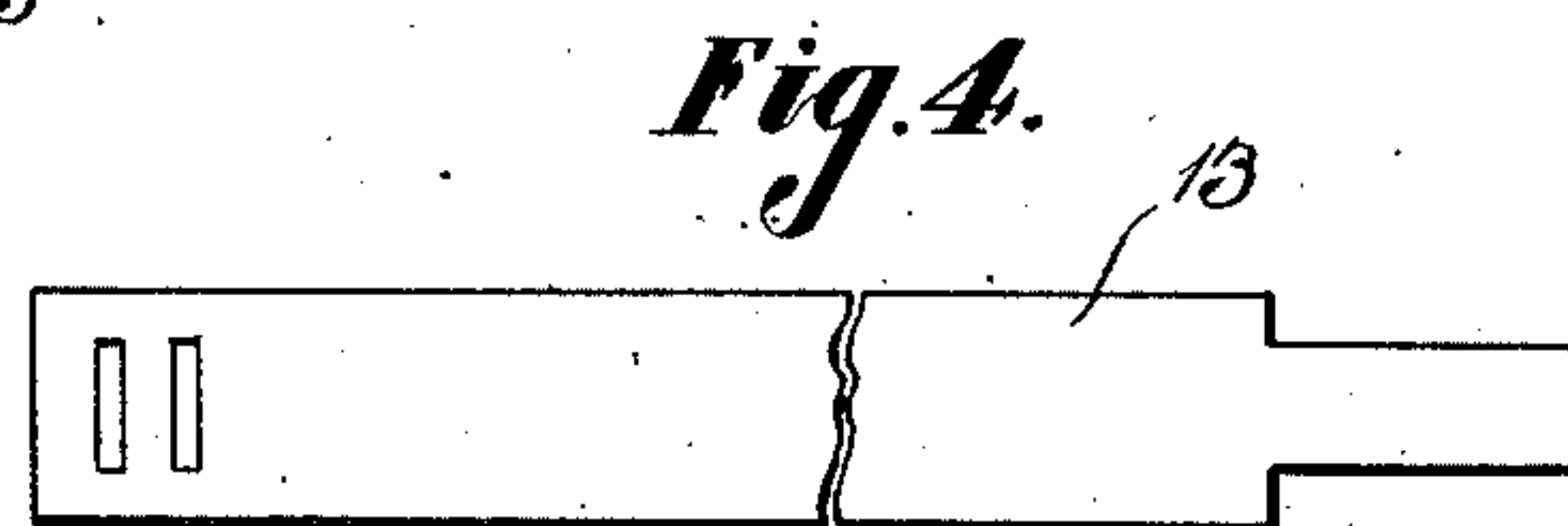
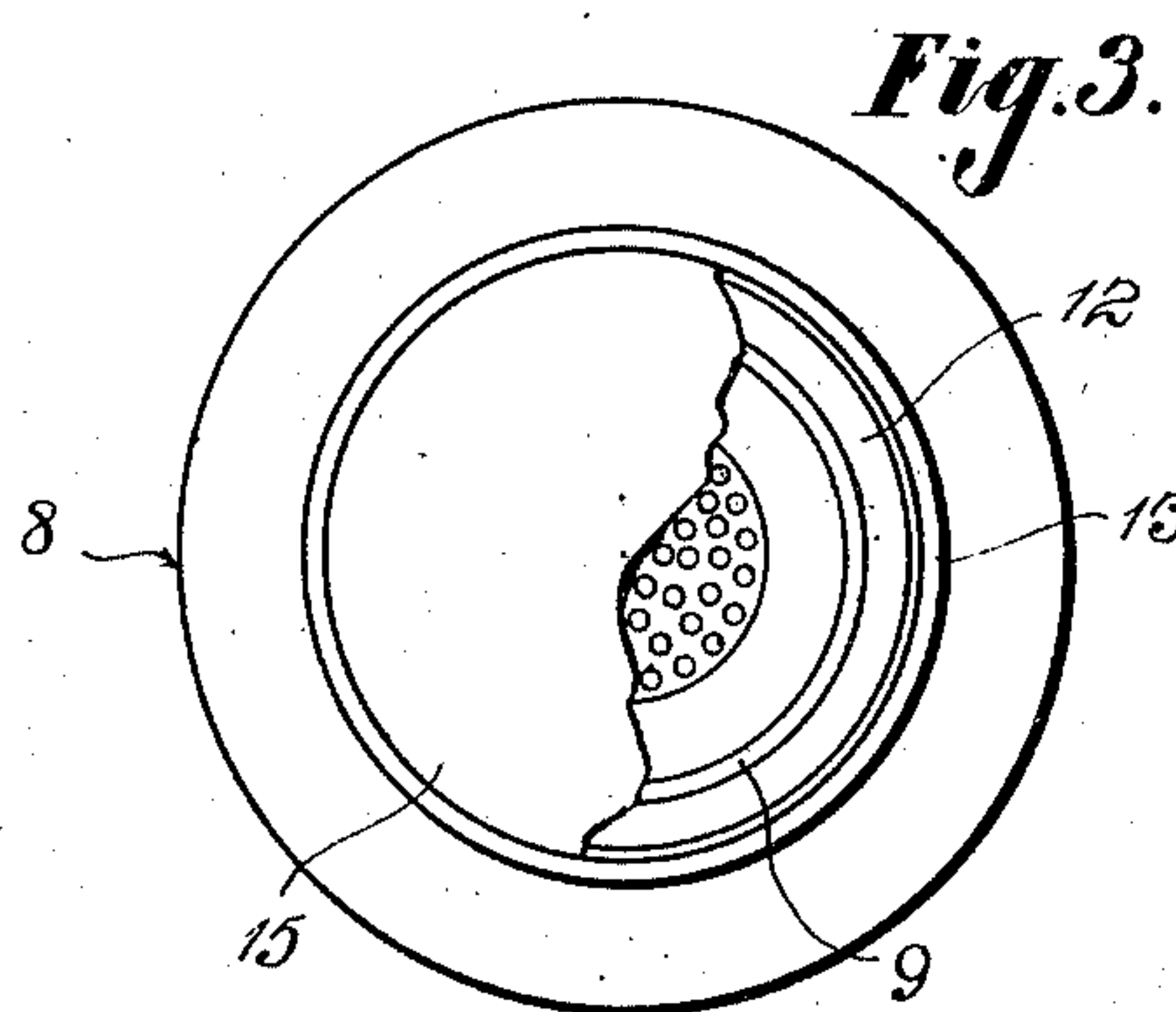
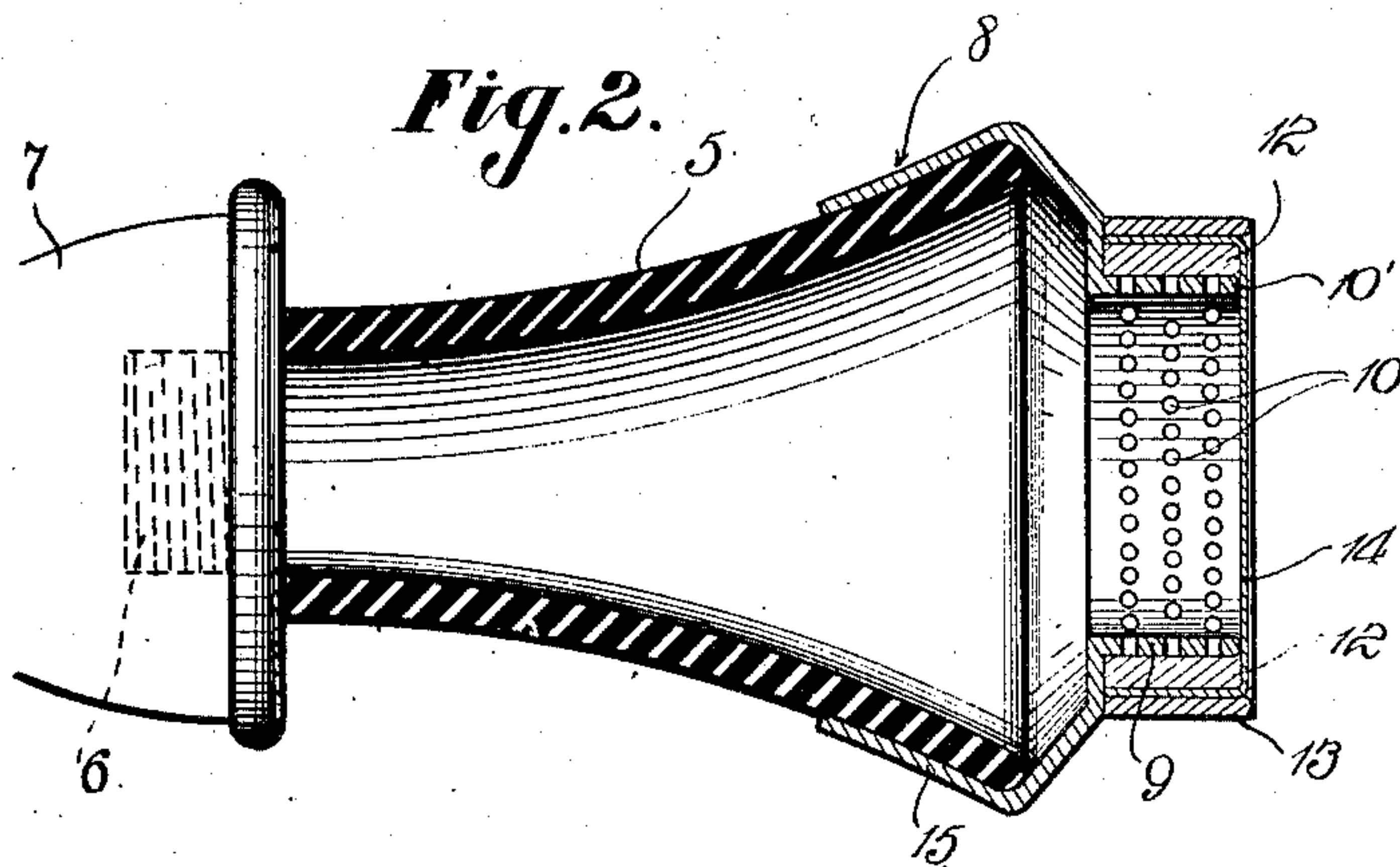
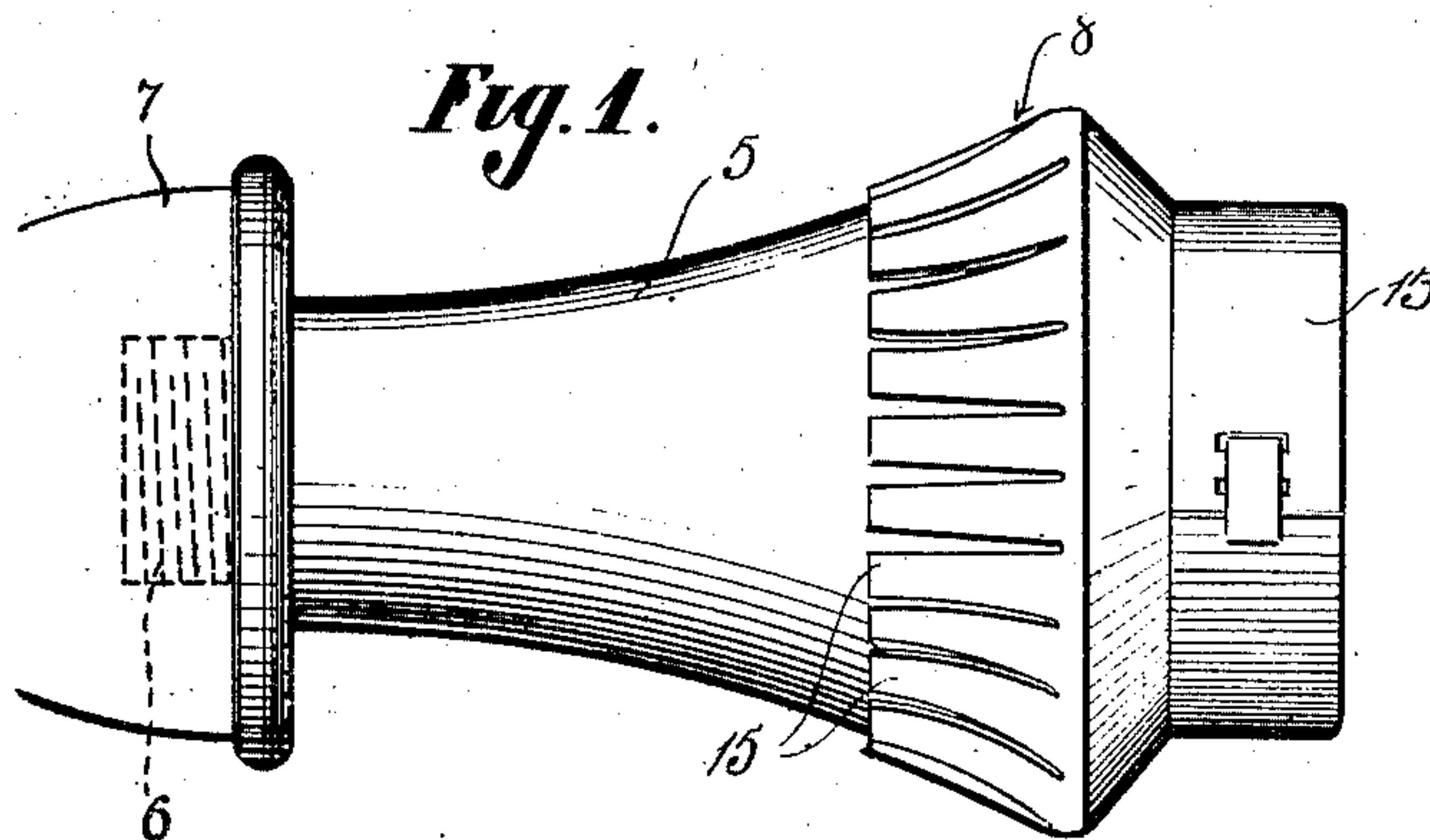


J. A. HALL.
 TELEPHONE MOUTHPIECE.
 APPLICATION FILED FEB. 10, 1910.

976,457.

Patented Nov. 22, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

JOSEPHINE A. HALL, OF OAKLAND, CALIFORNIA.

TELEPHONE-MOUTHPIECE.

976,457.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOSEPHINE A. HALL, a citizen of the United States, residing at Oakland, in the county of Alameda, State of California, have invented certain new and useful Improvements in Telephone-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.

The invention relates to mouth piece attachments for telephones and more particularly to the class of devices for applying sterilizers to mouth pieces of telephones.

The primary object of the invention is the provision of a device of this character in which a pad or other absorbent charged with a disinfectant or sterilizing substance may be positioned on a telephone mouth piece to prevent the accumulation of bacteria germs or in other words destroy them therein and thus overcome the spreading of diseases.

Another object of the invention is the provision of a device of this character which can be readily attached and detached from the mouth piece of a telephone, so that the absorbent charged with sterilized or disinfectant substance may be recharged or removed for replacing the same or the introduction of a new one in its stead.

A still further object of the invention is the provision of a disinfectant device for telephone mouth pieces which may position on the latter an absorbent pad charged with sterilizing substance and in which the holder of the absorbent shall be separable from the mouth piece and also in which the absorbent will be separable from the holder.

With these and other objects in view, the invention consists in the construction, combination and arrangement of parts, as will be hereinafter more fully described in detail, illustrated in the accompanying drawings, which disclose the preferred form of embodiment of the invention, to enable those skilled in the art to practice the invention and as pointed out in the claims hereunto appended.

In the drawings:—Figure 1 is a side elevation of the invention as applied to the telephone mouth piece. Fig. 2 is a vertical longitudinal sectional view through the same. Fig. 3 is a front elevation. Fig. 4 is a plan view of the clamping ring detached from the mouth piece.

Similar reference characters indicate cor-

responding parts throughout the several views in the drawings.

Referring to the drawings by numerals 5 designates a mouth piece which has a screw threaded end 6 which screws into a case 7, as of a telephone or other sound conducting instrument; the mouth piece being of the ordinary well known construction.

The attachment or device comprises a shell or body 8 the same being outwardly flared or bulged intermediate its inner and outer ends while the outermost end portion forms a straight annular flange 9 provided with a series of orifices or perforations 10, the outer free edge of the flange being rounded as at 10' and disposed about the said flange 9 against its exterior face is a circular shaped absorbent pad 12 the latter being formed preferably of wool. This pad 12 which however may be constructed of any suitable absorbent is saturated or charged with a sterilizing or disinfectant substance that will effectually prevent the accumulation of bacteria germs within the mouth piece 5 or in other words will destroy the life or existence of such germs thus overcoming the spreading of contagious diseases from person to person that are subject to the use of the mouth piece.

The absorbent pad 12 is securely fastened on the flange 9 of the body or shell by means of a clamping ring 13 the latter being formed at one end with a bendable tongue which is primarily inserted in a suitable slot in the other end of the ring and finally bent on itself to unite the ends of the ring and secure it in position on the shell or body. This ring also serves to secure a chemically treated tissue sheet 14 across the mouth portion of the shell or body 8, the tissue sheet being charged with a sterilizing or disinfectant substance and is clamped between the pad and the said clamping ring of the device. The inner edge or end of the shell 8 is formed with a series of closely arranged rearwardly converging resilient fingers 15 which engage the outer end of the mouth piece 5 to detachably secure the device in position on the latter. It is of course to be understood that the shell 8 and its clamping ring 13 may be composed or constructed of any suitable material.

What is claimed is:—

1. A telephone mouth piece attachment comprising a shell having a flared intermediate portion with a straight outer end

and a contracted inner end, fingers formed on the inner end of said shell, the said outer end being provided with a plurality of perforations, a circular pad surrounding the
5 outer end of the shell and a clamping ring securing the pad about the end.

2. A telephone mouth piece attachment comprising a shell having a flared intermediate portion with a straight outer end
10 and a contracted inner end, fingers formed on the inner end of said shell, the said outer end being provided with a plurality of per-

forations, a circular pad surrounding the outer end of the shell, and a tissue sheet closing the outer end of the shell and a
15 clamping ring securing the sheet and pad to the shell.

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

JOSEPHINE A. HALL.

Witnesses:

E. L. ARNEST,
E. BARNETT.