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TELEPHONE MESSAGE BROADCASTING APPARATUS

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Fig. 1.

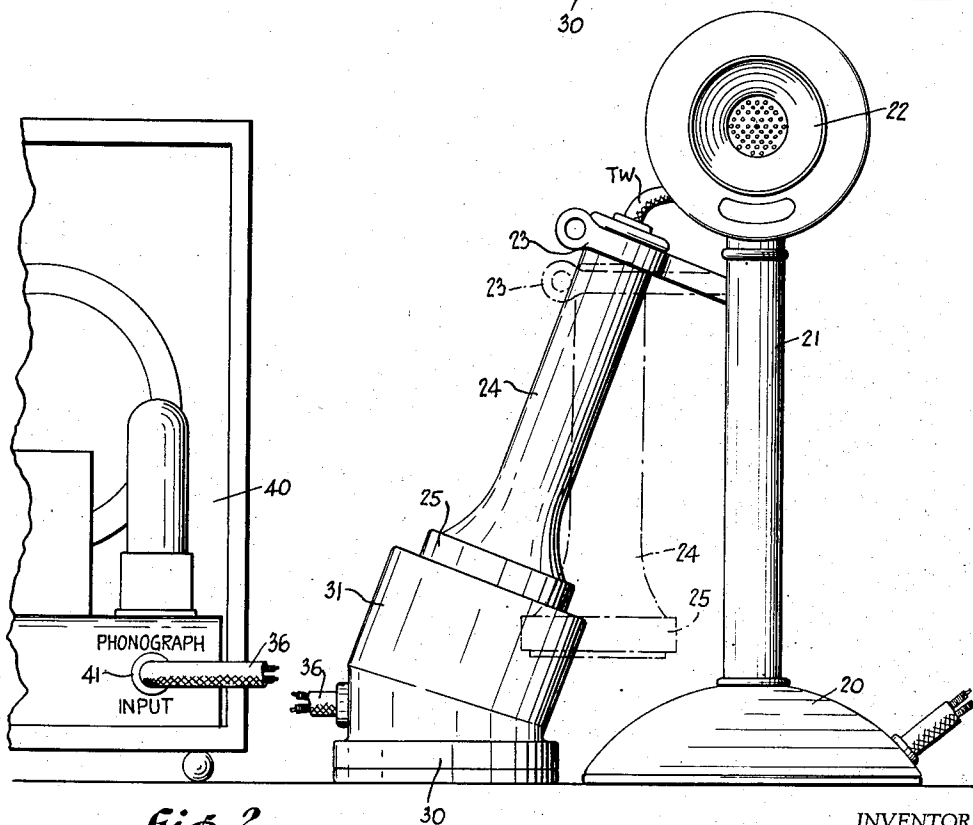
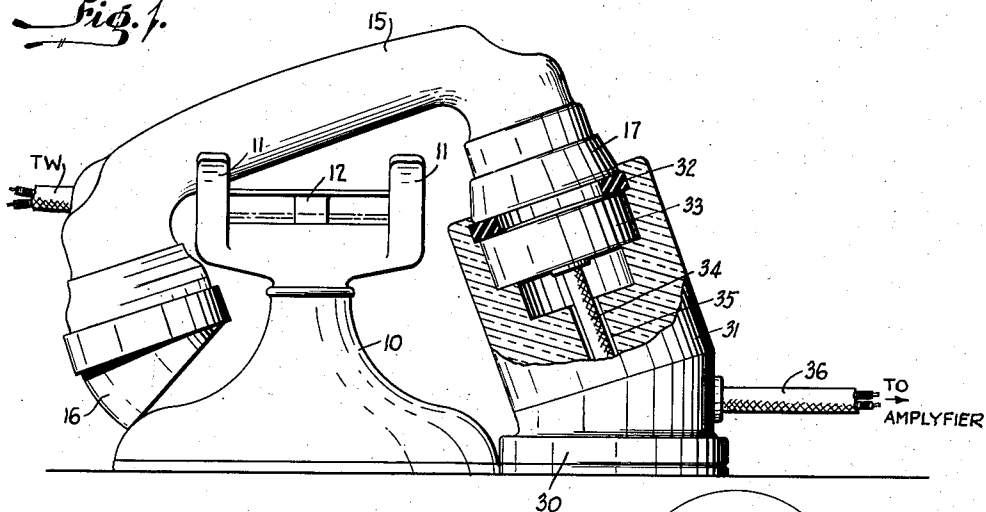


Fig. 2.

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TELEPHONE MESSAGE BROADCASTING
APPARATUS

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Application November 8, 1940, Serial No. 364,857

1 Claim. (Cl. 179—1)

This invention relates to acoustical apparatus and more particularly to devices whereby an incoming message on a telephone may be rendered audible to a group of persons collectively.

An object of the invention is to provide a simple device which may be connected with the receiver of any ordinary form of telephone instrument whereby the sound is amplified and delivered from a phonograph or like instrument, in order that an assemblage of persons may hear the message.

A further feature is in the provision of means for attaining the foregoing object, that is capable of being attached or detached instantly and at will to a telephone.

Another purpose is to produce a device essentially simple in character and inexpensive to construct, whereby more than one person is enabled to listen to an incoming message.

These valuable objects are accomplished by the novel and practical construction, combination and arrangement of parts hereinafter described and illustrated in the accompanying drawing, constituting a material component of this disclosure, and in which—

Figure 1 is a side elevational view of a conventional telephone apparatus as arranged in connection with an embodiment of the invention, shown partly in section.

Figure 2 is a similar view of another type of instrument as arranged in connection with the device and showing the connection to a phonograph.

Referring in detail to the drawing, the numeral 10 designates the base of a low type of telephone instrument stand, having raised forks 11, between which the spring raised switch 12 operates, and normally supports the handpiece 15.

The hand piece has at one end a receiver or mouth piece 16 and at the other a transmitter 17, all of which are of the usual construction, as is the wiring and method of operation.

As shown in Figure 2, the tall telephone has a base 20, standard 21, receiver 22 and switch hook 23 from which is normally suspended a hand-piece 24 provided with a transmitter 25.

The invention consists, in either case, of a base 30 having a raised, angularly topped portable stand 31 provided with an opening in its upper surface of such size as to neatly receive the end of the transmitter 17 or 25, which rests on a soft rubber ring 32 embedded in the stand just below the opening.

Set in the stand, below the ring, is a microphone 33 having attached a conductor 34, passing through an opening 35 and out at the side of the stand, as at 36.

The conductor is led to a phonograph instrument 40, through an opening 41, which is provided with a loudspeaker whereby the sound is magnified and delivered in such intensity and volume to be distinctly heard by all in its vicinity.

In operation the hand-piece 15 is raised to clear the support switch 12, as in Figure 1, or allow the hook 23 to rise as in Figure 2, whereupon the sounds delivered through the transmitter are transmitted to the phonograph direct.

Having described the invention, what is claimed as new, is:

A telephone message broadcasting apparatus comprising, in combination with a telephone apparatus having a switch, a hand-piece controlling said switch and a transmitter, a stand having an inclined face containing a recess, a microphone set in said recess in said stand, a soft flexible ring over the microphone on which the transmitter rests by gravity when said switch is released from the hand-piece, an amplifier, and electrical connections between said microphone and said amplifier.

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