

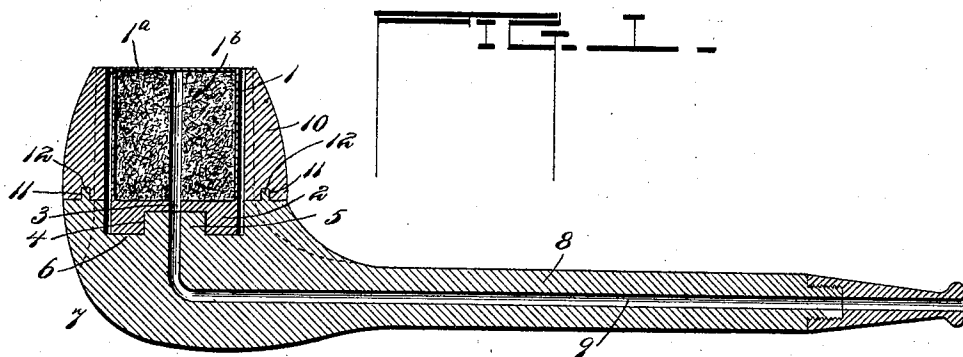
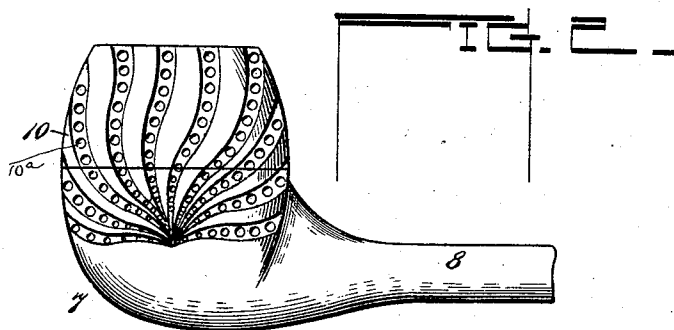
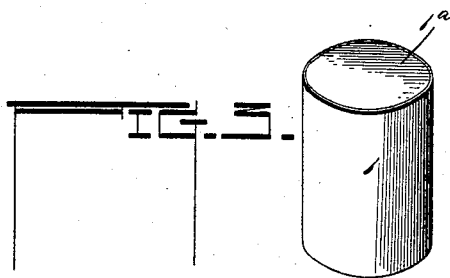
(No Model.)

2 Sheets—Sheet 1.

C. W. BETTS.
TOBACCO CONTAINER AND PIPE.

No. 588,259.

Patented Aug. 17, 1897.



Inventor

Witnesses

Charles W. Betts,

By his Attorneys,

Milton O'Connell
[Signature]

Chas. W. Betts

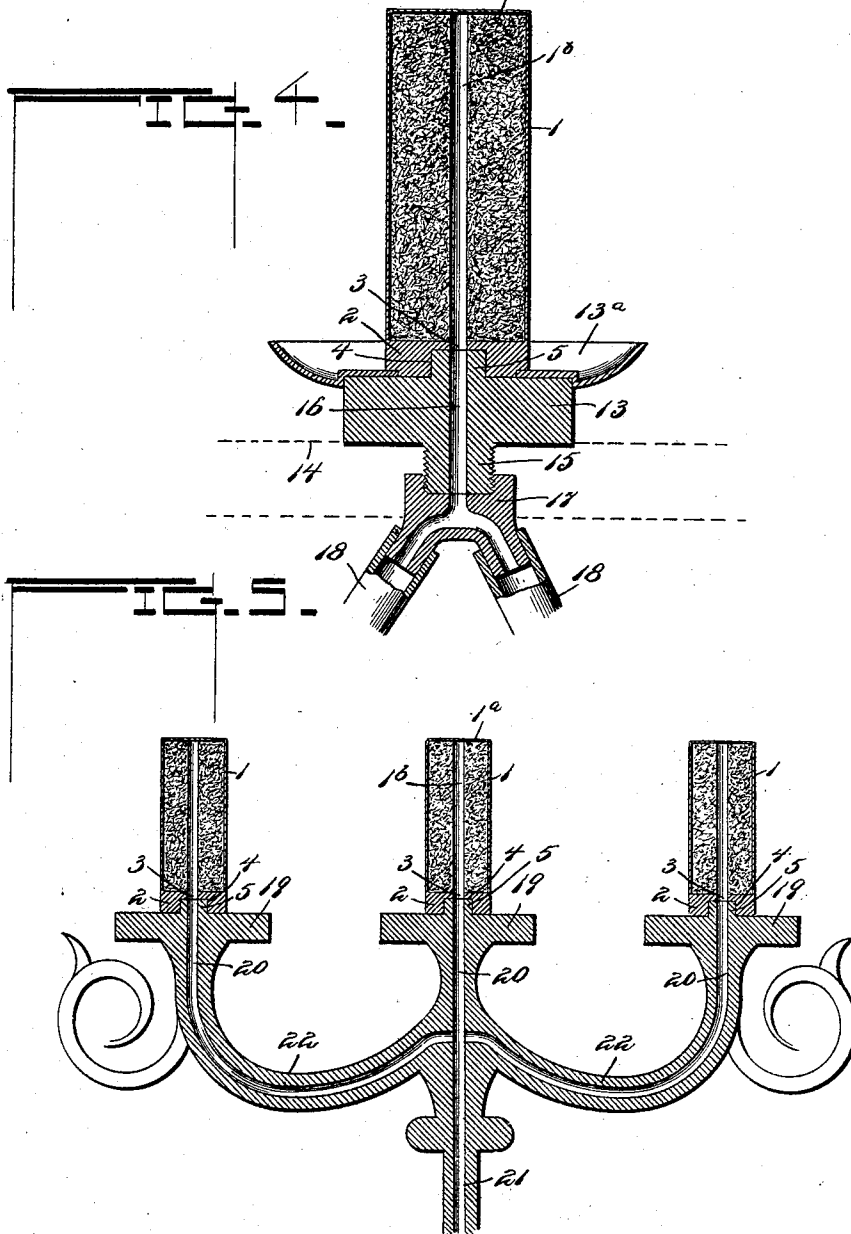
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CA Snow & Co.

UNITED STATES PATENT OFFICE.

CHARLES W. BETTS, OF WALLACE, IDAHO.

TOBACCO CONTAINER AND PIPE.

SPECIFICATION forming part of Letters Patent No. 588,259, dated August 17, 1897.

Application filed March 24, 1897. Serial No. 629,050. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. BETTS, a citizen of the United States, residing at Wallace, in the county of Shoshone and State of Idaho, have invented new and useful Tobacco Containers and Pipes, of which the following is a specification.

My invention relates to tobacco containers and pipes, and particularly to a tobacco container or cartridge adapted to be used in connection with suitable means through which smoke produced by the burning contents of the container or cartridge may be drawn; and the object in view is to provide an attachment having such a construction as to facilitate its application to a base with which a smoke-conveyer is connected, the attachment consisting of a tobacco container or cartridge adapted to be replaced when exhausted by the consumption of its contents and capable of use either with or without a containing-bowl.

Further objects and advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a central sectional view of an approved form of pipe including a bowl having a detachable section for inclosing the tobacco container or cartridge. Fig. 2 is a side view of the bowl. Fig. 3 is a detail view in perspective of the tobacco container or cartridge detached. Fig. 4 is a view of a tobacco container or cartridge applied to a modified construction of base or holder adapted for communication with a plurality of smoke-conveying tubes or stems. Fig. 5 is a view of another modified construction of holder embodying a plurality of rests for tobacco containers or cartridges having a single outlet in connection with which one or more smoke conveyers or stems may be employed.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

The essential feature of my invention resides in a tobacco container or cartridge consisting of a shell 1, preferably of combustible or perishable material, as paper or its equivalent, adapted to be destroyed gradually by

means of the heat produced by the contained burning tobacco, the combustion of the shell progressing with that of the contents; whereby the upper edge of the unconsumed portion of the shell is always in the plane of the top of the unconsumed portion of the contents. This shell is closed at its bottom by a disk-like or annular head 2, provided with a small central perforation 3, through which smoke from the contents of the shell may be drawn. The head forming the bottom of the shell is also provided in its lower side with a recess or socket 4, adapted to receive a projection of corresponding shape supported by a suitable holder or base 6, which in the construction illustrated in Fig. 1 consists of the lower section of a pipe-bowl 7, having a stem 8, of which the bore 9 is extended to and terminates at the center of the projection 5 to register with the perforation 3 in the bottom of the shell. Said pipe-bowl includes an upper removable section 10, having in its lower edge a groove 11 to receive a rib 12, rising from the holder 6.

The bore of the bowl is preferably of larger diameter than the exterior of the shell to form an annular space surrounding the shell when fitted in the bowl, this space giving ventilation to facilitate the combustion of the contents of the shell, and in order to still further increase the supply of air to the contents of the shell I preferably perforate the side wall of the bowl, particularly the removable section 10, as shown at 10^a, whereby as the shell and contents are consumed the oxygen necessary for supporting combustion is supplied through the wall of the shell and the annular space surrounding the latter and is communicated directly to the burning surface of the contents of the shell beneath the superposed layer of ashes which has been left by the prior combustion.

In Fig. 4 I have shown the container or cartridge embodying the essential features of my invention and constructed as hereinbefore described applied in the operative position to a holder 13, which is adapted to be arranged upon a suitable support, such as a table or other article having a flat surface (indicated in dotted lines at 14) and adapted to form a stand, the attachment being made by means of a threaded extension 15 of the

holder 13, the channel 16 through the holder being extended through said extension for communication with a stem 17, to which may be attached a plurality of tubes 18, adapted
5 for use by different smokers. Combined with the holder or rest 13 I have also shown a simple form of ash-receiver 13^a suitable for catching ashes which may drop from the cartridge during the consumption thereof, the inner
10 edge of said receiver extending under the peripheral edge of the disk or head forming the lower end of the cartridge and adapted to be removed therewith from the holder or rest to empty the receiver.

15 Also in Fig. 5 I have shown another form of holder provided with a plurality of rests 19, of which the channels 20 communicate with a common stem 21, to which either one or a plurality of tubes may be applied for
20 the use of the desired number of smokers. The rests 19 are connected with said common stem by means of a suitable number of arms 22 to form a bracket.

It will be understood from the foregoing
25 description that the tobacco containers or cartridges are adapted to be filled and may be sold independently of the holder or support in connection with which they are to be used, each being abandoned after use to give
30 place for its successor, and if sold as an article of manufacture in a filled condition the top thereof may be closed by an extension 1^a of the shell, which may be ignited in the act of lighting the contents of the shell or may
35 be removed or torn off previous to lighting; and in order to facilitate the uniform consumption of the contents of the shell I preferably form therein an axial draft-channel

1^b, registering with the perforation 3 and extending to the top of the contents. 40

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention. 45

Having described my invention, what I claim is—

1. The combination with a tobacco container or cartridge having a disk bottom, of a holder or rest having an attached stem and
50 provided with means for engaging said disk bottom of the cartridge, and a removable section supported by the holder or rest for surrounding the contained cartridge and having a bore of larger diameter than the exterior of
55 the cartridge, substantially as specified.

2. The combination with a tobacco container or cartridge and having a disk bottom provided with a socket, of a holder or rest adapted to support the cartridge and having
60 an attached stem and a projection to engage said socket, and a perforated section of a depth equal with the cartridge detachably secured to the holder or rest and adapted to
65 combine therewith to form a bowl, the bore of said detachable section being of larger diameter than the cartridge to form an intervening air-space between the contiguous surfaces thereof, substantially as specified.

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

CHARLES W. BETTS.

Witnesses:

WILLIAM GLYNN,
A. E. FAUQUIER.