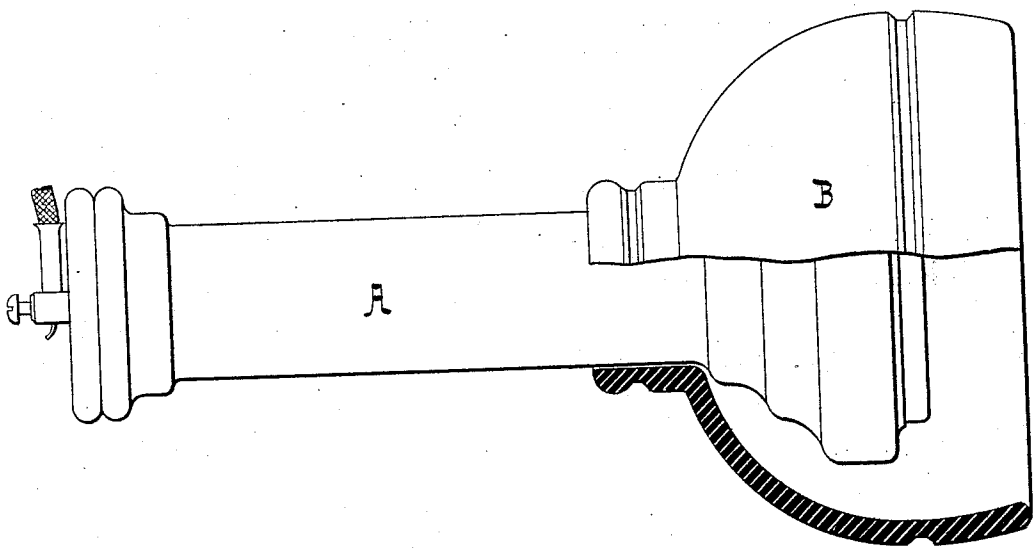
(No Model.)

W. R. MILLER.

TELEPHONE EAR PIECE.

No. 304,843. Patented Sept. 9, 1884.



-WITNESSES-

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UNITED STATES PATENT OFFICE.

WILLIAM R. MILLER, OF BALTIMORE, MARYLAND.

TELEPHONE EAR-PIECE.

SPECIFICATION forming part of Letters Patent No. 304,843, dated September 9, 1884.

Application filed February 19, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. MILLER, of the city of Baltimore and State of Maryland, have invented certain Improvements in Telephone Ear-Pieces, of which the following is a specification.

This invention consists in the combination, with the receiving-instrument of a telephone, of a sound-insulating cup adapted to slide on the body of the said instrument, and to be extended to any required distance beyond the end of the same, so that it may be brought into contact with the head of the person receiving the message, to exclude extraneous sounds, while the ear is pressed closely against the receiver.

The accompanying drawing is an exterior view of a Bell telephone-receiver provided with a sound-insulating cup in accordance with my invention.

In the said drawing, A is the telephone-receiver, and B the sound insulating cup, which is adapted to slide on the body of the receiver, and to be projected beyond the end thereof which is applied to the ear of the person receiving the message from the transmitter.

It will be understood that when the receiver is applied to the ear the cup B may be drawn over the ear and pressed closely in contact with the head, to prevent the entrance to the ear of extraneous sounds.

When the cup is to be applied to a receiving-instrument now in use, it may be found necessary to make the cup in two parts and attach them together after their application.

I am aware that it is not new to provide a telephone with an elastic or flexible ring or cup to exclude external sounds, and such device I do not claim; but

What I do claim is—

In a telephone, the receiver provided with a sound insulating cup adapted to slide on the body thereof, and to be projected to a variable distance beyond the end of the receiver, substantially as and for the purpose specified.

WM. R. MILLER.

Witnesses:
WM. T. HOWARD,
JNO. T. MADDOX.