No. 868,544. PATENTED OCT. 15, 1907.

J. A. GORDON.

TELEPHONE ATTACHMENT.

APPLICATION FILED FEB. 1, 1907.

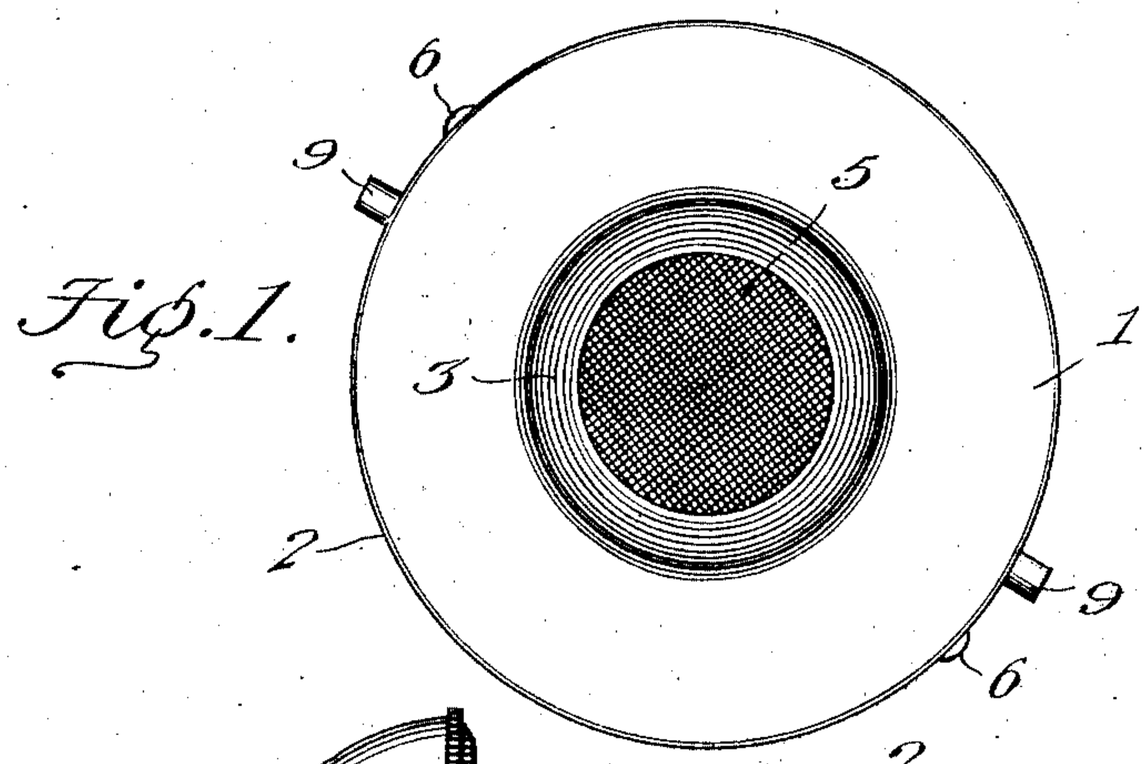

Fig. 1.

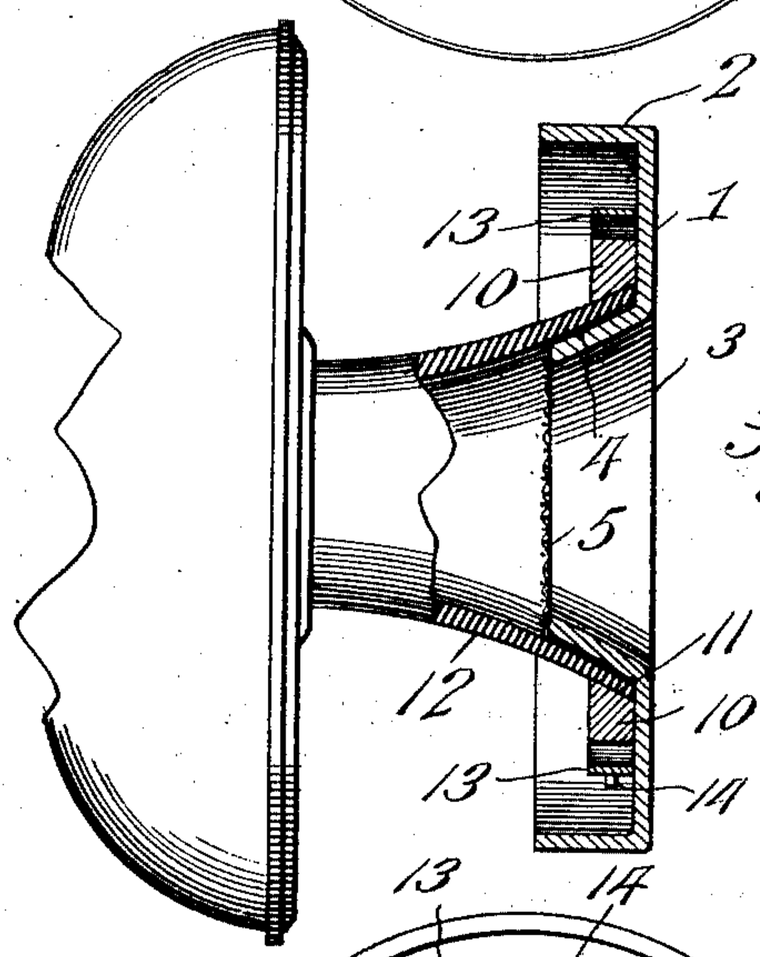

Fig. 2.

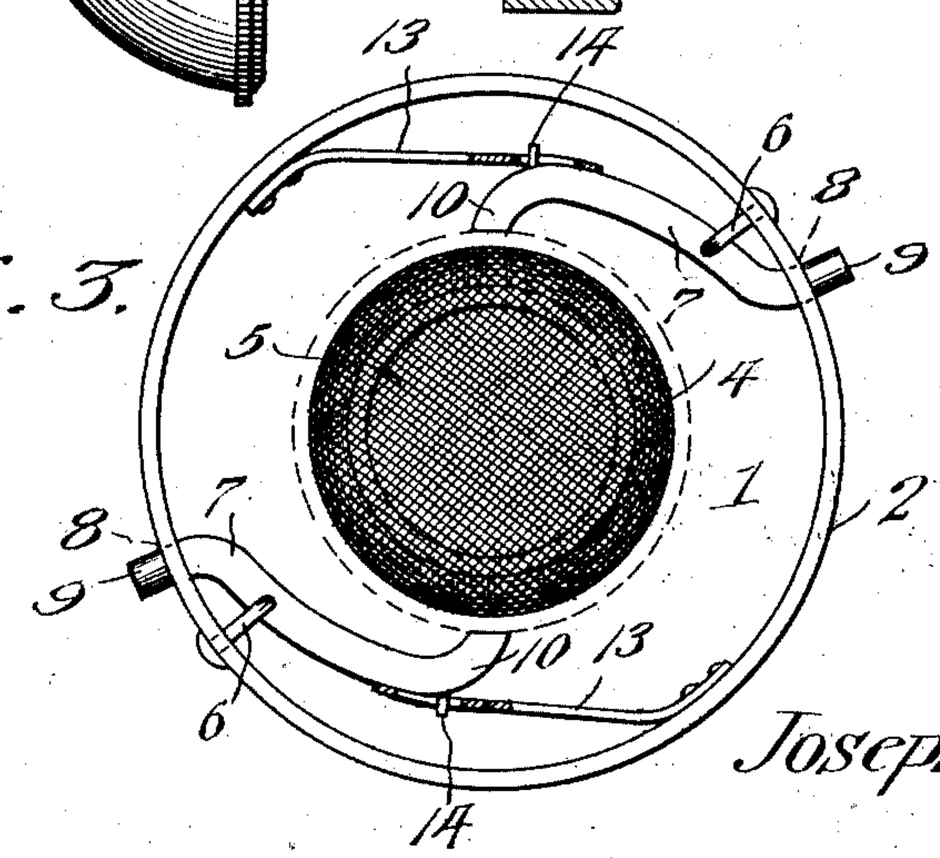

Fig. 3.

Witnesses
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TELEPHONE ATTACHMENT.

No. 868,544. Specification of Letters Patent. Patented Oct. 15, 1907.

Application filed February 1, 1907. Serial No. 355,253.

To all whom it may concern:

Be it known that I, JOSEPH A. GORDON, a citizen of the United States, residing at Shawnee, in the county of Pottawatomie and Territory of Oklahoma, have invented new and useful Improvements in Telephone Attachments, of which the following is a specification.

The invention relates to improvement in telephone attachments, comprehending specifically an auxiliary mouth piece designed to be applied to the mouth piece of a transmitter of an ordinary telephone for individual use.

The main object of the invention is the provision of an independent mouth-piece constructed for ready application to and removal from a telephone transmitter to provide for its individual use by the owner to protect him from possibility of diseased communication incident to the use of the usual mouth-piece.

The preferred details of construction will be described in the following specification, reference being had to the accompanying drawings, in which:—

Figure 1 is a view in front elevation of my improved mouth-piece. Fig. 2 is a vertical sectional view, part in elevation, illustrating the application of the improvement. Fig. 3 is a rear elevation of the improved mouth-piece, the relative position of the telephone mouth piece being shown in dotted outline.

Referring to the drawings my improved mouth-piece comprises a disk 1, which may be constructed of any substantial material, and is preferably formed with a peripheral flange 2 to support the transmitter mouth piece engaging means. The disk 1 is formed with a central opening 3 corresponding in size to the mouth of the usual transmitter, the edge of said opening being formed with an inturned flange 4 arranged at an incline to the plane of the disk. The opening formed by the inner or free edge of the flange 4 is bridged or covered by a section of screen cloth 5, the marginal edges of which are disposed on the relatively outer surfaces of the flange 4 and secured thereto. The screen cloth 5 may if desired be impregnated with a suitable antiseptic lotion, though this is not absolutely essential for the purposes of the invention.

At diametrically opposite points the marginal flange 2 of the mouth-piece is provided with fulcrum pins 6, in each of which is a pivotally mounted lever 7. The levers are of identical construction being in gradual curved form longitudinally, having one end projected through an opening 8 in the flange 2 to provide a push pin 9, the opposite end of the lever being inturned to provide a bearing or clamping end 10. The free extremity of the end 10 is inclined as at 11 to bear throughout its width on the outer surface of the transmitter tube 12, which is constructed to provide the usual flare. Springs 13 are secured to the inner surface of the marginal flange 2 with their free ends projected to bear upon the lever 7 above the clamping end 10, said levers being preferably provided with retaining pins 14 to prevent accidental disengagement of the springs.

In use the auxiliary mouth-piece is applied directly to the end of the mouth tube of the transmitter, the push pins 9 being pressed upon to cause a relatively outer movement of the clamping end 10 of the lever 7. In this position the flange 4 of the mouth-piece is inserted within the tube 12 until the disk 1 bears against the free edge of said tube. Pressure upon the pins 9 is released permitting the springs 13 to force the clamping ends of the levers into coöperative engagement with the relatively outer surface of the tube 12, thereby securing the mouth-piece in applied position convenient for use.

The object of this invention is to provide an auxiliary mouth-piece designed for ready application to the mouth tube of a telephone transmitter, the mouth-piece being readily removable to provide for the owner applying the individual mouth-piece when he desires to use the telephone. As the structure described provides a device which may be readily carried by the user it is obvious that I thereby enable each individual user of a telephone to carry and make use of his own mouth-piece when using a telephone, thereby reducing to a minimum if not actually preventing that possibility of diseased contamination ordinarily incident to the general use of a telephone transmitter by a number of persons.

While preferring the parts to be constructed of metal, it is obvious that the use of any material having sufficient rigidity to support the parts described would be serviceable, and I therefore contemplate the use of any material and the particular arrangement of the coöperating parts of the mouth-piece to conform to any of the accepted types of telephone transmitters to be used.

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

1. An auxiliary mouth-piece for telephones comprising a disk formed with a central opening and with a marginal flange, an inclined flange projecting from the disk in alinement with the wall of the opening, a screen covering for the inner edge of said inclined flange, and locking levers carried by the marginal flange.

2. An auxiliary mouth-piece for telephones comprising a disk formed with a central opening and with a marginal flange, an inclined flange projecting from the disk in alinement with the wall of the opening, a screen covering for the inner edge of said inclined flange, and locking levers carried by the marginal flange, said levers being formed with inclined clamping ends, and being terminally projected beyond the marginal flange to provide push pins.

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

JOSEPH A. GORDON.

Witnesses:
JAS. A. MARTIN,
G. C. ABERNATHY.