Aug. 24, 1948. A. G. WAHL 2,447,721

TELEPHONE HANDPIECE SUPPORT

Filed May 20, 1947

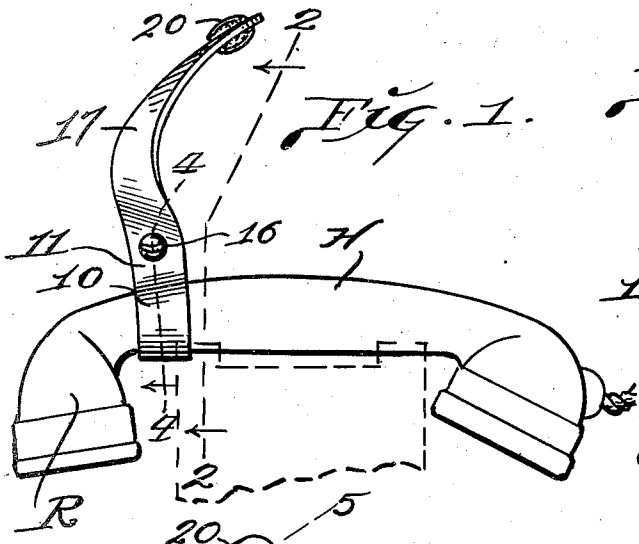


FIG. 1.

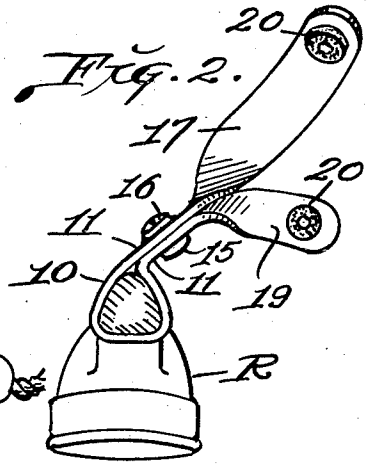


FIG. 2.

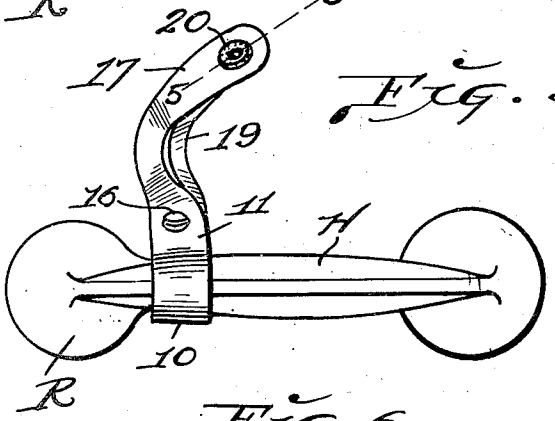


FIG. 3.

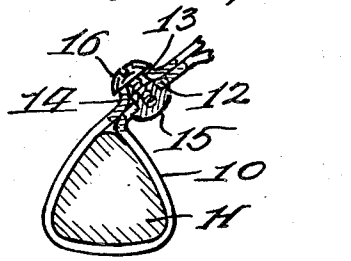


FIG. 4.

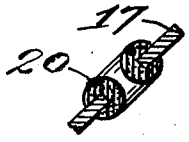


FIG. 5.

FIG. 6



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TELEPHONE HANDPIECE SUPPORT

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1 Claim. (Cl. 179—157)

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My invention relates generally to telephone apparatus of the portable hand set type, and has for its principal object, to provide a relatively simple, practical and inexpensive hook or arm which may be readily applied to the conventional hand piece, including the receiver and transmitter, and which hook or arm will be effective in supporting said handpiece on the user's shoulder, thus enabling said user to carry on a telephone message with the hand piece supported on the shoulder, with both hands free to make notes with a pen or pencil, handle sheets of papers, turn the leaves of a book, or to perform other acts incident to the telephone conversation.

A further object of my invention is, to provide a hand piece support of the character referred to which is formed from a single piece of material, and which is constructed so that it may be readily applied to or removed from the hand piece.

A further object of my invention is, to provide a telephone handpiece with a pair of arms which curve over the shoulder of the user and said arms being provided with friction producing elements of rubber which tend to more firmly secure and hold the hand piece while in use on the shoulder.

With the foregoing and other objects in view, my invention consists in certain novel features of construction and arrangement of parts which will be hereinafter more fully described and claimed and illustrated in the accompanying drawing in which:

Fig. 1 is a side elevational view of a conventional telephone hand piece in position on its base and provided with my improved hook.

Fig. 2 is a cross section taken on the line 2—2 of Fig. 1.

Fig. 3 is a plan view of the hand piece and hook.

Fig. 4 is an enlarged cross section taken on the line 4—4 of Fig. 1.

Fig. 5 is an enlarged cross section taken on the line 5—5 of Fig. 3.

Fig. 6 is a perspective view, showing the equipped hand piece in position of the user's shoulder.

Referring by numerals to the accompanying drawing, which illustrates a preferred embodiment of my invention, 10 designates an open loop of such size and shape as to fit snugly around the body of a conventional telephone hand piece H, near the receiver end R, and from the top of said loop short portions 11 extend upwardly and laterally. Loop 10, portions 11 and the curved arms beyond said portions, are formed from a

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single piece of resilient band or strap like material such as plastics or lightweight metal.

Formed in the lower one of the members 11 is a short longitudinally disposed slot 12, and formed in the upper member coincident with said slot is an aperture 13, and there being a lip or flange 14 formed on the outer face of the upper member around said aperture.

Members 11 are detachably connected by means of a tubular headed nut 15, the shank of which passes through slot 12 and receives the shank of a screw 16 (see Fig. 4).

That portion of the band beyond the upper one of members 11 is twisted a quarter turn and is bent away from the plane occupied by loop 10, to form a short curved arm 17 adapted to fit over the shoulder of the telephone user, outwardly from the neck.

The end of the band beyond the lower one of the members 11 is twisted a quarter turn and extended outwardly in a plane substantially at right angles to arm 17 to form a curved arm 19 somewhat shorter than said arm 17 and adapted to lie over the telephone user's shoulder between the neck and arm 17.

Located in the end portions of both arms are small studs or buttons 20 of rubber which, when the equipped telephone is used, engage the clothing with friction, thereby tending to more firmly hold the hand piece in proper position on the user's shoulder.

The resiliency of the plastics or other material used in forming the supporting member, enables the same to be readily applied to or removed from the handpiece, and to do this, it is only necessary to spread the arms 17 and 19 apart a sufficient distance to permit the loop 10 to pass between said arms.

When the curved arms are placed over the user's left shoulder, the handpiece is conveniently and firmly supported with the transmitter head disposed adjacent and just below the user's mouth and with the receiving head adjacent the user's ear, as seen in Fig. 6.

Thus it will be seen that I have provided a telephone handpiece support which is relatively simple in construction, inexpensive of manufacture and very effective in performing the functions for which it is intended, namely, to support the hand piece in position for use in position on the user's shoulder, thus leaving both hands free while carrying on the telephone conversation.

It will be understood that minor changes in the size, form and construction of the various parts of my improved telephone hand piece sup-

port may be made and substituted for those herein shown and described without departing from the spirit of the invention, the scope of which is set forth in the appended claim.

I claim as my invention:

A telephone hand piece support formed in a single piece and comprising an open loop of resilient material adapted to surround the body of the hand piece, a pair of short arms extending at an angle from said loop, readily separable means connecting said arms, twisted curved arms extending from said short arms one of said twisted arms being substantially shorter than the other and said arms diverging toward their free ends and friction studs seated in the outer end portions of said twisted diverging arms.

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REFERENCES CITED

The following references are of record in the file of this patent:

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