W. R. KAUFMAN.

SMOKING PIPE.

APPLICATION FILED FEB. 6, 1907.

901,915. Patented Oct. 20, 1908.

Fig. 1.

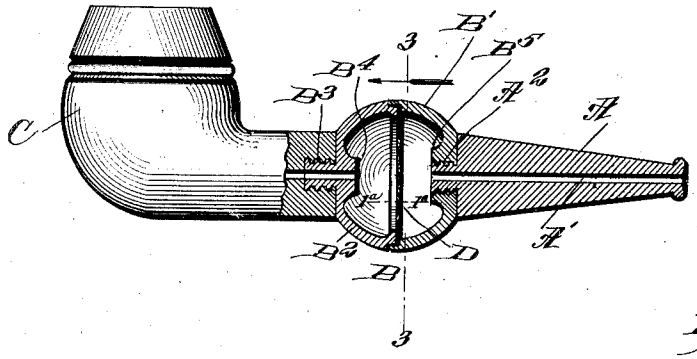


Fig. 1a.

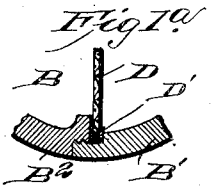


Fig. 2.

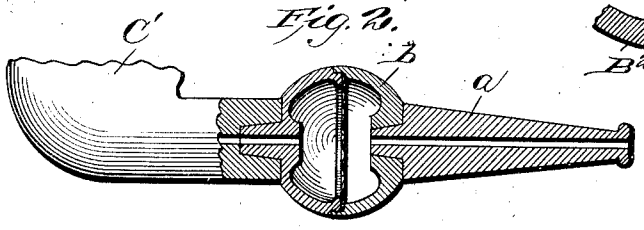


Fig. 3.

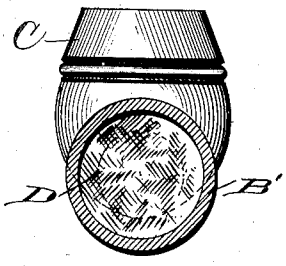


Fig. 3.

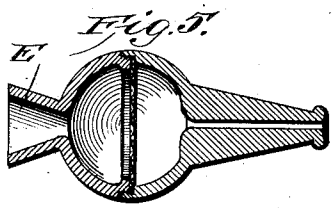
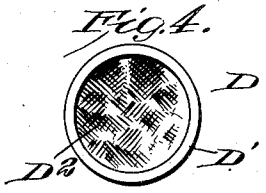


Fig. 4.



WITNESSES

E. M. Callaghan

Perry B. Turpin

INVENTOR

WILLIAM R. KAUFMAN

BY Munn & Co.

ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM RAYMOND KAUFMAN, OF SULPHUR, OKLAHOMA.

SMOKING-PIPE.

No. 901,915. Specification of Letters Patent. Patented Oct. 20, 1908.

Application filed February 6, 1907. Serial No. 356,028.

To all whom it may concern:

Be it known that I, WILLIAM RAYMOND KAUFMAN, a citizen of the United States, and resident of Sulphur, in the county of Murray and State of Oklahoma, have invented an Improved Smoking-Pipe, of which the following is a specification.

My invention is an improvement in pipes and the like, such as cigar and cigarette holders; and the invention consists in certain novel constructions and combinations of parts forming a smoking apparatus as will be hereinafter more fully described and claimed.

In the drawing, Figure 1 is a side view partly in section of a pipe embodying my invention, in which the parts are united by screw joints. Fig. 1ª is a detail section on about line 1ª—1ª of Fig. 1. Fig. 2 is a similar view showing slip joints instead of screw joints. Fig. 3 is a cross section on about line 3—3 of Fig. 1. Fig. 4 is a detail side view of the partition; and Fig. 5 is a sectional view of a smoking apparatus in the form of a cigar or cigarette holder.

By my invention I provide in the smoke channel a chamber enlarged relatively to the smoke passages and provided with a straining partition between the mouth piece and the opposite end of the apparatus, whereby the smoke will be strained, dried and cooled, thus eliminating the burning of the tongue, and whereby the spittle will be stopped and may accumulate in the chamber and may be discharged by opening the chamber by detaching its sections.

In the construction shown in Fig. 1, the stem A has the smoke passage A′ and a nipple A^2 which threads into the section B′ of the intermediate chamber B. Said section B′ has a screw connection at its open end with the open end of the section B^2 of the chamber B, which said section has a threaded nipple B^3 screwing into connection with the bowl C, as shown in Fig. 1, the partition D having a rim D′ of metal or the like, and a covering D^2 which may be of silk, linen or other suitable material, which may be of any desired thickness and single or double as may be desired. This partition D is clamped between the sections B′ and B^2 of the chamber B, when the latter are screwed together, as will be understood from Figs. 1 and 1ª, and it forms a partition through which the smoke must pass to the stem. Manifestly, instead of using screw joints as shown in Fig. 1, I may connect the stem *a*, the chamber *b*, and the bowl C′ by slip joints as shown in Fig. 2, and it will also be understood that instead of employing a pipe bowl as shown in Figs. 1 and 2, the smoking apparatus may have at E a holder for cigars or cigarettes, as illustrated in Fig. 5 of the drawing.

In practice, the device may be made of amber, hard rubber, celluloid, wood, metal, glass, or any other desired material or composition.

In use, by unscrewing the bulb or chamber at the center, the spittle can be thrown out and the partition removed and replaced by a new one as often as required. In practice, the bulb or chamber B may be made a part of or separate from the pipe, and when made separate, it can be attached to any ordinary construction of pipe with either straight or crooked stem, and when the pipe becomes worn out or broken, the bulb or chamber may be removed and used with a new pipe of any desired make.

Manifestly, the partitions can be supplied separately or any suitable number may be supplied with each bulb or chamber as may be found desirable by the trade.

It will be noticed, especially in Figs. 1 and 2, that the bulb or chamber receiving the partition is provided with an inlet channel communicating with the channel in the bowl C, and with an outlet channel communicating with that in the stem or mouth piece A, and that the chamber is provided with the inwardly projecting tubular portions or nipples B^4 and B^5 surrounding the inlet and outlet passages and extending into the chamber and adapted to operate as checks to prevent any spittle that may accumulate in the chamber from passing into the bowl or from returning through the stem or mouth piece.

The construction is simple, easily cleaned, and will be found useful in securing a clean, cool smoke, as is desired.

It will be noticed that the section of the bulb which is threaded internally to screw on the external portion of the bulb, has in rear of its threaded portion a shoulder forming a bearing or seat for one side of the frame D, the end of the externally threaded section forming a bearing or abutment for the other side of the said frame, in the use of the invention, as best shown in Fig. 1ª.

I claim:

The smoking apparatus consisting of a

stem or mouth-piece, a holder for the material to be smoked and a bulb between the said mouth-piece and holder, said bulb being divided midway between said parts into sections, and having said sections united by a screw joint, combined with a strainer held at its edges between the said sections at the screw threaded joint thereof, the said sections being provided on opposite sides of the strainer with tubular portions projecting inwardly in a direction at a right angle to the plane of the strainer, all substantially and for the purposes set forth.

WILLIAM RAYMOND KAUFMAN.

Witnesses:
W. H. PENLAND,
W. E. ERVIN.