March 31, 1936. G. E. ATKINS 2,036,010

MOUNTING FOR ACOUSTIC DEVICES

Filed July 25, 1934

FIG. 1

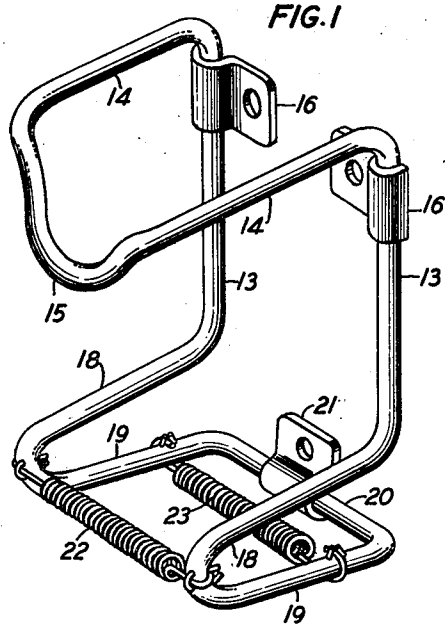


FIG. 2

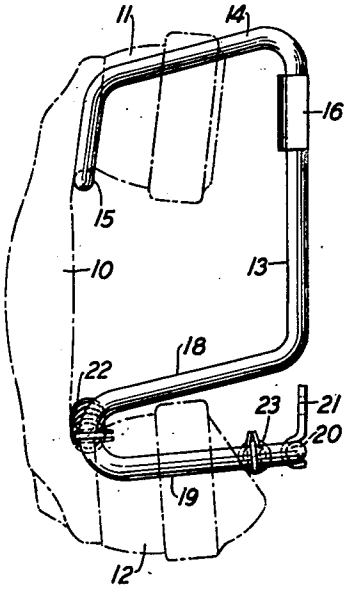
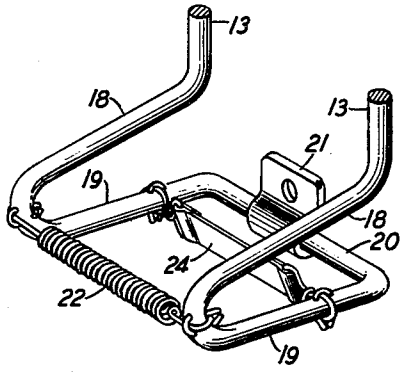


FIG. 3



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MOUNTING FOR ACOUSTIC DEVICES

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9 Claims. (Cl. 179—146)

This invention relates to mountings for acoustic devices and more particularly to mountings for hand telephones, adapted to be supported on a vertical surface.

One object of this invention is to rigidly secure a hand telephone upon a mounting so that accidental dislodgement of the telephone is prevented.

Another object of this invention is to reduce the cost and to expedite the manufacture of mountings for hand telephones.

In one embodiment illustrative of this invention, a mounting comprises a frame, which may be of a metallic rod formed into the desired shape, having arms provided with lugs or brackets thereon for attachment to a support. The frame is provided at one end with a cradle portion for accommodating the receiver of a hand telephone and is provided with a hanger at the other end for accommodating the transmitter of the hand telephone. A resilient member, such as a coiled spring, is secured to the hanger and adapted to frictionally engage a portion of the transmitter and by its resistance to distortion to lock the hand telephone on the mounting. A buffer member, which also may be a coiled spring, is carried by the frame and positioned to be engaged by the transmitter to prevent contact between the transmitter and the support to which the mounting is attached.

The invention and the features thereof will be understood more clearly and fully from the following detailed description with reference to the accompanying drawing in which:

Fig. 1 is a perspective view of a mounting for hand telephones, constructed in accordance with this invention;

Fig. 2 is a side view of the mounting illustrated in Fig. 1 and showing, in dotted outline, a hand telephone mounted thereon; and

Fig. 3 is a fragmentary view illustrating a modification of the mounting shown in Fig. 1.

Referring now to the drawing, the mounting shown therein illustrative of this invention comprises a frame which may be formed of a relatively rigid metallic rod, and is adapted to support a hand telephone which may include a handle 10, a receiver 11 at one end of the handle, and a transmitter 12 at the other end of the handle. The frame comprises a pair of parallel arms 13 and a forwardly extending cradle portion 14 at one end of the arms 13, having a portion 15 of a configuration conforming to a portion of the receiver 11. The arms 13 have secured thereto, as by welding, lugs or brackets 16 for securing the mounting to a support, such for example, as a vertical wall, not shown. The frame comprises also a hanger at the other end of the arms 13, including forwardly extending arms 18 and rearwardly extending arms 19 connected by a cross member 20, which may have secured thereto a lug or bracket 21.

A resilient member, such as a coiled spring 22 is suitably secured to the arms 18 and 19 at the junction thereof and is adapted to engage the transmitter 12 of the hand telephone and securely lock the hand telephone on the mounting. In order to prevent contact between the transmitter 12 and the wall to which the mounting is secured, a buffer or cushioning member such as a coiled spring 23 extending between the arms 19 and suitably secured thereto, is provided. As shown in Fig. 3, a strap 24, for example, of leather, may be provided instead of a coiled spring.

As is clearly shown in Fig. 2, the receiver 11 of the hand telephone overhangs the portion 15 of the cradle and the coiled spring 22 engages a portion of transmitter 12 and because of its resistance to distortion prevents displacement of the transmitter and accidental dislodgment of the hand telephone. The coiled spring 22, however, is of sufficient resiliency to allow facile distortion thereof when the hand telephone is placed upon or removed from the mounting.

In the specific embodiment of the invention shown and described, the hand telephone may be placed upon the mounting by positioning the receiver 11 in the cradle 14, 15 and then thrusting the transmitter against and under the spring 22 and into position between the arms 18 and 19.

Although a specific embodiment of the invention has been shown and described, it will be understood, of course, that modifications may be made therein without departing from the scope and spirit of this invention as defined in the appended claims.

What is claimed is:

1. A mounting for a hand telephone including a handle and telephone instruments mounted in spaced relation on said handle, comprising a portion adapted to be secured to a support, spaced members carried by said portion for accommodating said instruments, and resilient locking means at one of said spaced members engaging the instrument associated with said one member.

2. A mounting for hand telephones including a handle and telephonic instruments mounted in spaced relation on said handle, comprising a

portion adapted to be secured to a support, a cradle for accommodating one of said telephonic instruments, a hanger for accommodating another of said instruments, and resilient means carried by said hanger, engaging said second instrument and holding said hand telephone in fixed position.

3. A mounting for hand telephones including a handle and telephonic instruments mounted in spaced relation on said handle, comprising a portion adapted to be secured to a support, a cradle at one end of said portion for receiving, and having a portion conforming to a part of one of said instruments, a hanger at the other end of said first portion for accommodating another of said instruments, and a resilient member at said hanger frictionally engaging said second instrument and locking said hand telephone on said mounting.

4. A mounting for hand telephones including a handle, a receiver at one end of said handle, and a transmitter at the other end of said handle, comprising a single piece member forming a frame having parallel arms, a cradle at one end of said arms for accommodating said receiver, a hanger at the other end of said arms for accommodating said transmitter, and a resilient member associated with said hanger adapted to frictionally engage said transmitter to lock said hand telephone on said mounting.

5. A mounting for hand telephones including a handle, a receiver at one end of said handle, and a transmitter at the other end of said handle, comprising a metallic rod forming a frame having parallel arms, a cradle at one end of said arms for receiving, and having a portion conforming to a part of said receiver, and a hanger at the other end of said arms for accommodating said transmitter, and a coiled spring mounted on said hanger for frictionally engaging said transmitter.

6. A mounting for hand telephones including a handle and telephonic instruments at opposite ends of said handle, comprising a portion adapted to be secured to a support, a cradle for accommodating one of said instruments, a hanger for accommodating another of said instruments, means for locking said second instrument in said hanger, and buffer means in said hanger adapted to be engaged by said second instrument.

7. A mounting for hand telephones including a handle and telephonic instruments at opposite ends of said handle, comprising a single piece frame having arms adapted to be secured to a support, a cradle for receiving one of said instruments, and a hanger for receiving the other of said instruments, resilient means carried by said frame for engaging said other instrument to lock it in said hanger, and a resilient buffer member mounted on said hanger and adapted to be engaged by said other instrument.

8. A mounting for hand telephones including a handle and telephonic instruments at opposite ends of said handle, comprising a metallic rod forming a frame having parallel arms, a cradle at one end of said arms for receiving one of said instruments, and a hanger at the other end of said arms for accommodating the other of said instruments, said hanger having side portions extending forwardly from said arms, a coiled spring extending between said portions and adapted to frictionally engage said other instrument, and a coiled buffer spring extending between said portions and adapted to engage said other instrument.

9. A mounting for a hand telephone including a handle, a receiver and a transmitter, comprising spaced members to be secured to a support having angularly extending extensions at one end formed to accommodate the receiver and having angularly extending and reversely bent extensions at the other end for accommodating the transmitter, and a resilient member extending across and connected to said extensions at said other end with which said transmitter cooperates to hold said hand telephone in position when placed on said mounting.

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