

No. 774,929.

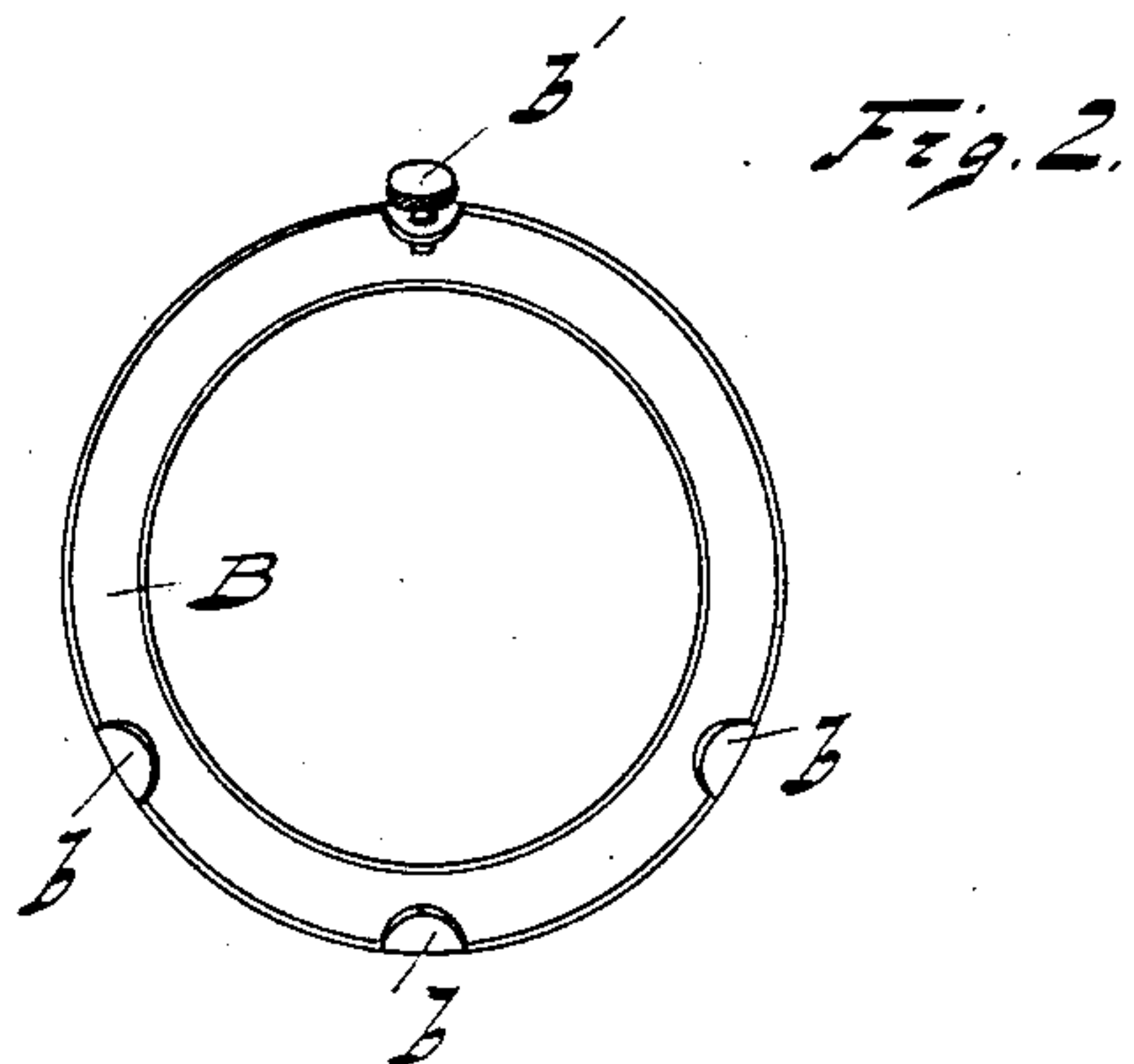
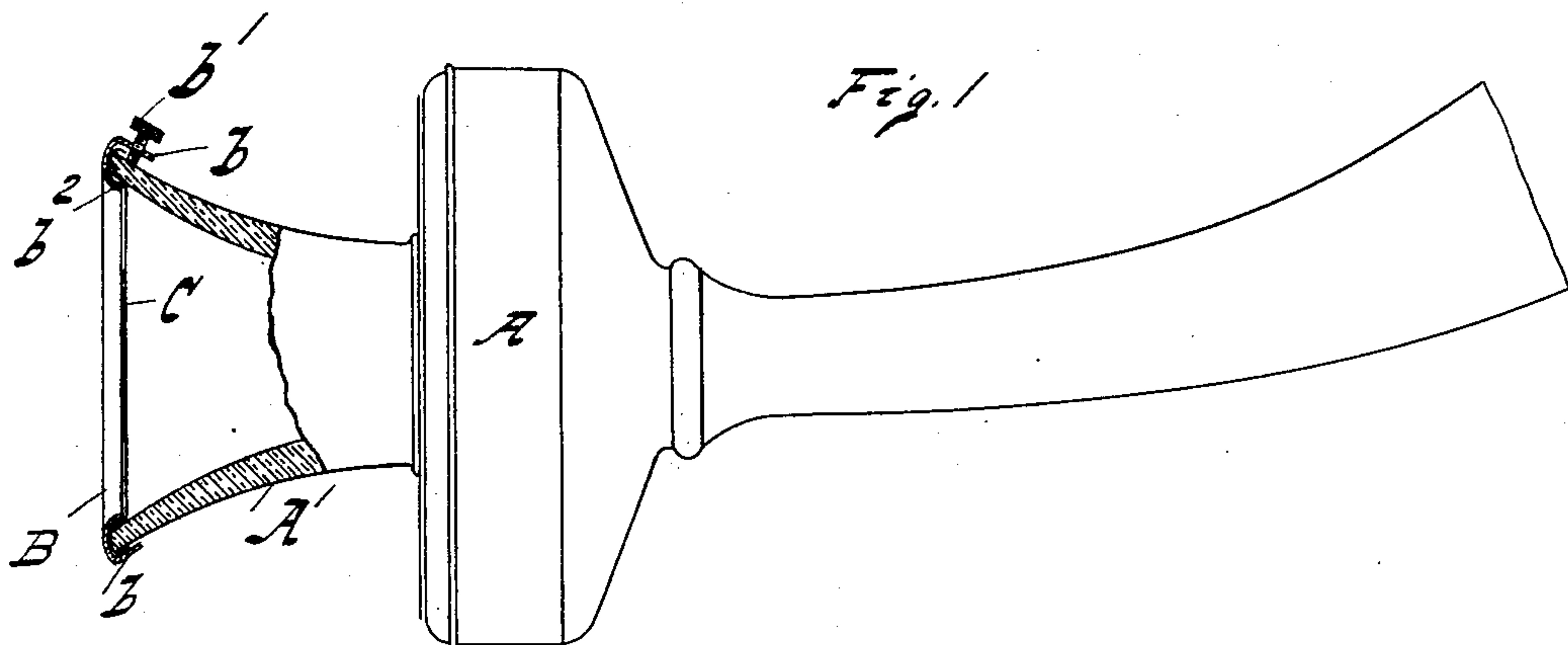
PATENTED NOV. 15, 1904.

W. M. BASHLIN.

PROTECTING DIAPHRAGM FOR TELEPHONE TRANSMITTERS.

APPLICATION FILED OCT. 28, 1903.

NO MODEL.



Witnesses  
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## UNITED STATES PATENT OFFICE.

WILLIAM M. BASHLIN, OF WARREN, PENNSYLVANIA.

## PROTECTING-DIAPHRAGM FOR TELEPHONE-TRANSMITTERS.

SPECIFICATION forming part of Letters Patent No. 774,929, dated November 15, 1904.

Application filed October 28, 1903. Serial No. 178,953. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM M. BASHLIN, a citizen of the United States, residing at Warren, in the county of Warren and State of Pennsylvania, have invented new and useful Improvements in Protecting-Diaphragms for Telephone-Transmitters, of which the following is a specification.

This invention relates to protecting-diaphragms for telephone-transmitters; and it consists in certain improvements in the construction thereof, as will be hereinafter fully described, and pointed out in the claims.

The invention is illustrated in the accompanying drawings as follows.

Figure 1 shows a side elevation of a telephone-transmitter, part of the mouthpiece being broken away to better show construction; Fig. 2, a plan view of the attaching-ring.

A marks the telephone-transmitter; A', the mouthpiece. A diaphragm C is secured over the opening in the mouthpiece by a ring B. The ring B is provided with lugs b, which are bent inwardly for engaging the edge of the mouthpiece. One of the lugs is preferably provided with a screw b'. The ring also has its inner edge crimped in at b<sup>2</sup>, so as to draw the diaphragm C<sup>2</sup> tight. The diaphragm C may be made from any suitable material, so

as to make a light sensitive film. It prevents the lodgment of disease-germs in the mouthpiece and may be frequently renewed, so as to keep it in a sanitary condition. It also protects the parts forming the active elements of the telephone-transmitter, especially from the moisture of the breath.

What I claim as new is—

1. In combination with a telephone-transmitter having a mouthpiece; a removable protecting-diaphragm arranged over the opening in the mouthpiece and means for stretching and clamping the protecting-diaphragm about the edge of the mouthpiece.

2. In combination with a telephone-transmitter having a mouthpiece; a ring engaging the edge of the mouthpiece and forming a means for securing the diaphragm on the mouthpiece, said ring being provided with an attaching-screw b'; and the diaphragm removably secured to the transmitter by said ring.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

WILLIAM M. BASHLIN.

Witnesses:

D. U. ARIED,

G. E. BORDWELL.