June 5, 1928. 1,672,761

J. JOSINSKY

TELEPHONE RECEIVER ATTACHMENT

Filed Oct. 19, 1927

Fig. 1.

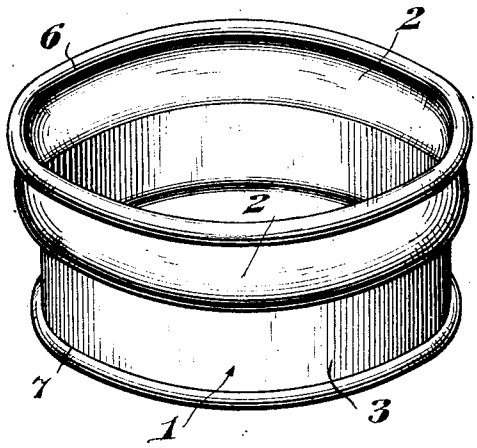


Fig. 2.

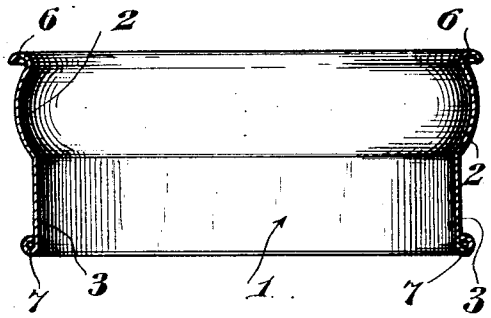


Fig. 4.

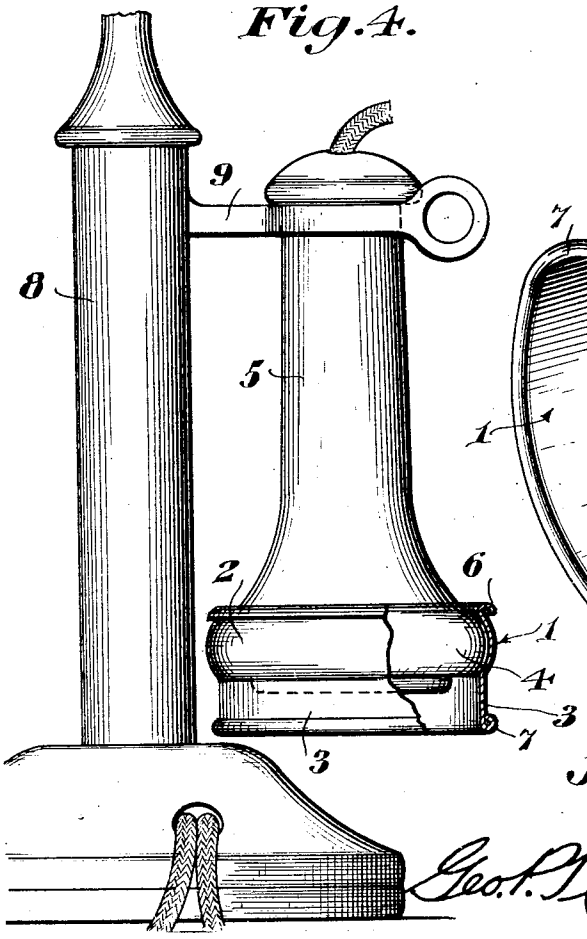
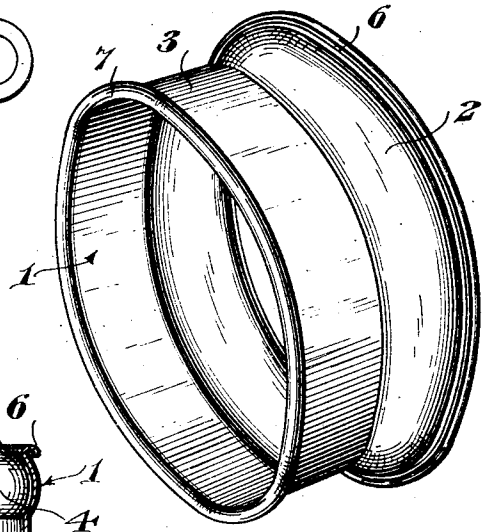


Fig. 3.



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UNITED STATES PATENT OFFICE.

JOHN JOSINSKY, OF BAYSIDE, NEW YORK.

TELEPHONE RECEIVER ATTACHMENT.

Application filed October 19, 1927. Serial No. 227,261.

This invention relates to an attachment for telephone receivers, and has for its object to provide, in a manner as hereinafter set forth, means whereby dissipation of the sound waves from the receiver is materially reduced, or in other words the sound waves are confined, thereby obtaining an unusually satisfactory receiving effect especially when listening in places where constant noises are created from different sources, or in places where quietness is disturbed by elementary noises.

Further objects of the invention are to provide, in a manner as hereinafter set forth, an attachment for the purpose referred to which is simple in its construction and arrangement, strong, durable, compact, thoroughly efficient in its use, readily installed with respect to the receiver, not marring the appearance of the latter, and comparatively inexpensive to manufacture.

With the foregoing and other objects in view the invention consists of the novel construction, combination and arrangement of parts as hereinafter more specifically described, and illustrated in the accompanying drawings, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which fall within the scope of the claims hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:—

Figure 1 is a perspective view of the attachment looking towards the rear end.

Figure 2 is a cross sectional view thereof on line 2—2 Figure 1.

Figure 3 is a perspective view of the attachment looking towards the front thereof.

Figure 4 is a side elevation, broken away of the attachment as applied to the receiver.

The attachment is in the form of an annulus and constructed from material possessing a characteristic of sufficient resiliency to frictionally engage with the receiver to maintain the annulus in set position on the free end of and extended from such end of the receiver. Any suitable material can be employed for constructing the attachment, and the material can be celluloid or thin metal, and with the body of the annulus of appropriate thickness, even though it be very thin, yet will possess sufficient rigidity to prevent the collapsing thereof, or distortion when handled or placed in listening position.

The receiver comprises an annular body portion indicated generally at 1, formed of an inner coupling portion 2 and an outer sound wave confining portion 3. The portion 2 conforms in contour to the outer terminal portion 4 of the receiver 5, and as shown the portion 2 is of arcuate contour in transverse section. The portion 3 is of uniform diameter throughout and the diameter thereof conforms to the smallest diameter of the portion 2. The transverse width of the portion 3 is substantially the same as the transverse width of the portion 2. The rear of the portion 3 merges in the front of the portion 2 and the latter terminates at its rear in an outwardly directed flange 6 of curvilinear cross section, acting as a means to facilitate the removal of the body portion 1 from the receiver 5 when desired. The portion 3 at its front is provided with a reinforcing bead 7.

The pedestal or telephone is indicated at 8 and the hook for the receiver at 9.

When the attachment is mounted upon the receiver it prevents the dissipation of the sound waves to a material extent, or in other words the sound waves are confined, thereby obtaining an unusually satisfactory receiving effect especially in places that are noisy and thereby the attachment when used will enable one to listen in a very satisfactory manner, and therefore it is thought the many advantages of an attachment for telephone receivers, in accordance with this invention, can be readily understood, and although the preferred embodiment of the invention is as illustrated and described, yet it is to be understood that changes in the details of construction can be had which will fall within the scope of the invention as claimed.

What I claim is:

An attachment for telephone receivers comprising a body portion in the form of an annulus formed of a coupling portion for connection with the receiver and a sound wave confining portion extended outwardly

from the coupling portion and projecting from the receiver, said coupling portion conforming in contour to that portion of the receiver upon which it is mounted, said sound wave confining portion being of uniform diameter throughout, said coupling portion having its rear provided with an outwardly directed annular flange curvilinear in transverse section and said sound wave confining portion having its front provided with a bead.

In testimony whereof, I affix my signature hereto.

JOHN JOSINSKY.