

C. SIEBENHAUSEN.
SMOKING PIPE SHIELD.

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1,027,916.

Patented May 28, 1912.

Fig. 1.

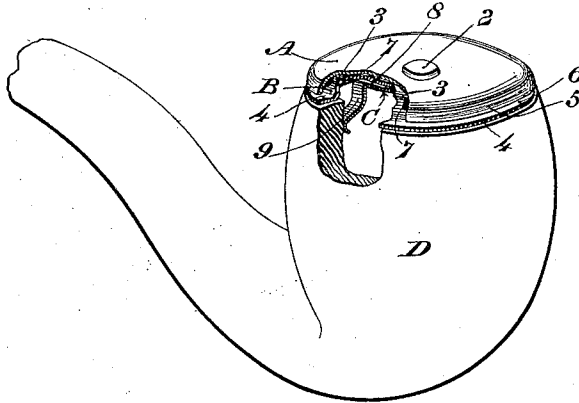


Fig. 2.

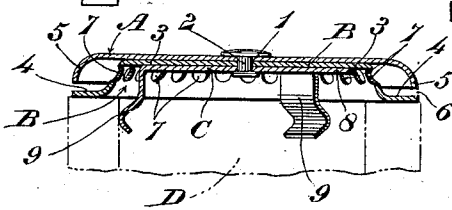


Fig. 3.

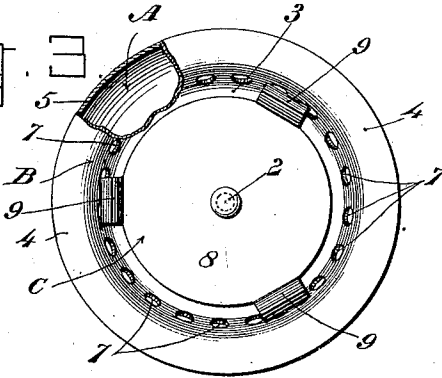
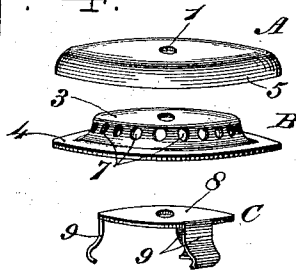


Fig. 4.



Witnesses

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SMOKING-PIPE SHIELD.

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To all whom it may concern:

Be it known that I, CHARLES SIEBENHAUSEN, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Smoking-Pipe Shields, of which the following is a specification.

This invention relates to a shield for tobacco pipes for the purpose of preventing the wind from blowing out the lighted tobacco or preventing the rain from entering the bowl and extinguishing the light.

The invention has for one of its objects to provide an extremely simple, practical and effective shield which can be readily applied to or removed from the bowl of the pipe, and which when in position prevents wind or rain from putting out the lighted tobacco, although ample provision is made for allowing an effective draft through the pipe.

With such objects in view and others, as will appear as the description proceeds, the invention comprises the various novel features of construction and arrangement of parts which will be more fully described hereinafter and set forth with particularity in the claims appended hereto.

In the accompanying drawing, which illustrates one embodiment of the invention, Figure 1 is a perspective view of a shield in applied position and partly broken away. Fig. 2 is a central vertical section. Fig. 3 is a bottom plan view. Fig. 4 is a perspective view of the various parts of the shield before being riveted together.

Similar reference characters are employed to designate corresponding parts throughout the views.

Referring to the drawing, the shield will be observed to be composed of three essential parts, namely, the cap piece A, the bottom piece B, and an attaching device C. The cap piece is a metal or other disk which has its peripheral edge curved downwardly so as to provide a cap hollow at its under side. This cap has a central opening 1 through which passes a rivet 2 that secures the several parts together. The bottom plate B is in the form of a disk of the same diameter as the cap and the major portion of this plate is bowed upwardly or arched

into a crown or dome 3, so that the cap 1 will rest directly thereon. The annular flange 4 of this bottom plate is spaced from the downwardly-bent edge 5 of the cap so that a continuous annular opening or entrance 6 is provided around the periphery of the cap. Arranged around the dome 3 and adjacent the flange 4 are openings or apertures 7 that form communicating means between the annular entrance and the chamber formed by the dome, said chamber being in open communication with the bowl of the pipe D. By this arrangement, air is drawn laterally through the shield and then downwardly into the pipe bowl. Since the cap is rounded at its edge, rain will be readily shed thereby and prevented from entering the shield. Furthermore, by the restricted entrance 6 extending around the periphery of the shield, it is impossible for wind to pass into the pipe.

The attaching device C consists of disk 8 of such diameter that it can be placed in the hollow of the bottom plate 2 without obstructing the passage of air through the apertures 7, and on this disk, which is fastened in place by the rivet 2 passing through it and through the bottom plate, are spring lugs or attaching members 9 which extend into the bowl of the pipe and frictionally engage with the internal surface thereof, the flange 4 of the bottom plate resting on the top of the bowl. By attaching the shield in this manner, it can be effectively held in place against accidental dislodgment and at the same time it can be readily removed when it is necessary to clean out and re-fill the pipe.

Having thus described the invention, what I claim as new, is:—

1. A pipe shield comprising a cap piece, a bottom piece having a central crown extending into the cap and provided with apertures extending around the crown, an attaching device disposed under the bottom piece for engaging the bowl of a pipe, and means for fastening the said parts together, said bottom piece having its peripheral portion spaced from the cap to provide an annular entrance for air.

2. A tobacco pipe shield comprising a cap piece, a bottom piece of substantially the same diameter as the cap piece and formed

with a peripheral flange spaced from the cap
piece to provide an annular entrance and
also formed with a central crown on which
the cap bears, said crown having apertures
5 around its side, and means rigidly secured
to the bottom side of the bottom piece and
including resilient bowl-engaging members,
and a fastening passing through the said

means and through the cap and bottom
pieces for securing the parts together. 10

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

CHARLES SIEBENHAUSEN.

Witnesses:

FRANK LIVY BAILEY,
JOHN EDWARD ROCHE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."