T. FOX.

CIGARETTE HOLDER.

APPLICATION FILED JULY 15, 1918.

1,290,960.

Patented Jan. 14, 1919.

Fig. 1.

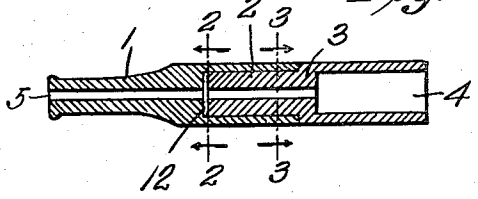



Fig. 2.

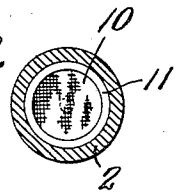



Fig. 3.

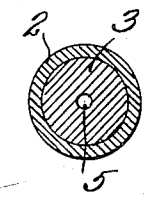



Fig. 4.

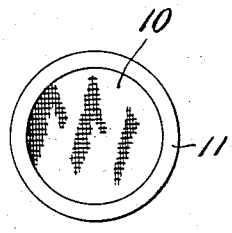



Fig. 5.




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# UNITED STATES PATENT OFFICE.

THOMAS FOX, OF BELFAST, IRELAND.

## CIGARETTE-HOLDER.

1,290,960. Specification of Letters Patent. Patented Jan. 14, 1919.

Application filed July 15, 1918. Serial No. 244,968.

*To all whom it may concern:*

Be it known that I, THOMAS FOX, a subject of the King of England, residing at Belfast, Ireland, have invented certain new and useful Improvements in Cigarette-Holders, of which the following is a specification.

This invention relates to tobacco, and more especially to a cigar and cigarette holder; and the object of the same is to insert a strainer or filter in the cigarette holder between the mouth piece and the cavity for receiving the cigarette. It is well known that the tobacco used in most cigarettes contains more or less of the oils which are objectionable and injurious to the human system, and this will be proven if the smoker blows some of the smoke through a handkerchief. I propose to use a filter or cleanser composed of linen, mounted within the cigarette holder so that the smoke as drawn into the mouth must pass through the same and therefore be cleansed or filtered before it reaches the mouth of the smoker.

Details will be set forth in the following specification, and attention is invited to the drawings wherein:—

Figure 1 is a central longitudinal sectional view of this device complete,

Figs. 2 and 3 are cross sections on the lines 2—2 and 3—3 respectively of Fig. 1,

Fig. 4 is an enlarged elevation of the filter, and

Fig. 5 is an enlarged sectional detail thereof.

The mouth piece is designated by the numeral 1, and at its front end it is bored out to produce a cavity 2. The holder is indicated by the numeral 3, its front end having a cavity 4 for the cigarette. Its rear end is reduced externally as shown, so as to pass into the cavity 2, or in other words the two parts are telescopically connected. The bore 5 runs through both parts along their axes. While I describe this device as applicable to a cigarette holder, obviously it might be used on a cigar holder or possibly on the stem of a pipe; but the important feature is that the article is in two parts telescoped together so that my improved filter or strainer may be used between them.

In Fig. 5 the numeral 10 designates a disk of fabric such as linen, and around its edge is a band 11 of mucilage which is permitted to harden. These little disks will be sold in boxes or packages by the hundred or thousand to smokers and they are intended for insertion between the two elements of the cigarette holder as indicated by the point 12 in Fig. 1 and as best seen in Fig. 2. For this purpose the two parts of the holder are drawn apart, the old disk slipped out and the cavity of the mouth piece washed, a new disk inserted, and the reduced inner end of the holder 3 shoved into the front portion of the mouth piece until the disk reaches the position indicated by the numeral 12 in Fig. 1. Thereafter when the user sucks on the mouth piece smoke is drawn from the cigarette or cigar along the bore 5, and it must of necessity pass through the linen or fabric 10 of the strainer. The heat and moisture softens the band 11 of mucilage, so that it is impossible for anything to get around the edge of the disk, even if the two parts of the device should slip a little out of their proper position as shown in Fig. 1. The oil of tobacco and other injurious and colorable substances which smoke contains are thus taken up by the fabric filter and retained, being strained out of the smoke so that they do not reach the mouth of the user.

The foregoing description and the drawings have reference to what may be considered the preferred, or approved, form of my invention. It is to be understood that I may make such changes in construction and arrangement and combination of parts, materials, dimensions, et cetera, as may prove expedient and fall within the scope of the appended claim.

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

As a new article of manufacture, the herein described smoke filter consisting of a disk of fabric of a size to be inserted in a holder for cigarettes and the like, and a gummy band around its periphery.

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

THOMAS FOX.

Witnesses:
ED. STALHAM,
M. COOPER.