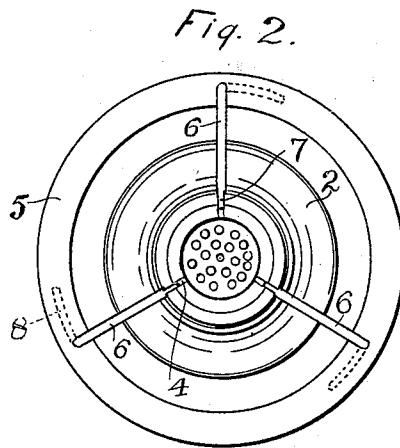
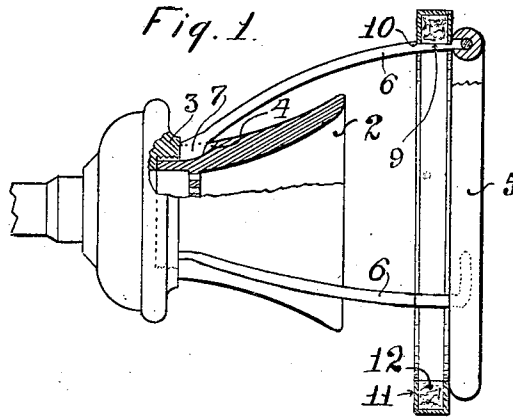


L. BLOCK.
 SANITARY ATTACHMENT FOR MOUTHPIECES.
 APPLICATION FILED OCT. 16, 1911.

1,016,063.

Patented Jan. 30, 1912.



Witnesses:
 Emil R. Aaron.
 William Brunner

Inventor:
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 Richard W. Carkey.

UNITED STATES PATENT OFFICE.

LOUIS BLOCK, OF NEW YORK, N. Y., ASSIGNOR TO LEAH ELIZABETH BLOCK, OF NEW YORK, N. Y.

SANITARY ATTACHMENT FOR MOUTHPIECES.

1,016,063.

Specification of Letters Patent.

Patented Jan. 30, 1912.

Application filed October 16, 1911. Serial No. 655,021.

To all whom it may concern:

Be it known that I, LOUIS BLOCK, a citizen of the United States, and a resident of New York city, in the county of New York and State of New York, have invented a certain new and useful Improvement in Sanitary Attachments for Mouthpieces, of which the following is a specification.

This invention relates to a sanitary guard to be attached to the mouthpiece of a telephone-transmitter, speaking-tube, megaphone, or the like, to protect the face of the person using the same from contact with and too close proximity to the mouthpiece of the instrument, the primary object being to protect the person from disease germs while using the instrument.

Another object is to expose any germs communicated from or by the person using the instrument to the action of light and air, and, if desired, of a disinfectant.

Other objects will appear hereinafter.

The invention comprises a guard-ring of suitable internal diameter and a plurality of converging flexible or spring-tempered legs projecting from one side of the ring and having their free ends gripping the mouthpiece near or at the inner end thereof and preferably entering grooves or recesses at or near such end, whereby the ring is firmly held some distance in front of the outer end of the mouthpiece. In the preferred form of the invention, said legs are provided with external jogs, shoulders or offsets to receive and retain in place a hollow ring containing a felt or other suitable absorbent for a disinfectant.

The invention is embodied in the attachment shown in the accompanying drawing, forming part hereof, in which—

Figure 1 is a side elevation, partly in section and partly broken away, of a telephone-transmitter mouthpiece with the guard attached thereto; and Fig. 2 is an end-view, from the left in Fig. 1, of the mouthpiece and the guard.

In the drawing, the reference symbol 2 marks the mouthpiece of the transmitter, which mouthpiece screws into the head 3 as usual and is provided with the usual grooves or recesses 4 at the inner or smaller end thereof. The reference 5 marks a ring of suitable material, from one side of which

ring there extend three converging spring-tempered or resilient legs 6, which, at their free ends, grasp or grip the transmitter or other cone 2, and which, in the preferred arrangement, enter said grooves or recesses 4, being flattened, if necessary, at their ends 7 to enter the grooves the more readily. Where the ring 5 is molded, cast or crimped into circular form, the legs 6 may be attached thereto by bending their ends 8 as shown to embed them in the ring itself. The legs 6 shown are jogged or notched at 9 to form a shoulder 10 to hold in place the hollow ring 11, which is open on its inner face and is filled with an absorbent 12 for a suitable disinfectant. The ring 11 is preferably continuous and snaps into the jogs aforesaid, and when the guard is in place, as shown, such ring 11 cannot be displaced, yet it may be filled as and when desired with disinfectant.

It will be noted that I provide a guard which is smooth and free from joints, chinks and crevices where dirt and germs can gather, nor can it scratch or injure the face or lips of the person using it, it is self-adjusting to the mouthpieces and does not damage the plating on the telephone-transmitters, as it is drawn forward out of contact with the head 3 when the mouthpiece 2 is screwed in or off.

What I claim as new and desire to secure by Letters Patent of the United States is—

1. In mouthpieces for telephone-transmitters and the like, the combination with the cone-mouthpiece provided at its smaller end with recesses, of a ring provided with legs the free ends of which converge and engage with said recesses.

2. An attachment for telephone-transmitters and the like, comprising a ring having converging flexible legs extending from one side thereof to and engaging with the outer surface of the mouthpiece cone, said legs being jogged externally near said ring, and a disinfectant-holding ring-pad seated in said jogs.

Signed at New York city in the county of New York and State of New York this fourteenth day of October A. D. 1911.

LOUIS BLOCK.

Witnesses:

ROBT. H. HIBBARD,
R. W. BARKLEY.