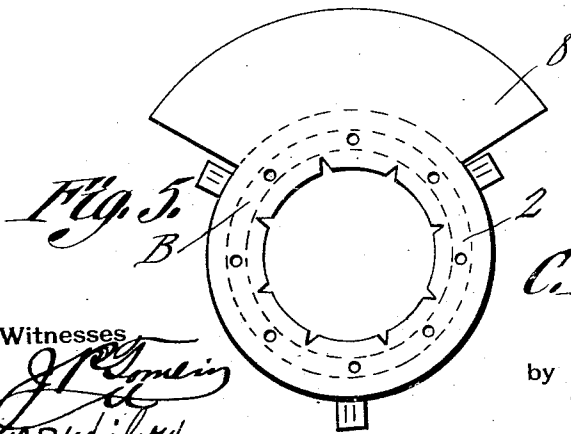
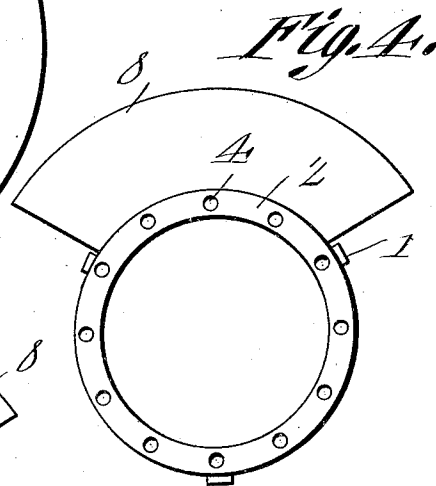
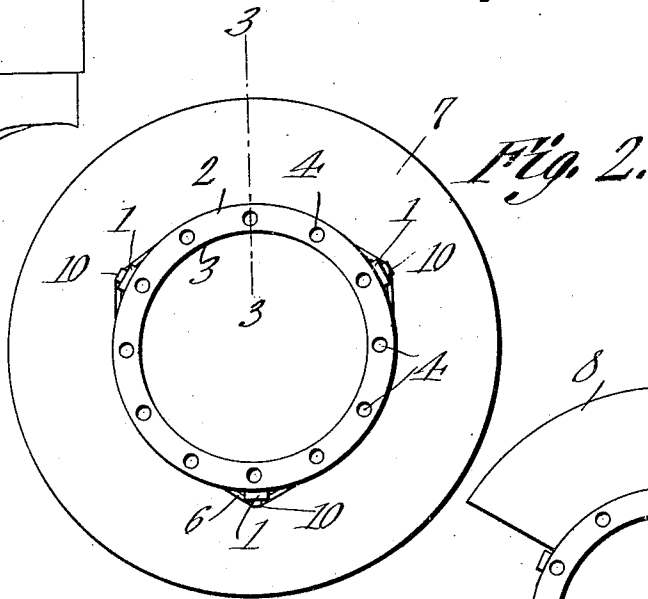
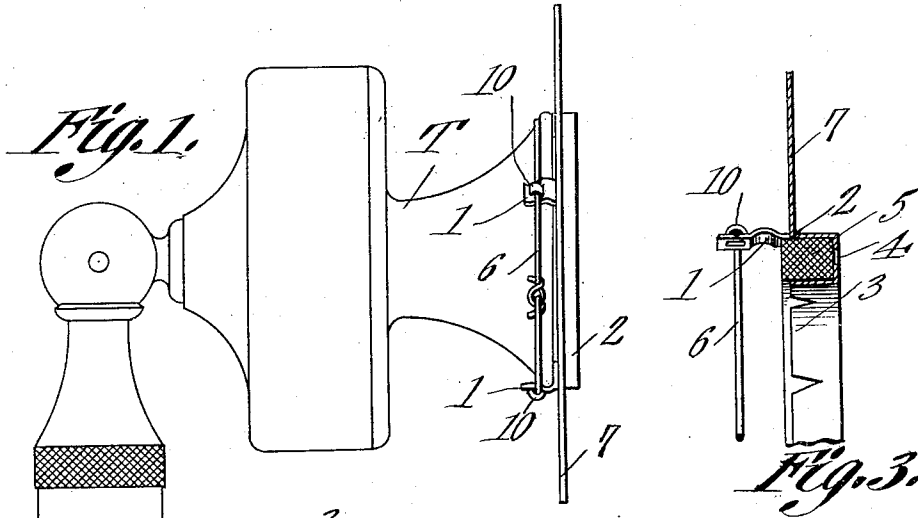


C. R. PHILLIPS.
 TELEPHONE ATTACHMENT.
 APPLICATION FILED SEPT. 23, 1912.

Patented Mar. 11, 1913.

1,055,555.



Witnesses
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UNITED STATES PATENT OFFICE

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TELEPHONE ATTACHMENT.

1,055,555.

Specification of Letters Patent.

Patented Mar. 11, 1913.

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To all whom it may concern:

Be it known that I, CHARLES R. PHILLIPS, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, have invented a new and useful Telephone Attachment, of which the following is a specification.

The present invention relates to improvements in telephone attachments, the primary object of the present invention being the provision of a novel form of disinfectant carrying means adapted to be disposed upon the rim of the transmitter tube, the same being so constructed as not to interfere with the admission of sound waves to the diaphragm of the transmitter but at the same time provide a means to permit the effusion of a disinfectant both exteriorly and interiorly of the tube, thus providing a means which overcomes the disagreeable odors attendant to the use of transmitter tubes by many persons.

A further object of the present invention is the provision of a novel form of attachment which is readily secured in place upon the rim of the tube and which may be very quickly removed for renewal of the disinfectant and absorbent material.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawings—Figure 1 is a side elevation of a complete transmitter with the device attached thereto. Fig. 2 is a plan view of the device as shown in Fig. 1. Fig. 3 is a section taken on line 3—3 of Fig. 2. Fig. 4 is a plan view of a modified form of attachment. Fig. 5 is a plan view of the blank used for constructing the form as shown in Fig. 4.

Referring to the drawings, T designates the transmitter tube, upon whose rim is adapted to be snapped, the spring terminals 1 of the attachment, said terminals being formed integral with the body portion 2 which is preferably made from a single sheet of metal and bent to form the annular receptacle 3 with the flat portions beyond

and parallel with the rim of the tube and provided with the apertures 4 to permit of the effusion of the liquid disinfectant contained or held in suspension within the absorbent ring 5, all as clearly shown in Fig. 3.

Each of the spring arms 1 is provided with the depressed portions or eyes 10, through which is threaded a flexible connection such as 6, which provides a means to fixedly yet detachably connect the attachment to the tube, said flexible connection 6 assuming the position as shown in Fig. 1.

Formed integral with the rim 2, as shown in Figs. 1, 2 and 3, is an annular plate or disk 7, which is adapted to have displayed thereon advertisements and which also acts as a deflecting medium to assist in the concentration of the sound waves within the tube T.

In the form of attachment as shown in Figs. 4 and 5, a single blank of metal B is employed, and the same is stamped to provide the annular rim 2 which is constructed similarly to that shown in Fig. 3, with the usual clamp 1, while instead of having an annular disk 7, a segmental disk 8 which is a portion of the blank, as clearly shown in Fig. 5, is bent to assume the position as shown in Fig. 4, and which in reality if cut in section, would be shown similarly to that shown in Fig. 3.

The disks 7 and 8, have printed or otherwise displayed thereupon advertising matter, and as the device is exceedingly cheap of manufacture, it may be given away to be used upon telephones and display the advertisement of the donor. It is also evident that other materials than metal may be used as the device may be molded or stamped from paper, papier mâché or similar materials.

From the foregoing description, taken in connection with the drawings, it is evident that an attachment made according to the present invention, is very simple and cheap to construct, and by reason of the spring clamps 1 and the wire 6, the same is readily attached to the tube T. By providing the receptacle 2 open upon inner side, the absorbent ring 5 is readily inserted, and its inner face when the device is in the position as shown in Fig. 1, is clamped against the rim of the tube T, and thereby provides a cushioning means at such point and a means to limit the seating of the portion 2 upon

such rim. The absorbent ring 5 also provides means to prevent to a certain extent the chipping of the contacted rim of the transmitter tube and cushionedly supports the annular member thereupon.

What is claimed is:

1. In a telephone attachment, an annular ring providing an inwardly open ended annular receptacle for registration with the rim of a transmitter tube, a plurality of clamps carried thereby for embracing the rim of the tube, an absorbent ring carried within the receptacle and for engagement with the rim of the transmitter tube to carry a disinfectant and to protect the rim against chipping, and a flexible connection for surrounding the tube and engaging the clamps to lock the annular ring upon the transmitter tube.
2. In a telephone attachment, an annular ring providing an inwardly open ended annular receptacle for registration with the rim of a transmitter tube, a plurality of clamps

carried thereby for embracing the rim of the tube, an absorbent ring carried within the receptacle and for engagement with the outer face of the rim of the transmitter tube, a flexible connection for surrounding the tube and in engagement with the clamps, and a sound wave deflector member carried by the annular member.

3. A transmitter mouth piece attachment blank made from a single sheet of metal and cut to form a flat ring, a plurality of radially disposed tangs extending from the periphery thereof, and a segmental plate extending from the periphery of the ring between two of the tangs.

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

CHARLES R. PHILLIPS.

Witnesses:

EMMETT D. FARMER,

WILLIAM F. HENDRICKS.

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