Oct. 27, 1925. 1,558,877

H. T. HIPWELL

ATTACHMENT FOR TELEPHONE RECEIVERS

Filed July 31, 1922

Fig. 1.

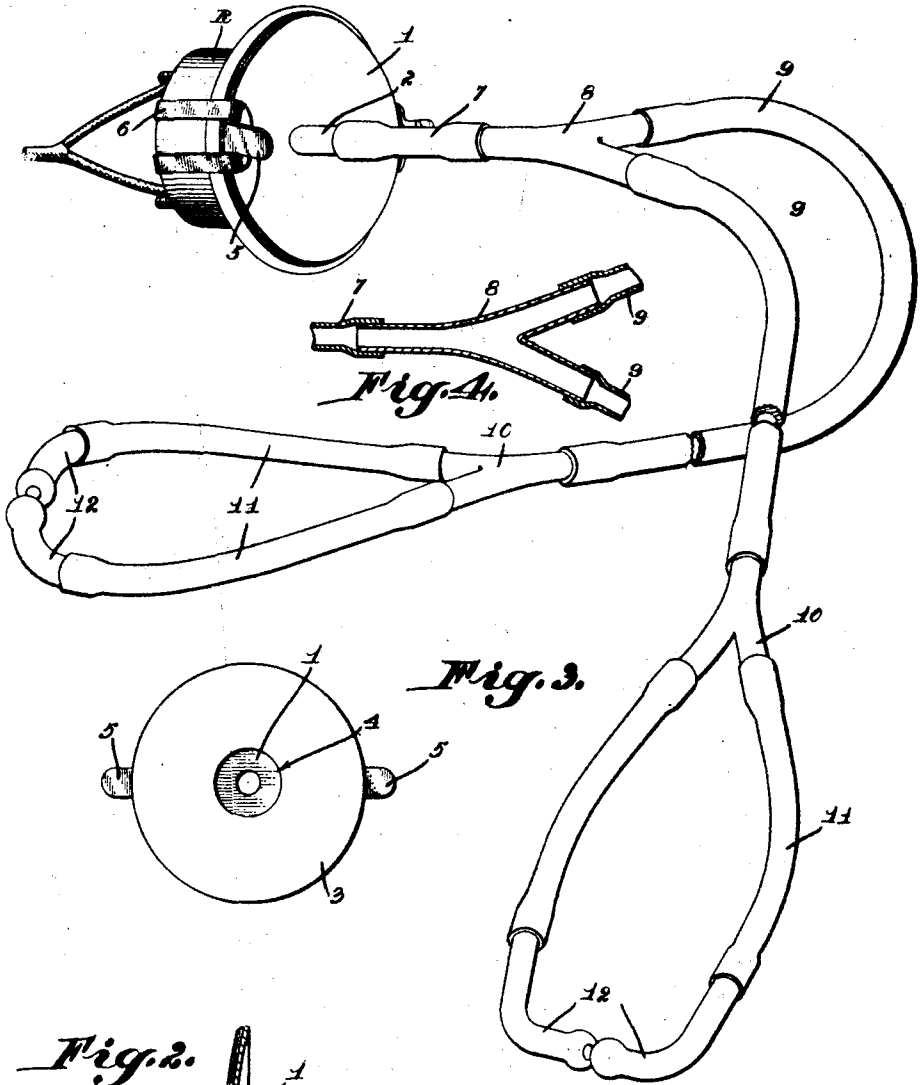
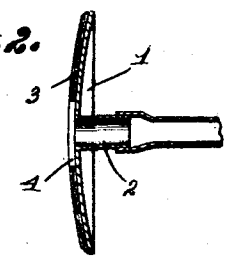


Fig. 4.

Fig. 3.

Fig. 2.



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UNITED STATES PATENT OFFICE.

HARRY T. HIPWELL, OF PITTSBURGH, PENNSYLVANIA.

ATTACHMENT FOR TELEPHONE RECEIVERS.

Application filed July 31, 1922. Serial No. 578,718.

To all whom it may concern:

Be it known that I, HARRY T. HIPWELL, a citizen of the United States, residing at Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Attachment for Telephone Receivers, of which the following is a specification.

This invention relates to an attachment designed primarily for use on the receiver of a wireless telephone or the like.

One of the objects of the invention is to provide a simple form of attachment which can be connected readily to the receiver without requiring the use of any expensive fastening means.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that, within the scope of what is claimed, changes in the precise embodiment of the invention shown can be made without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings

Figure 1 is a perspective view of the device applied to a receiver.

Figure 2 is a section through the connecting plate.

Figure 3 is a face view of said plate.

Figure 4 is a section through the forked coupling of the attachment.

Referring to the figures by characters of reference 1 designates a disk preferably concavo-convex and provided at the center of its concaved face with an outwardly projecting nipple 2 opening through the disk. A covering 3 of felt or the like is arranged on the convex face of the disk and has an opening 4 at the center thereof. Ears 5 are formed on the disk at diametrically opposed points and the disk is so proportioned that it can be placed over the open end of a telephone receiver and can be attached thereto simply by looping an elastic band 6 across the back of the receiver and with the ends of the loop in engagement with the respective ears 5. The tension of the band will be sufficient to hold the disk 1 firmly to the receiver.

A flexible tube 7 is extended from the nipple 2 and engages a forked coupling member 8 from which separate tubes 9 are extended, each of these tubes having a fork 10 connected by flexible tubes 11 to ear pieces 12.

It will be apparent from the foregoing that by connecting the disk to a receiver R two persons can listen in. Obviously by having more than two branches on the forked coupling 8 the number of tubes 9 can be increased and the sets of ear pieces correspondingly increased.

By providing a concavo-convex disk as shown, it can be caused to fit snugly against the concaved apertured face of the telephone receiver so that the opening in the disk will properly register and lie close to the opening in the face of the receiver. The felt covering serves to close or seal the space between the disk and the receiver. Thus there is no loss of sound waves between the faces of the receiver and the disk.

What is claimed is:—

An attachment for a telephone receiver, including a concavo-convex disk having a single opening therein, said opening being located at the center of the disk, diametrically opposed ears extending from the margin of the disk, a soft packing constituting a covering for the convex face of the disk for engaging the concave surface of a telephone receiver, there being a central opening within the packing concentric with the aperture in the disk, a nipple integral with the disk and communicating with the opening, separate sound conducting tubes in communication with the nipple, and an elastic band having opposed portions engaging the respective projections, said band cooperating with the projections to hold the attachment to a telephone receiver.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

HARRY T. HIPWELL.