

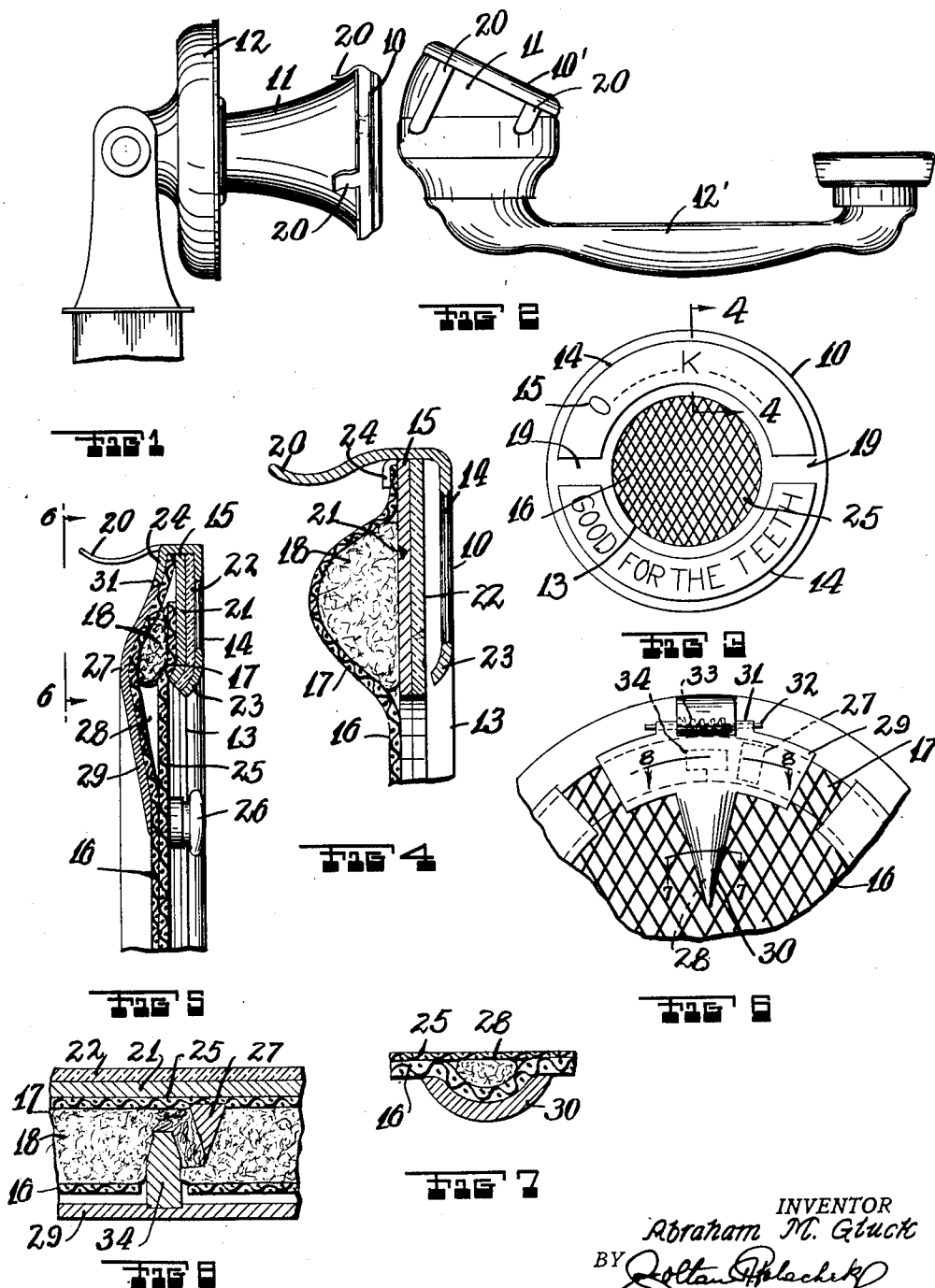
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TELEPHONE MOUTHPIECE PROTECTOR

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TELEPHONE MOUTHPIECE PROTECTOR

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This invention relates to new and useful improvements in an advertising sanitary telephone mouthpiece attachment.

The invention has for an object the provision of a device of the class mentioned which is of simple durable construction, dependable in use and efficient in action, and which can be manufactured and sold at a reasonable cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:—

Fig. 1 is a side elevational view of a telephone provided with the mouthpiece attachment.

Fig. 2 is a side elevational view of a French telephone provided with the same attachment.

Fig. 3 is a front elevational view of the attachment per se.

Fig. 4 is a fragmentary sectional view taken on the line 4—4 of Fig. 3.

Fig. 5 is a view similar to Fig. 4 but constructed according to a modified form of the invention.

Fig. 6 is an enlarged fragmentary detailed elevational view of the rear portion of Fig. 5 looking in the direction of the line 6—6.

Fig. 7 is a fragmentary sectional view taken on the line 7—7 of Fig. 6.

Fig. 8 is a fragmentary sectional view taken on the line 8—8 of Fig. 6.

The advertising sanitary telephone mouthpiece attachment comprises a casing 10 for engagement over the mouthpiece of a telephone and having a central opening 13 and advertising windows 14 around said opening 13, means for attaching said casing 10 upon a telephone, advertising means 15 behind said windows, wire mesh 16 extending over the rear of the casing 10 so as to cover said advertising means 15 and the central opening 13 in said casing and formed with an annular pocket 17 encircling said central opening

13, and disinfectant material 18 in said pocket 17.

The advertising sanitary telephone mouthpiece attachment shown in Figs. 5 to 8 inclusive comprises a casing 10 for engagement over the mouthpiece 11 of a telephone 12 and having a central opening 13 and advertising windows 14 around said opening 13, means for attaching said casing 10 upon a telephone, advertising means 15 behind said windows, wire mesh 16 extending over the rear of the casing 10 so as to cover said advertising means 15 and the central opening 13 in said casing and formed with an annular pocket 17 encircling said central opening 13, disinfectant material 18 in said pocket 17, and manual means for disturbing the disinfectant material for circulating it across the wire mesh 16 covering said central opening 13.

The casing 10 is of circular construction so as to fit upon the conventional circular mouthpiece of a telephone. It is shown substantially the same diameter as the mouthpiece so as to cover its entire front. It is of small thickness as clearly shown in Figs. 1 and 2. In Fig. 1 the attachment has been shown applied upon a conventional telephone. In Fig. 2 a French telephone has been illustrated indicated by reference numeral 12' and having a mouthpiece indicated by numeral 11'. The central opening 13 is for the passage of sound waves so that the user may talk into the mouthpiece in a conventional fashion. Two advertising windows 14 have been shown, namely an upper window and a lower window, and these windows are separated by straps 19.

The means for attaching said casing 10 upon a telephone is shown to comprise a plurality of spring clips 20 shaped so as to snap on over the mouthpiece. These spring clips necessarily must be quite resilient so that after snapping on they may be pulled off. While spring clips have been illustrated, other known means may be used for accomplishing the attaching. The advertising means 15 comprises a sign sheet 21 and a celluloid or other transparent sheet 22 over the sign sheet. These sheets are extended behind

the windows 14. The sheets 21 and 22 are of ring construction and have their outer diameters equal to the inner diameter of the casing so as to snugly fit within the casing and their inner diameters slightly smaller than the opening 13. The edges of the opening 13 indicated by reference numeral 23 are turned inwards so as to produce a finished edge. The wire mesh 16 has its edges terminating within the diameter of the casing 10 and the edges of the casing indicated by reference numeral 24 are turned inwards and clamped against the edges of the wire mesh for holding this part and the advertising parts in place.

The annular circular pocket 17 is formed by embossing the wire mesh 16 so as to present a bulged portion which projects from the rear of the advertising means 15 and produces the pocket. The disinfectant material 18 preferably should consist of soft cotton or other absorbent material placed within the pocket and saturated with some liquid disinfectant chemical. The means for disturbing the disinfectant material 18 for accomplishing the circulation comprises a wire mesh disc 25 positioned to the front of the wire mesh 16 and having its edges engaged between the pocket 17 and the sign element 21. A central handle 26 is attached upon the disc 25 so that it may be manually turned. A plurality of cams 27 project from the inner face of the disc 25 and extend into the pocket 17. A plurality of radial passages 28 communicate with the pocket 17 and extend towards the center of the wire mesh 16.

Rear shields 29 have curved portions for covering a large portion of the wire mesh bulged to form the pocket 17 and have pointed curved radial portions indicated by reference numeral 30 for covering the radial passages 28. These rear shields are hingedly connected at their rear ends 31 by pintle pins 32 onto the rear edge of the casing 10. A coaxial spring 33 is arranged upon each pintle pin 32 and acts between the shield members and the casing 10 for normally urging the shield members flat against the wire mesh 16. A cam 34 projects from each of the rear shields 29 and also extends into the pocket 17 and into the path of motion of the cams 27 when the disc 25 is rotated. The rear shields 29 may be pivoted up so as to expose portions of the cotton material within the pocket 17 so that liquid disinfectant may be split upon the cotton and thus the disinfectant be replenished. Occasionally whenever the user deems it necessary he rotates the handle 26 for moving the disc 25 and causing the cams 27 to ride under the cams 34 so as to momentarily slightly lift the rear shields 29 rearwards and then release the shields so that the springs 33 may smartly snap the rear shields back against the wire mesh. This disturbance fans the

contained fumes from the cotton within the pocket 17 through the passages 28 and thus serves to disinfect the wire mesh 16 and 25 through which one talks.

Telephones as generally constructed have mouthpieces into which various people talk. The breath from such persons condenses within the mouthpiece and covers them with a wet film. This is a very good breeding place for germs and presents an unsanitary condition. Careful persons necessarily dislike this condition and normally may use the instant attachment for obviating it. When persons talk through the wire mesh of the instant attachment and cause the same to become damp, it will not be a breeding place for germs in that the disinfectant immediately destroys any such life.

While I have shown and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. An advertising sanitary telephone mouthpiece attachment, comprising a casing for engagement over the mouthpiece of a telephone and having a central opening and advertising windows around said opening, means for attaching said casing upon the telephone, advertising means behind said windows, wire mesh extending over the rear of said casing so as to cover said advertising means and the central opening in said casing and formed with an annular pocket encircling said central opening, disinfectant material in said pocket, and manual means for disturbing the disinfectant material for circulating it across the wire mesh covering said central opening.

2. An advertising sanitary telephone mouthpiece attachment, comprising a casing for engagement over the mouthpiece of a telephone and having a central opening and advertising windows around said opening, means for attaching said casing upon the telephone, advertising means behind said windows, wire mesh extending over the rear of said casing so as to cover said advertising means and the central opening in said casing and formed with an annular pocket encircling said central opening, disinfectant material in said pocket, and manual means for disturbing the disinfectant material for circulating it across the wire mesh covering said central opening, said advertising windows being separated from each other by strips constituting portions of the casing.

3. An advertising sanitary telephone mouthpiece attachment, comprising a casing for engagement over the mouthpiece of a

telephone and having a central opening and advertising windows around said opening, means for attaching said casing upon the telephone, advertising means behind said windows, wire mesh extending over the rear of said casing so as to cover said advertising means and the central opening in said casing and formed with an annular pocket encircling said central opening, disinfectant material in said pocket, and manual means for disturbing the disinfectant material for circulating it across the wire mesh covering said central opening, said means for attaching the casing upon a telephone comprising spring clips projecting from the casing and capable of snapping upon the mouthpiece of the phone.

4. An advertising sanitary telephone mouthpiece attachment, comprising a casing for engagement over the mouthpiece of a telephone and having a central opening and advertising windows around said opening, means for attaching said casing upon the telephone, advertising means behind said windows, wire mesh extending over the rear of said casing so as to cover said advertising means and the central opening in said casing and formed with an annular pocket encircling said central opening, disinfectant material in said pocket, and manual means for disturbing the disinfectant material for circulating it across the wire mesh covering said central opening, said advertising means comprising a sign element covered by a celluloid or other transparent material element and supported behind said windows.

5. An advertising sanitary telephone mouthpiece attachment, comprising a casing for engagement over the mouthpiece of a telephone and having a central opening and advertising windows around said opening, means for attaching said casing upon the telephone, advertising means behind said windows, wire mesh extending over the rear of said casing so as to cover said advertising means and the central opening in said casing and formed with an annular pocket encircling said central opening, disinfectant material in said pocket, and manual means for disturbing the disinfectant material for circulating it across the wire mesh covering said central opening, the edges of said casing being turned rearwards and accomplish the supporting of the wire mesh and the advertising means within the casing.

6. An advertising sanitary telephone mouthpiece attachment, comprising a casing for engagement over the mouthpiece of a telephone and having a central opening and advertising windows around said opening, means for attaching said casing upon the telephone, advertising means behind said windows, wire mesh extending over the rear of said casing so as to cover said advertising means and the central opening in said cas-

ing and formed with an annular pocket encircling said central opening, disinfectant material in said pocket, and manual means for disturbing the disinfectant material for circulating it across the wire mesh covering said central opening, said disinfectant material comprising an absorbent material saturated with a liquid disinfectant.

7. An advertising sanitary telephone mouthpiece attachment, comprising a casing for engagement over the mouthpiece of a telephone and having a central opening and advertising windows around said opening, means for attaching said casing upon the telephone, advertising means behind said windows, wire mesh extending over the rear of said casing so as to cover said advertising means and the central opening in said casing and formed with an annular pocket encircling said central opening, disinfectant material in said pocket, and manual means for disturbing the disinfectant material for circulating it across the wire mesh covering said central opening, comprising a wire mesh disc rotatively supported above said wire mesh material, cams projecting from said disc, rear shields pivotally mounted to the rear of said wire mesh and resiliently urged against the wire mesh, and cams upon the rear shields engageable by the cams on the wire mesh disc so that when the disc is turned the shields move away and then smartly strike the said wire mesh.

8. An advertising sanitary telephone mouthpiece attachment, comprising a casing for engagement over the mouthpiece of a telephone and having a central opening and advertising windows around said opening, means for attaching said casing upon the telephone, advertising means behind said windows, wire mesh extending over the rear of said casing so as to cover said advertising means and the central opening in said casing and formed with an annular pocket encircling said central opening, and disinfectant material in said pocket.

In testimony whereof I have affixed my signature.

ABRAHAM M. GLUCK.

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