

(No Model.)

W. DEMUTH.

ABSORBENT CARTRIDGE FOR PIPE STEMS.

No. 413,036.

Patented Oct. 15, 1889.

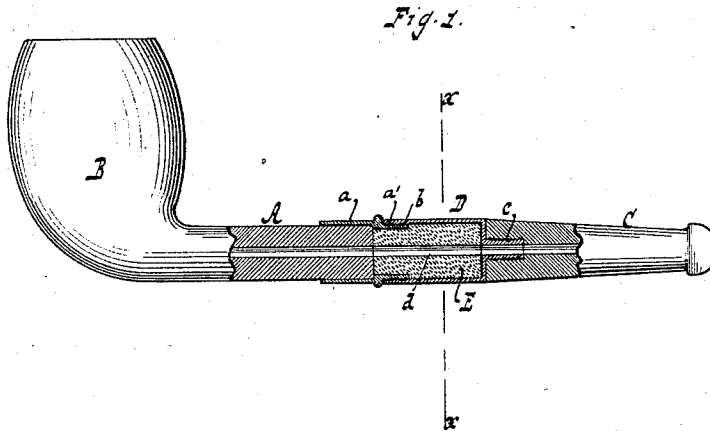


Fig. 2.

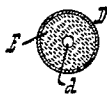
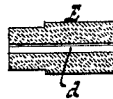


Fig. 3.



Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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ABSORBENT CARTRIDGE FOR PIPE-STEMS.

SPECIFICATION forming part of Letters Patent No. 413,036, dated October 15, 1889.

Application filed May 29, 1889. Serial No. 312,577. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM DEMUTH, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Pipe-Stems, of which the following is a specification.

This invention has for its object to provide a pipe-stem or cigar-holder with novel means whereby the smoke in its passage to the mouth is brought in contact with tar, whereby the smoke obtains the healthful, invigorating, and aromatizing properties of tar while smoking.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 represents a longitudinal section. Fig. 2 is a transverse section in the plane xx , Fig. 1. Fig. 3 is a side elevation of the tar-cartridge. Fig. 4 is a longitudinal section of the same.

Similar letters indicate corresponding parts.

In the drawings, the letter A designates a stem which, in the example shown in the drawings, connects at one end with a bowl B and at the opposite end with a mouth-piece C; but the end which connects with the bowl may be left open and formed to receive a cigar. The stem A is made in two sections, and on the main section is secured a coupling-piece a , which is provided at its free end with an external screw-thread a' , which engages an external screw-thread b on the second section D. This section forms the receiver for the cartridge E, and it is provided with a screw-nipple c , to engage the mouth-piece C. The cartridge E is made of a suitable absorbent material, which is saturated with tar and compressed to fit the receiver D,

and it is provided with a central bore or channel d , which forms a portion of the passage for the smoke.

When all the parts of the stem are connected, as shown in Fig. 1, the smoke in its course from the burning tobacco to the mouth-piece has to pass through the tar-cartridge, and in its passage it takes up the balsamic qualities of the tar, and the smoker can now inhale the same health-invigorating and delightful aroma which enters his lungs when wandering through a pinery, and at the same time enjoy the full flavor of his favorite brand of tobacco.

I am aware that pipe-stems have heretofore been provided with smoke-filters—such as perforated felt disks arranged side by side, with the perforations out of coincidence; or layers of cork or paper and blotting-paper having a central through orifice; or sponge saturated with camphor; or cotton saturated with coffee or other substance to neutralize the nicotine. These, however, do not constitute my invention.

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

A cylindrical cartridge for pipe-stems, made of a compressed absorbent material saturated with tar and having a smoke-passage extending centrally through it from end to end, substantially as shown and described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

WILLIAM DEMUTH

Witnesses:

JOSEPH M. ALEXANDER,
ERNST F. KASTENHUBER.