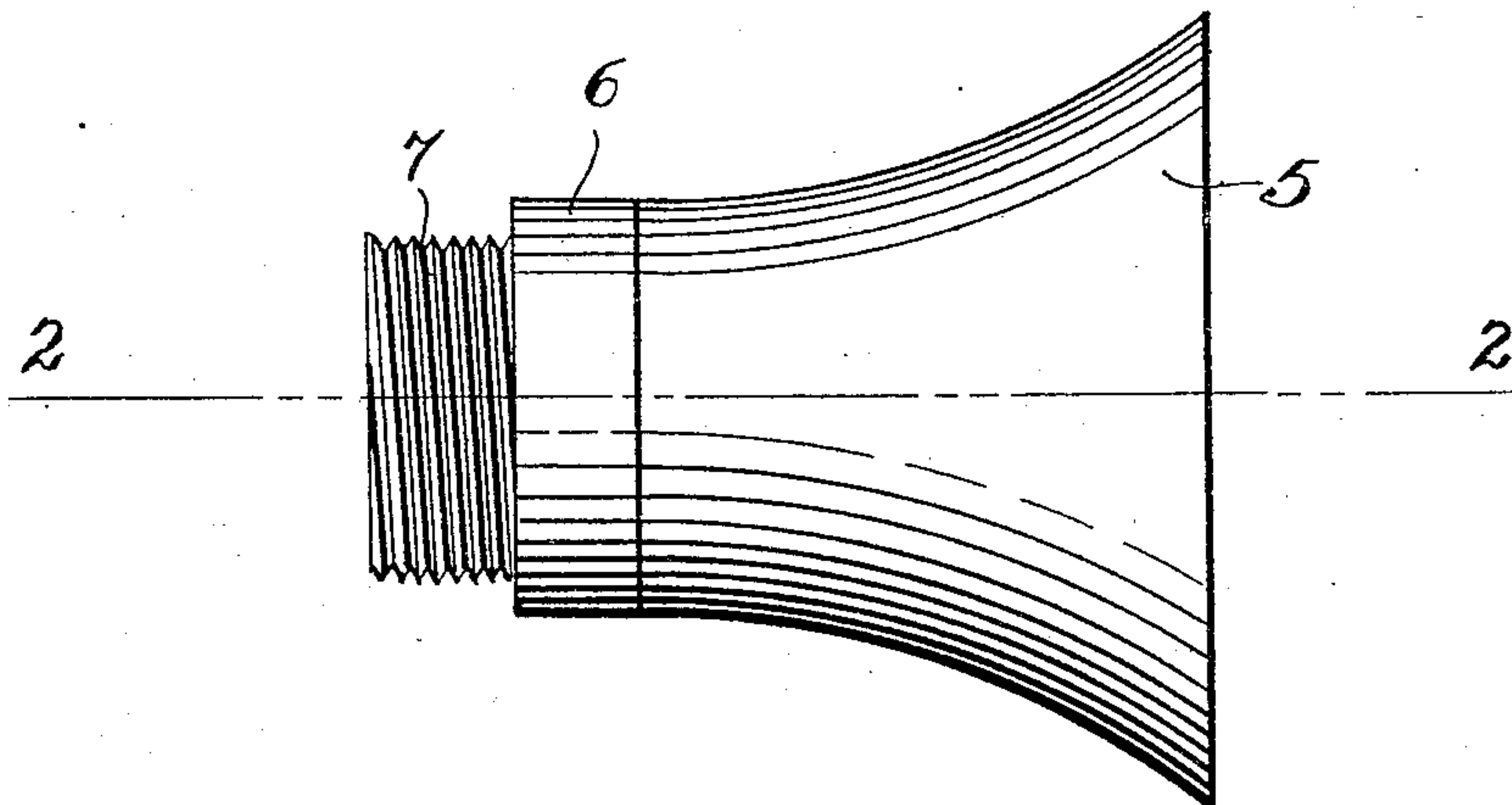


R. E. MILLER.  
TELEPHONE TRANSMITTER MOUTHPIECE.  
APPLICATION FILED SEPT. 24, 1908.

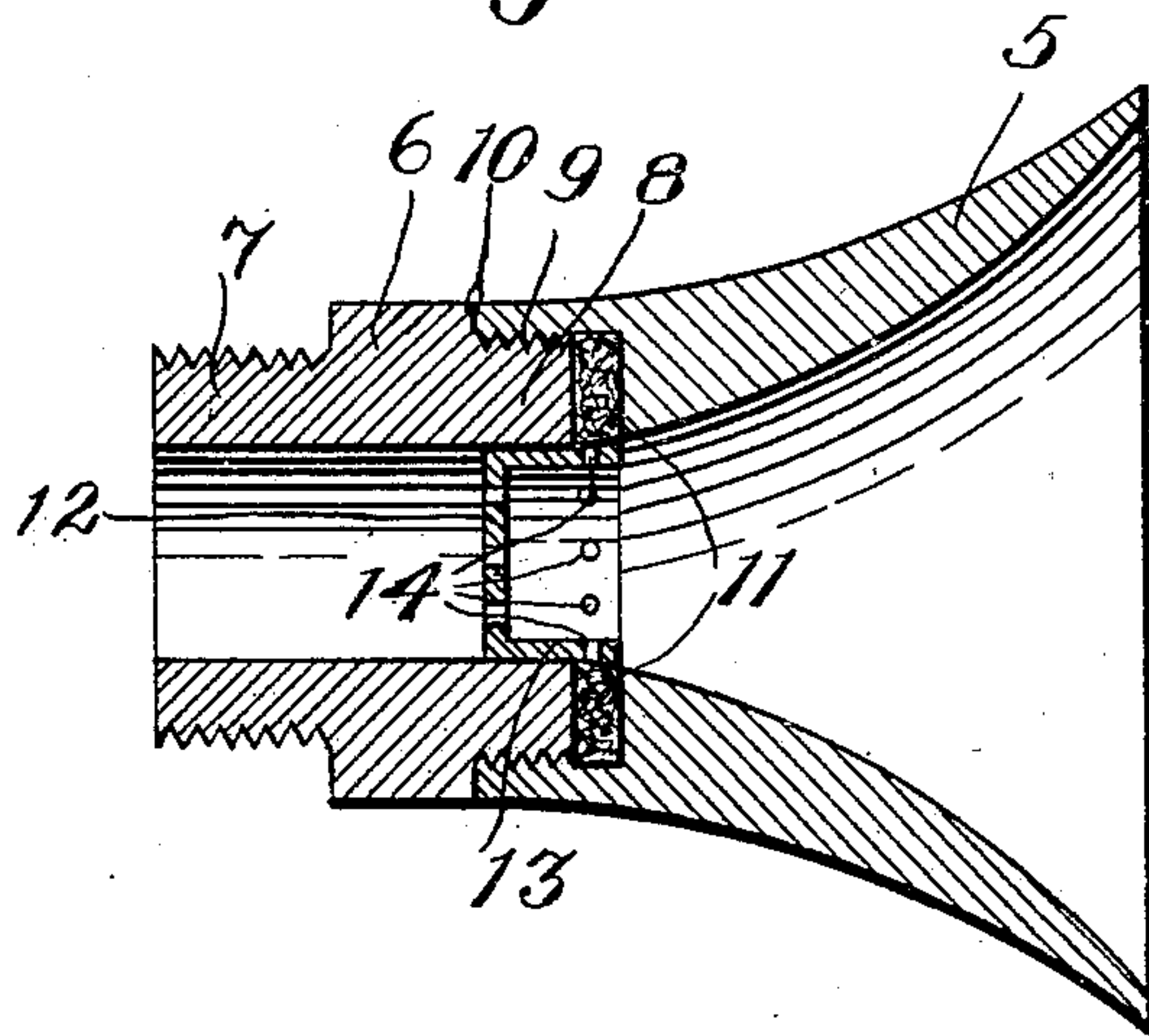
931,452.

Patented Aug. 17, 1909.

*Fig. 1.*



*Fig. 2.*



Witnesses  
Albert L. Key  
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Inventor  
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# UNITED STATES PATENT OFFICE.

ROBERT E. MILLER, OF DAYTON, TERRITORY OF NEW MEXICO.

## TELEPHONE-TRANSMITTER MOUTHPIECE.

No. 931,452.

Specification of Letters Patent.

Patented Aug. 17, 1909.

Application filed September 24, 1908. Serial No. 454,602.

*To all whom it may concern:*

Be it known that I, ROBERT E. MILLER, a citizen of the United States, residing at Dayton, in the county of Eddy, Territory of New Mexico, have invented certain new and useful Improvements in Telephone-Transmitter Mouthpieces; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to telephone-transmitter mouthpieces, and has for its object to provide means for disinfecting the same, and to this end the invention consists of a novel combination and arrangement of parts to be hereinafter described and claimed.

In the accompanying drawing, Figure 1 is an elevation of the mouthpiece. Fig. 2 is a longitudinal section on the line 2—2 of Fig. 1.

As shown in the drawing, the mouthpiece is in two sections indicated at 5 and 6, respectively, the former being flared as usual and forming the mouthpiece proper. The section 6 is formed with reduced end portions 7 and 8, respectively, which are threaded. The portion 7 serves to attach the mouthpiece to the transmitter case, and the portion 8 serves to connect the sections 5 and 6. The inner end of part 5 is counterbored and screw-threaded as indicated at 9, to screw on the end portion 8. The end portion 8 forms a shoulder 10 on the section 6, against which the inner end of the section 5 abuts. The inner end of the counterbore 9 does not abut against the end of section 6, whereby an annular space is formed therebetween to receive a pad 11 to which a suitable disinfectant has been applied. On the usual screen 12 of the mouth-

piece is a narrow flange 13 which fits over the space or groove which receives the pad 11, and serves to hold the latter in place in said groove. In the flange 13 are perforations 14 to permit the escape into the mouthpiece of the vapor or odor of the disinfectant.

The mouthpiece herein described is simple in construction and can therefore be as cheaply produced as the ordinary mouthpiece. The parts can be readily separated for cleaning the same, or for renewing the disinfectant pad, and the mouthpiece can be kept at all times in sanitary condition, and by its use all danger from contagious disease germs is eliminated.

What I claim is:

1. A telephone-transmitter mouthpiece comprising separable sections, one of said sections having a counterbore, and the other section having a reduced end portion entering the counterbore and spaced from the end thereof, a disinfecting material in the space between the end section and the end of the counterbore, and a screen over said space.

2. A telephone-transmitter mouthpiece comprising separable sections, one of said sections having a counterbore, and the other section having a reduced end portion entering the counterbore and spaced from the end thereof, a disinfecting material in the space between the end section and the end of the counterbore, and a screen across said mouthpiece provided with an annular perforated flange extending over said space.

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

ROBERT E. MILLER.

Witnesses:

ARNA TALBERT,  
CAPTHULA BERRY.