(No Model.)

G. H. PEABODY.

CARTRIDGE FOR TOBACCO PIPES.

No. 380,590. Patented Apr. 3, 1888.

Fig. 1.

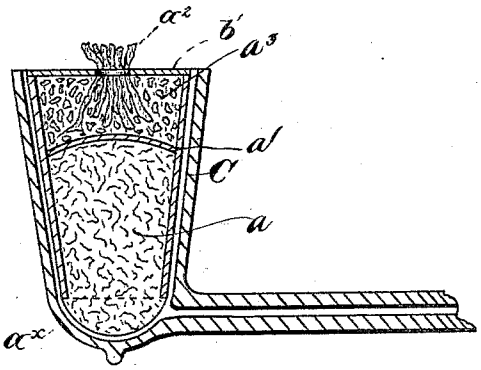


Fig. 3.

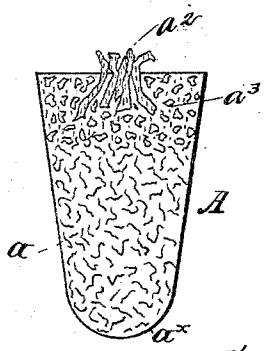


Fig. 4.

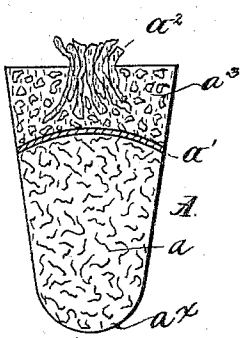
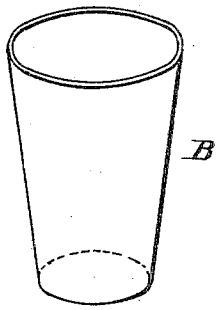


Fig. 5.



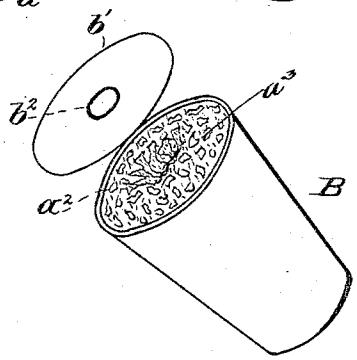


Fig. 2.

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CARTRIDGE FOR TOBACCO-PIPES.

SPECIFICATION forming part of Letters Patent No. 380,590, dated April 3, 1888.

Application filed January 10, 1888. Serial No. 260,373. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. PEABODY, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented a new and Improved Cartridge for Tobacco-Pipes; and I do hereby declare that the following is a full, clear, and exact description of the same, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, making part of this specification.

The object of my invention is to provide an economical article of smoking-tobacco adapted to fit the bowl of a tobacco-pipe, which will prevent waste, facilitate ignition, and insure a perfect and even combustion in the pipe.

In the drawings, Figure 1 is a longitudinal sectional view of a tobacco-pipe, showing the cartridge within the bowl. Fig. 2 is a view in perspective of the cartridge complete, showing the cover removed. Fig. 3 is a sectional view of the tobacco molded in cartridge form and showing the kiln-dried wick-stems. Fig. 4 is a similar view to that shown in Fig. 2, showing the division-leaf. Fig. 5 is a view of the gelatine cartridge-cover.

In carrying out my invention I take tobacco commonly used for smoking, and moisten and compress the same in suitable molds in the form of a cartridge, A, adapted to fit the bowl of a tobacco-pipe, or, more particularly, conform it to the shape of a frustum of a cone, the lower end terminated in a convex end, $a^{\times}$. The lower portion, a, of the cartridge, equal to about two-thirds of its length, is formed of the ordinary undried or moistened smoking-tobacco, over which I place a leaf, a', of tobacco or gelatine, and upon said leaf I place the lower ends of a wick, a^2, composed of kiln-dried tobacco. Around said wick, and upon the leaf a' is then compressed kiln-dried smoking-tobacco, a^3. I then place the molded compressed tobacco within a case, B, which is made of a thin sheet of gelatine or equivalent material, which case is made of a similar shape to that of the bowl of the pipe and of the proper size interiorly to receive the molded plug or cartridge, the interior surface being first moistened, so as to adhere to the cartridge. I then make a cover, b', of gelatine, leaf-tobacco, or other suitable material, with a central opening, b^2, through which opening is protruded the wick a^2. The cover b' is secured to the top of the cartridge-case by means of glue or other adhesive material. The bottom or lower end portion of the cartridge-case is preferably uncovered, the molded tobacco being compact in the cartridge and holding its shape. The cartridge, formed as I have described, is then placed in a tobacco-pipe, C, and the wick projecting through the cover b' is ignited, and the kiln-dried tobacco, with its rapid combustion, ignites that below the leaf a', and, owing to the compact form of the tobacco, it is consumed in layers and evenly through the pipe, thus avoiding the waste which ordinarily occurs from uneven filling of the pipe with loose tobacco.

As seen in Figs. 1 and 4, the tobacco in the cartridge is separated by a leaf, a', and the portion of the tobacco covered by the leaf compressed in a convex form, which enables the slower combustion of the tobacco to follow evenly around the sides of the pipe and not form a central draft.

The advantage of my cartridge consists in the ready use of smoking-tobacco, that may be ignited under heavy winds without waste, and the increased amount of tobacco afforded in one filling of the pipe.

It will be readily seen that the casing may be applied in a liquid form to the cartridge, if preferred. I prefer to pack the cartridges in a box which may contain the required number for long use, and in such condition an article of great convenience is afforded.

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

A cartridge composed of smoking-tobacco compressed in the shape of and adapted to fit the bowl of a pipe, having a portion of said cartridge composed of kiln-dried material and a division-leaf separating the kiln-dried from the moistened tobacco, as described.

GEORGE H. PEABODY.

Witnesses:
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