

C. PETERSON.
MOUTHPIECE FOR TOBACCO PIPES, &c.
APPLICATION FILED JAN. 2, 1904.

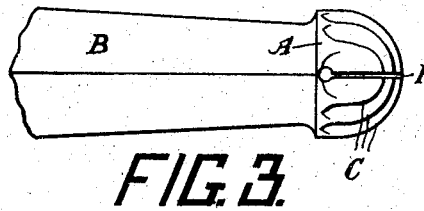
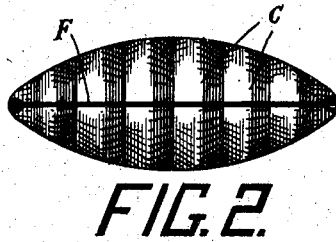
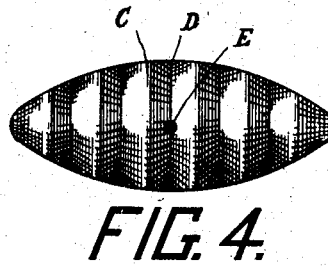
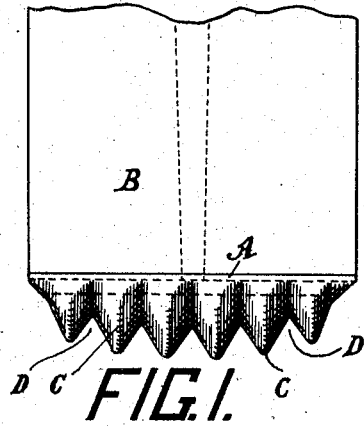


FIG. 5.

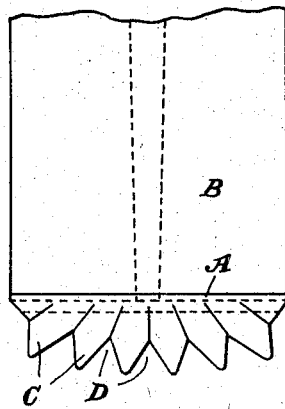
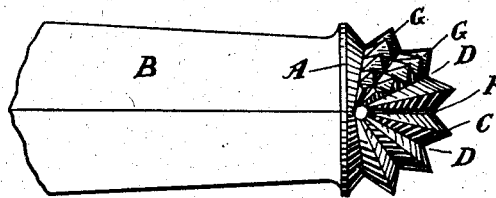


FIG. 6.



Witnesses:
J. Wm. Lutton.
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by Leonby Gregory,
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UNITED STATES PATENT OFFICE.

CHARLES PETERSON, OF DUBLIN, IRELAND.

MOUTHPIECE FOR TOBACCO-PIPES, &c.

SPECIFICATION forming part of Letters Patent No. 791,495, dated June 6, 1905.

Application filed January 2, 1904. Serial No. 187,432.

To all whom it may concern.

Be it known that I, CHARLES PETERSON, a subject of the King of Great Britain and Ireland, residing at 111 Grafton street, Dublin, Ireland, have invented a new and useful Improvement in Mouthpieces for Tobacco-Pipes, Cigar-Holders, and Cigarette-Holders, of which the following is a specification.

This invention has reference to an improvement in mouthpieces of tobacco-pipes, cigar-holders, and cigarette-holders; and it consists in forming or providing the "lip" ends of such mouthpieces with ribs, ridges, or equivalents, so that when the tongue rests on or against these ribs, ridges, or equivalents there will be channels or spaces between the tongue and the actual lip to permit the passage or circulation of smoke and air between them.

Another important advantage attained by the lip being formed or provided with the ribs, ridges, or equivalents is that when the tongue rests on or against these ribs, ridges, or the like the passage of the smoke from the usual orifice or slit in the lip into the mouth is not prevented, and, further, if the lip be formed with a slit through which the smoke enters the mouth and if the ribs, ridges, or equivalents be properly formed the latter will very materially assist in insuring a uniform spreading or diffusion of the smoke in the mouth.

In order that my invention may be readily understood, I have illustrated several forms thereof on an enlarged scale in the accompanying drawings, in which—

Figures 1, 2, and 3 are a plan view and front and side elevations, respectively, of one form of my invention. Fig. 4 is a similar view to Fig. 2, but the lip is in this instance shown with a central aperture instead of a slit through which the smoke enters the mouth; and Figs. 5 and 6 show alternative forms of my invention, the former being a plan view and the latter a side elevation.

In carrying my invention into practice, I form the lip end A of a mouthpiece B with ribs, ridges, or equivalents C. These ridges or equivalents are preferably made vertical, about as shown in Figs. 1 to 5, and for the

sake of cheapness also parallel to each other, as shown in Figs. 1, 2, and 4, and they project a sufficient distance from the actual body or main part of the lip so that when the tongue rests on them there will be channels or passages D between the tongue and the main part of the lip to permit the passage or circulation of smoke and air between them.

The lip may have the usual orifice E (shown in Fig. 4) for the passage of the smoke into the mouth, said orifice being situated between two ridges, so that when the tongue rests against these ridges said orifice will not be closed thereby, the free passage of the smoke into the mouth being permitted.

It is obvious that the ridges C may be formed on an ordinary lip by cutting grooves therein to form the passages D, and if said ordinary lip have an orifice E one of the grooves should be formed across said orifice. Further, said ridges may be formed at any desired angle. If the lip has a longitudinal slit F, it is of considerable advantage that the ridges be made at about right angles thereto, as the smoke will be more equably and uniformly spread or diffused in the mouth by reason of the outlet of the slit into the mouth being of a zigzag form, as will be understood by reference to Figs. 1 and 2.

Fig. 5 shows a lip having vertical ridges; but instead of these ridges being parallel, as in Fig. 1, they diverge as from a common center; and in Fig. 6 a lip is shown having horizontal ridges, two of these ridges having transverse grooves made across them, so as to leave a series of conical protuberances G projecting from the lip.

While I have shown several forms of ridges or equivalents and have shown the ridges running in various directions, I wish it to be understood that I do not confine myself to any particular shape of ridge or protuberance, nor to any particular direction in which these ridges or the like run, although for practical purposes the form shown in Figs. 1 to 4 is best.

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

1. In mouthpieces for tobacco-pipes, cigar-

holders and cigarette-holders a lip having a series of ridges projecting therefrom said ridges forming a series of passages or channels between them and over the surface of
5 said lip substantially as set forth.

2. In mouthpieces for tobacco-pipes, cigar-holders and cigarette-holders having a "lip" formed with a slit through which the smoke enters the mouth, a series of ridges project-

ing from said "lip" and across said slit for 10 the purposes and substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES PETERSON.

Witnesses:

ALFRED H. KAPP,
J. M. THOMAS.