residing at Sayville, in the county of Suffolk and State of New York, have invented a new and useful Smoking-Pipe Attachment, of which the following is a specification.

This invention relates to tobacco-pipes and attachments therefor; and the object of the invention is to provide a simple article of the character specified consisting of a pipe of suitable construction and a cleaner therefor, which latter remains within the pipe while the latter is being smoked, and the cleaner is of such a construction that when it is employed as such it serves to remove nicotine, dirt, &c., that collect inside the stem at any place in the length thereof, and the construction of the cleaner is such that it does not interfere with the free passage of smoke through the stem.

The article as a whole consists of a pipe the stem of which has a chamber of greater diameter than the bore of said stem, and the latter consists of two detachably-united sections, the ends of which are adjacent and form two walls of said chamber, and an attachment of less diameter the major part of its length and said bore and having cleaning devices at its ends disposed, respectively, in the two sections of the stem and an intermediate portion located in said chamber and adapted to engage the walls of the latter, thereby to limit or prevent longitudinal movement of the attachment. When the two sections of the stem are detached, the end portions of the attachment therein will serve successively to clean the two sections of the stem upon the inside thereof, whereby the stem can be kept clear of all obstructions and pure smokes assured.

With these ends in view the invention consists in the novel combination of elements and in the construction and arrangement of parts, which will be hereinafter fully described and claimed.

To enable others to understand the invention, the preferred embodiment thereof is illustrated in the accompanying drawings, forming a part of this specification, and in which—

Figure 1 is a longitudinal section through

a pipe equipped with a cleaning attachment constructed in accordance with the invention. Fig. 2 is a perspective view of said attachment removed from the pipe.

Like characters denote like and corresponding parts in both figures of the drawings.

The pipe is designated by A, and it may be made of any suitable material, and the cleaning attachment therefor, which is disposed in the pipe-stem 2, is denoted by B and is preferably formed of German-silver wire, although of course it may be formed of other metal. The stem 2 of the pipe consists of two sections *a* and *b*, the first mentioned of which is internally threaded, as at 3, to receive the externally-threaded portion 4 of the other section, the latter having an annular shoulder 5, adapted to fit against the end of the section *a* when the two are in assembled relation, as represented in Fig. 1. The stem 2 has a chamber 6 therein located near the junction of the two sections thereof and the diameter of which exceeds the diameter of the bore or channel in said stem, and the adjacent end portions of the two pipe-stem sections constitute two of the walls of this chamber.

The cleaning attachment B, as hereinbefore set forth, is preferably of wire and is of a shape to agree substantially with that of the pipe-stem, the latter being illustrated (see Fig. 1) as curved, although it is obvious that said stem can be straight.

The attachment B, as hereinbefore set forth, is preferably made of wire, and the diameter thereof is materially less than the bore of the stem, so as not to interfere with the passage of smoke therethrough, and is provided at its ends or terminates in the small coils 7 and 8, located, respectively, near the junction of the bowl and the stem and at the outer end of said stem, said coils being contiguous to the wall of the bore and being adapted to clean said wall by the movement thereof longitudinally therealong. The attachment B is provided at about its middle with the wide coil 9, disposed within the chamber 6 and adapted to engage the walls thereof when the stem-section *b* is fitted within its companion *a*, as represented in Fig. 1, thereby preventing longitudinal or endwise move-

ment of said attachment in the stem. In cleaning the pipe the stem-section *b* is unscrewed and removed, which action sometimes carries the attachment therewith, so that the coil 7 will be drawn through the section *a* of the stem for the purpose of cleaning the inside of the latter, and occasionally said attachment will remain in the section *a* of the stem when the section *b* is removed, whereby the coil 8 will be caused to clean the inside of said section *b* as it is detached.

The attachment is light and serviceable and can be constructed at a low cost and can be applied to pipes having straight or curved stems as a permanent part thereof and is adapted, as hereinbefore set forth, to thoroughly remove all nicotine and dirt from the inside of the stem, thereby insuring a clean dry smoke.

Changes in the form, proportion, size, and the minor details of construction within the scope of the appended claims may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed as new is—

1. A tobacco-pipe the stem of which has a chamber of greater diameter than the bore of said stem and said stem consisting of two sections the ends of which form two of the walls of the chamber, and an attachment of less diameter the major part of its length than said bore, and having cleaning devices at its ends disposed respectively in said sections of the stem, and an intermediate larger portion located in said chamber, substantially as described.

2. A tobacco-pipe the stem of which has a chamber of greater diameter than the bore of the stem, and said stem consisting of two sections the ends of which form two of the walls of said chamber, and a wire attachment of less diameter than said bore and having cleaning-coils at its ends disposed respectively in said sections of the stem and having an intermediate and larger coil located in said chamber, substantially as described.

3. An attachment for smoking-pipes, of wire having end coils and having an intermediate coil of greater diameter than said end coils, substantially as described.

4. The combination with a tobacco-pipe having a sectional stem, the bore of one of the sections being enlarged at one end and partially internally threaded, and the adjacent section being provided with an externally-threaded end adapted to be fitted into the threaded enlarged portion of the bore of the former section, of a cleaning attachment normally carried within the bore of the stem and provided with an intermediate enlargement engaging against the adjacent end walls of the stem-sections, whereby accidental longitudinal displacement of the cleaning device is prevented, substantially as shown and described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

HENRY A. ROHM.

Witnesses:

FRANK E. FREAR,  
ELLSWORTH CRUM.