

No. 683,339.

F. L. SCHULZ.
TOBACCO PIPE.

Patented Sept. 24, 1901.

(Application filed Jan. 31, 1900.)

(No Model.)

Fig. 1.

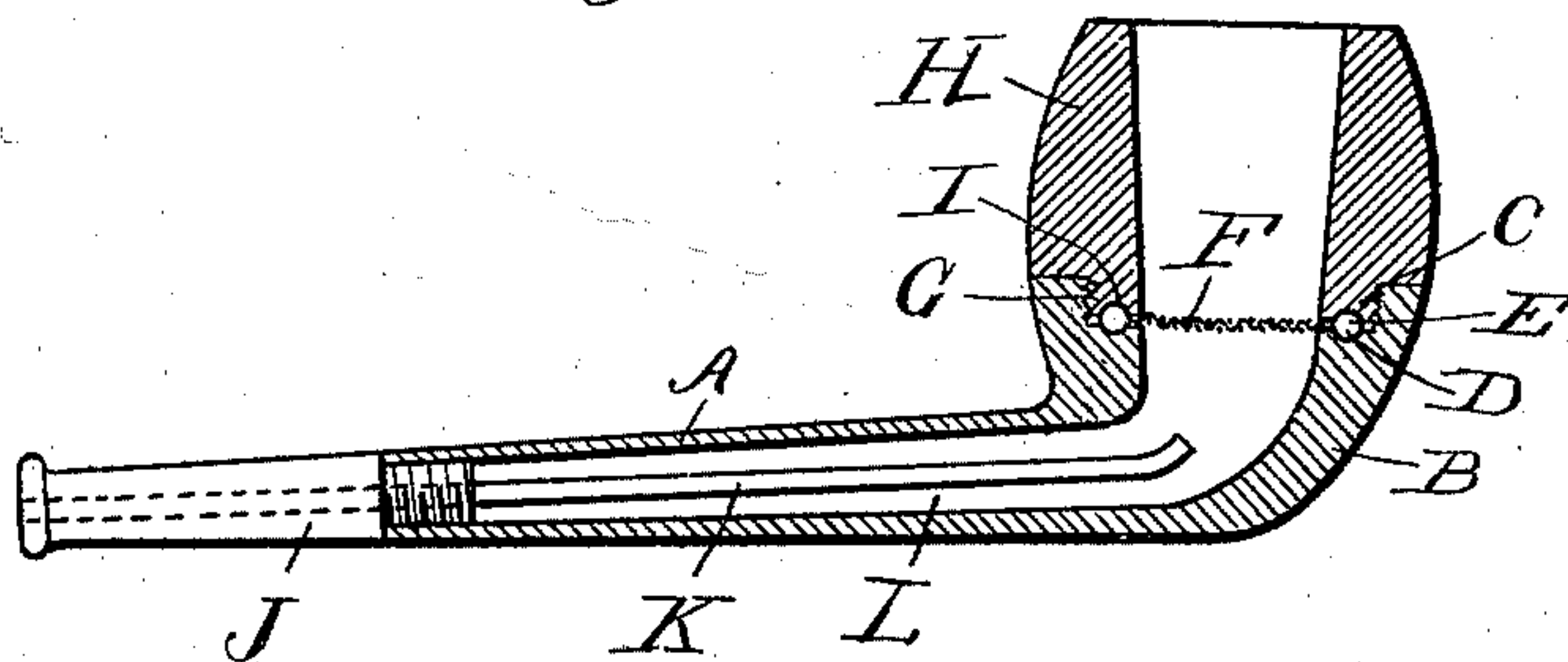
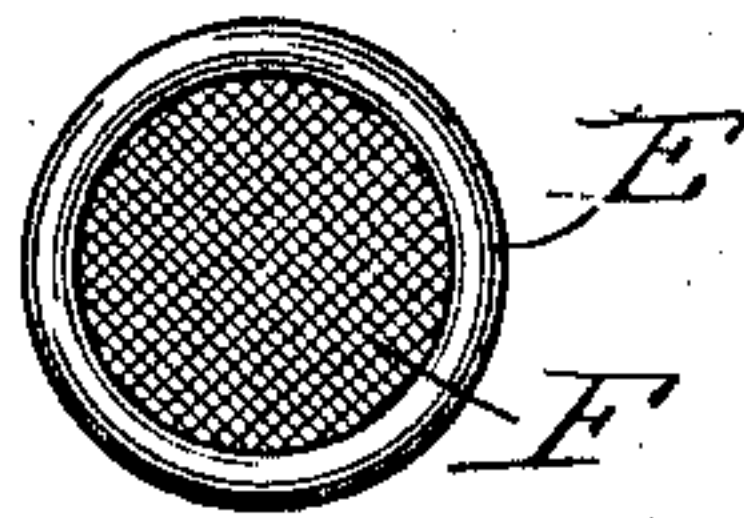


Fig. 2.



Witnesses:

C. F. Wilson.

Theo. Kautsky

Inventor:

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By *Rudolph H. Lutz*

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UNITED STATES PATENT OFFICE.

FRANK L. SCHULZ, OF CHICAGO, ILLINOIS, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO CHARLES W. VAIL, OF SAME PLACE.

TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 683,339, dated September 24, 1901.

Application filed January 31, 1900. Serial No. 3,489. (No model.)

To all whom it may concern:

Be it known that I, FRANK L. SCHULZ, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Tobacco-Pipes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a novel construction in a tobacco-pipe, the object being to provide a device in which the tobacco contained in the bowl is prevented from getting into the stem and thence into the mouth of the smoker, and, further, in which a space is provided to receive and retain the nicotine-vapors; and it consists in the feature of construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawings, illustrating my invention, Figure 1 is a central longitudinal section of a tobacco-pipe constructed in accordance with my invention. Fig. 2 is a detail plan view of the sieve or strainer employed.

My tobacco-pipe consists of a stem A, which is hollow, tapered slightly toward one end and at its other end is provided with an enlarged elbow portion B, in shape similar to the lower portion of a tobacco-pipe bowl. At the mouth of said portion B, I form an interior annular groove C, interiorly screw-threaded and adapted and provided in its other or flat face with an annular recess D, adapted to receive the rim or frame E of a sieve or strainer F, of wire-gauze or the like. The said groove C is adapted to receive an exteriorly-threaded nipple or boss G on the lower end of the bowl H, said nipple or boss being likewise provided with an annular groove I to receive said rim E of said sieve or strainer. Said bowl H fits snugly upon said portion B of said stem A, and together they may be said to form what

is generally recognized as the bowl of the tobacco-pipe. The other end of said stem A is interiorly screw-threaded to receive the screw-threaded end of a mouthpiece J, mounted on which and extending centrally through said stem A is a tube K, of smaller diameter than said stem, so as to leave a free annular space L between the same. The inner end of said tube K is preferably bent slightly, so as to extend as far as possible above the bottom of said portion B of said stem into which it projects.

My device has the advantage of retaining the same outward appearance as an ordinary tobacco-pipe, while at the same time it affords a pure cool smoke, the sieve or strainer retaining the tobacco against passage into the stem, and the hollow in the part B and in the annular space L of the stem A forming a condensing and collecting chamber in which the nicotine-vapors condense and saliva collects, thus preventing the passage of the disagreeable "juice" into the mouth.

I claim as my invention—

The combination with a pipe having a stem provided on its bowl end with an upwardly-extending annular flange screw-threaded on its outer surface, and a bowl screw-threaded in its lower end to fit said screw-threaded portion of said stem, the opposing faces of said portions adjacent the interior opening being each provided with an annular groove adapted to receive and retain a ring of wire, of a foraminated screen provided with a circular wire frame adapted to fit within said grooves, when said portions of said pipe are screwed together and be retained in position, thereby.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK L. SCHULZ.

Witnesses:

E. F. WILSON,
FRANK G. HARSH.