

No. 790,952.

PATENTED MAY 30, 1905.

J. M. CARRÈRE.
TELEPHONE MOUTHPIECE PROTECTOR.
APPLICATION FILED SEPT. 12, 1904.

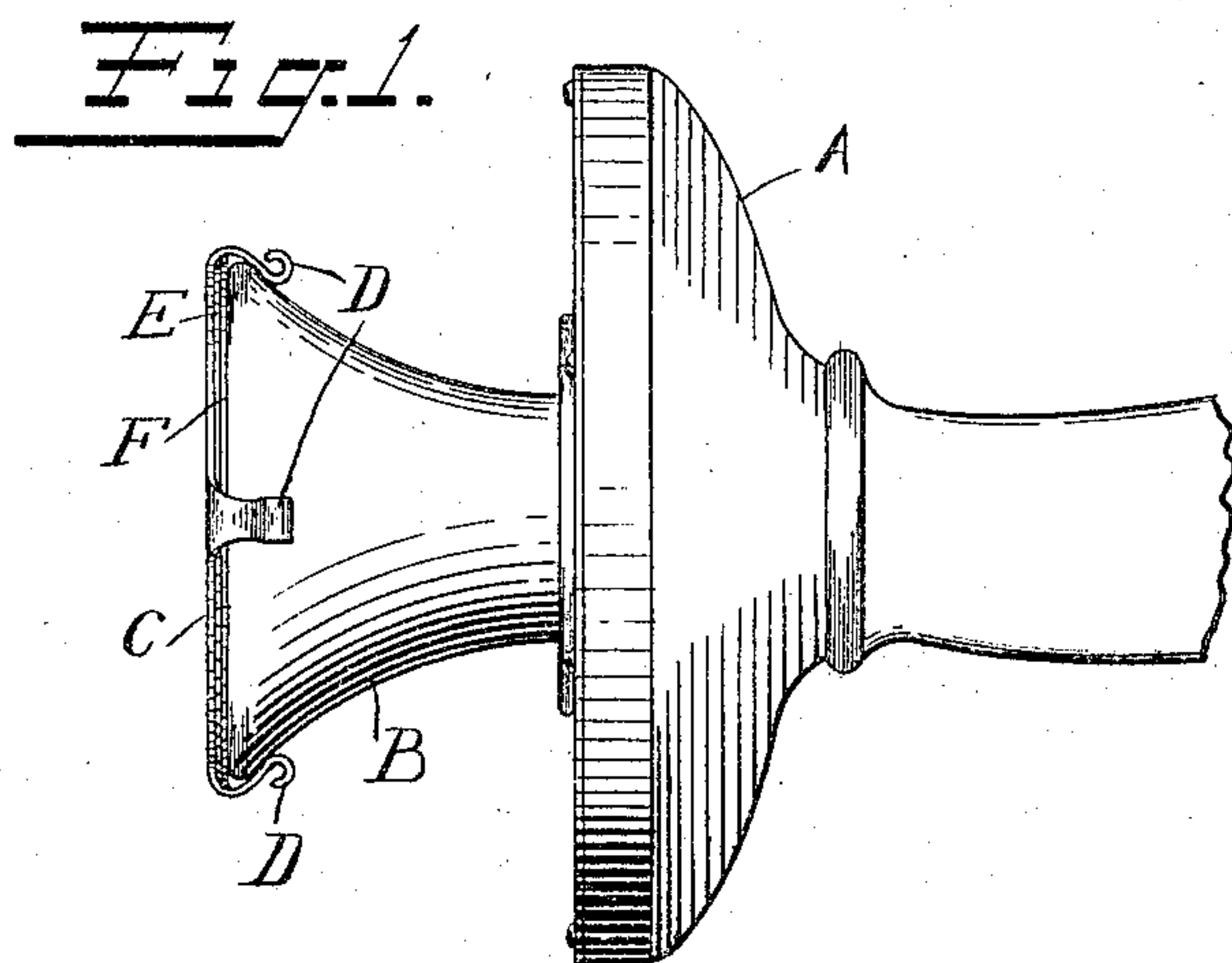


Fig. 2.

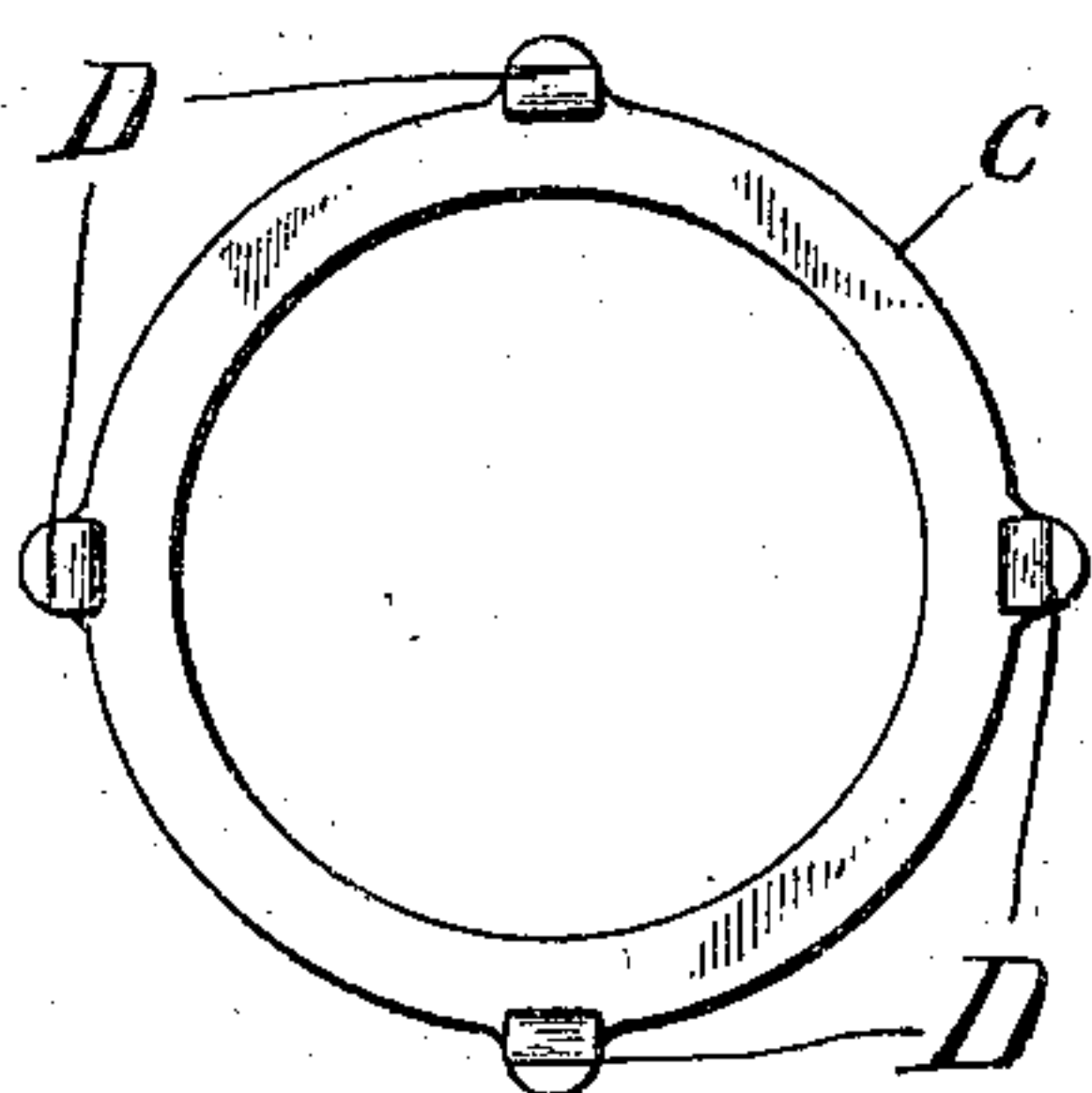


Fig. 3.

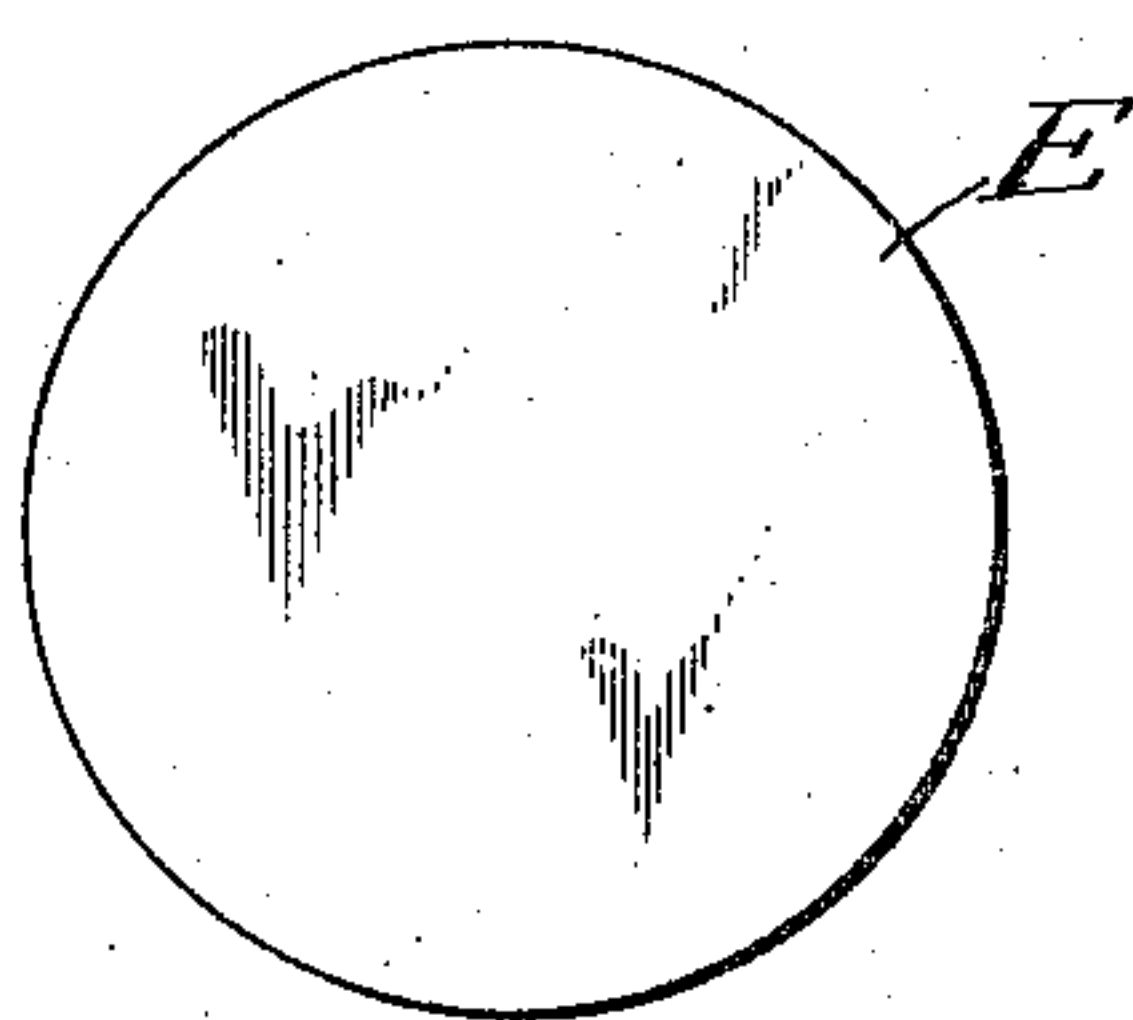
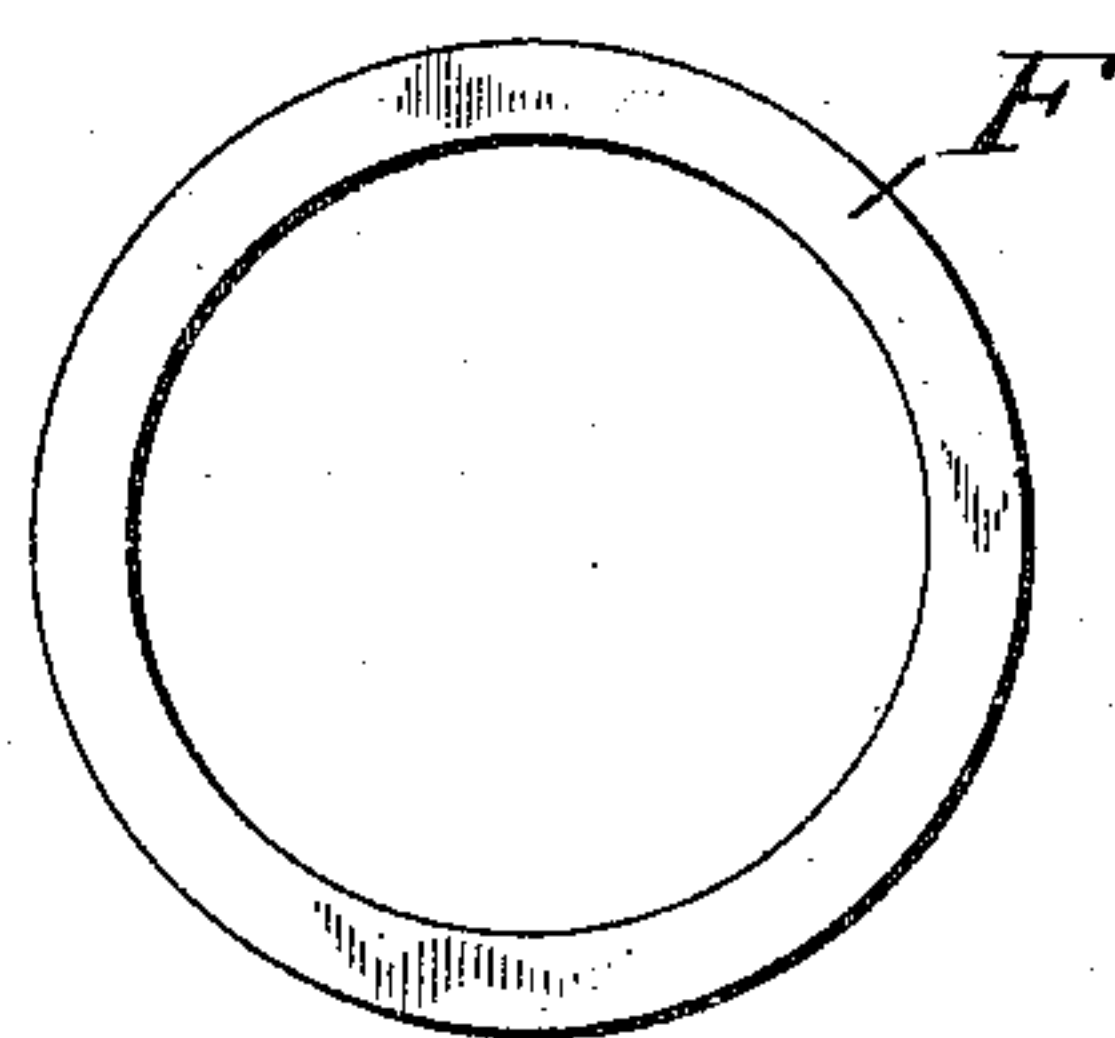


Fig. 4.



Witnesses
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JOSEPH MAXWELL CARRÈRE, OF ALLENTOWN, PENNSYLVANIA.

TELEPHONE-MOUTHPIECE PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 790,952, dated May 30, 1905.

Application filed September 12, 1904. Serial No. 224,104.

To all whom it may concern:

Be it known that I, JOSEPH MAXWELL CARRÈRE, a citizen of the United States, residing at Allentown, in the county of Lehigh, State of Pennsylvania, have invented certain new and useful Improvements in Telephone-Mouthpiece Protectors, of which the following is a full, clear, and exact description.

My invention relates to protectors for telephone-mouthpieces, and has for its object to provide a simple and effective means for so protecting the mouthpiece that the speaker will be shielded from the dust or other accumulations therein and the mouthpiece will be shielded from moisture and other matter which may be ejected by the speaker when talking. It is a simple removable self-contained device possessing a removable diaphragm. It does not interfere in any way with the transmission of sound, but rather assists in the correct use of the transmitter by preventing the speaker from getting too near the mouthpiece.

The following is a description of my invention, reference being had to the accompanying drawings, in which—

Figure 1 represents a side elevation of a telephone-transmitter with my attachment thereon. Fig. 2 is a plan view of the holding element of my device. Fig. 3 is a plan view of the diaphragm of my device. Fig. 4 is a plan view of the retaining-ring of my device.

Referring more particularly to the drawings, A represents the ordinary transmitter. B is the mouthpiece.

C is the holding member of my protector, consisting of a ring with means, such as spring-lugs D D, thereon for engaging with the mouthpiece.

E is a diaphragm, preferably of paper, though it may be of any other suitable substance that can be easily renewed and will readily transmit the sound-waves.

F is a retaining-ring which is held in place by the lugs D D and holds in place the diaphragm E, which lies between it and the annular portion of the member C, so that when the protector is removed from the mouthpiece it constitutes a complete self-contained structure.

In the use of my device a diaphragm E is placed upon the holding member C within the lugs D D, and the ring F is then forced in so as to hold it in position. The lugs are then forced over the edge of the mouthpiece and the device firmly held in proper position thereby. By removing the ring F the diaphragm can be easily removed and a new one inserted when desired.

My invention by reason of its simplicity and self-contained character constitutes an improvement over other protectors heretofore suggested and has been found to accomplish results long desired.

What I claim is—

1. In a telephone-mouthpiece protector, the combination of a holding member, a diaphragm and a retaining-ring, means being provided for clamping said holding member to said mouthpiece.

2. In a telephone-mouthpiece protector, the combination of a holding member, a diaphragm and a retaining-ring, means being provided for clamping said holding member to said mouthpiece, said means being also adapted to hold said retaining-ring to the holding member independently of said mouthpiece.

3. In a telephone-mouthpiece protector, the combination of an annular holding member having spring-lugs, a diaphragm within said lugs, said lugs being adapted to engage the mouthpiece and secure said holding member thereto, and means for holding the diaphragm in position within said lugs independently of the mouthpiece.

4. In a telephone-mouthpiece protector, the combination of an annular holding member having spring-lugs, a diaphragm and a ring both within said lugs, said lugs being adapted to hold said ring in position and also to engage said mouthpiece and hold said member thereon.

Signed at Allentown, Pennsylvania, this 9th day of September, 1904.

JOSEPH MAXWELL CARRÈRE.

Witnesses:

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