May 18, 1965 L. S. KRULWICH 3,184,548

TELEPHONE ATTACHMENTS

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Fig. 1.

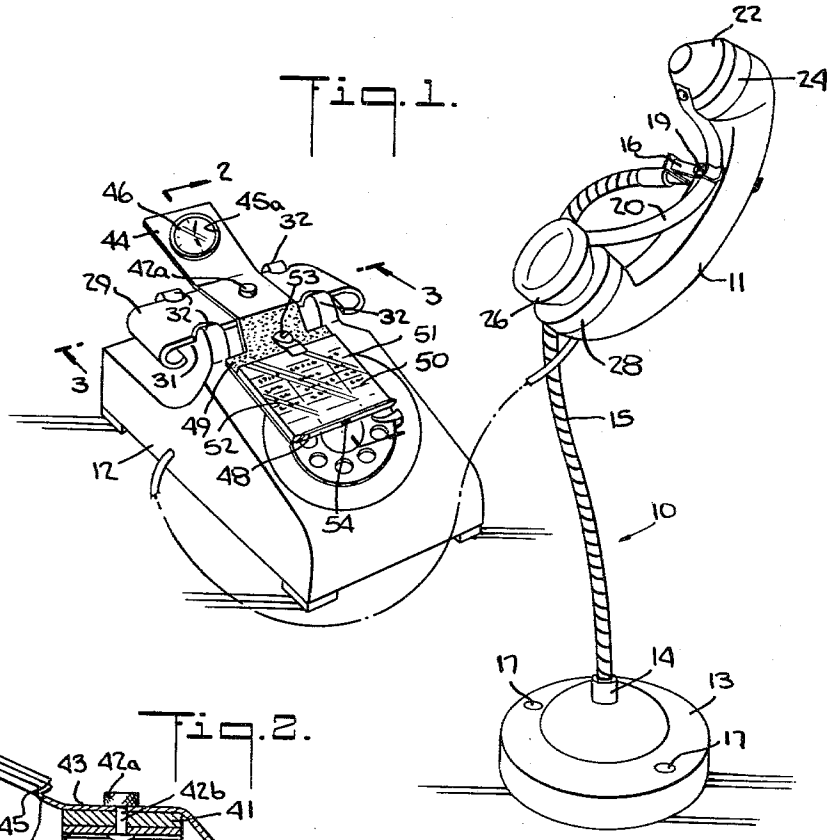


Fig. 2.

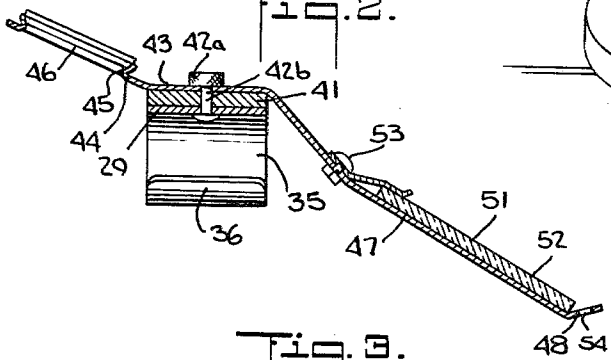


Fig. 3.

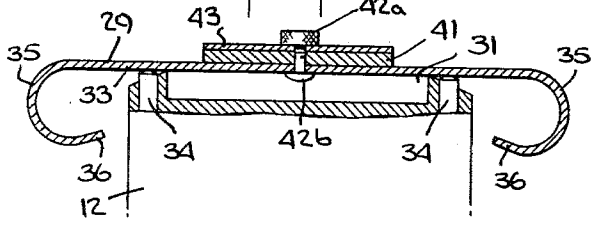
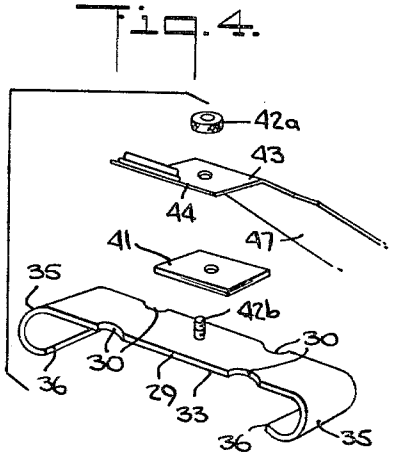


Fig. 4.



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Fig. 5.

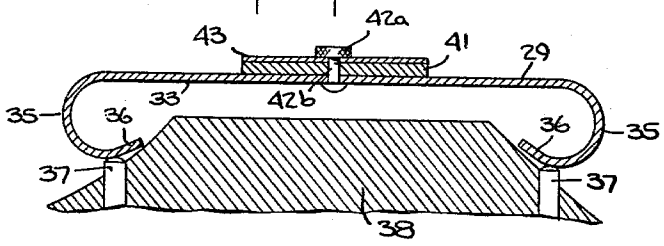


Fig. 6.

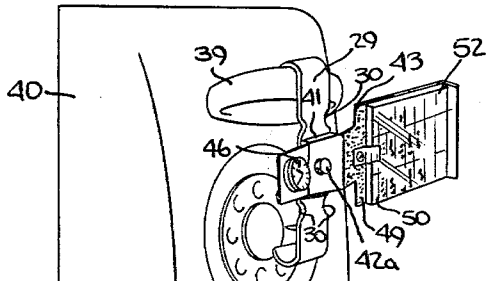


Fig. 7.

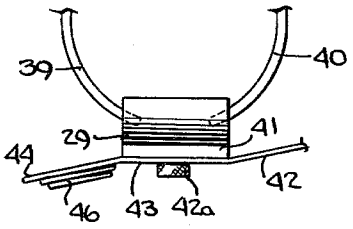
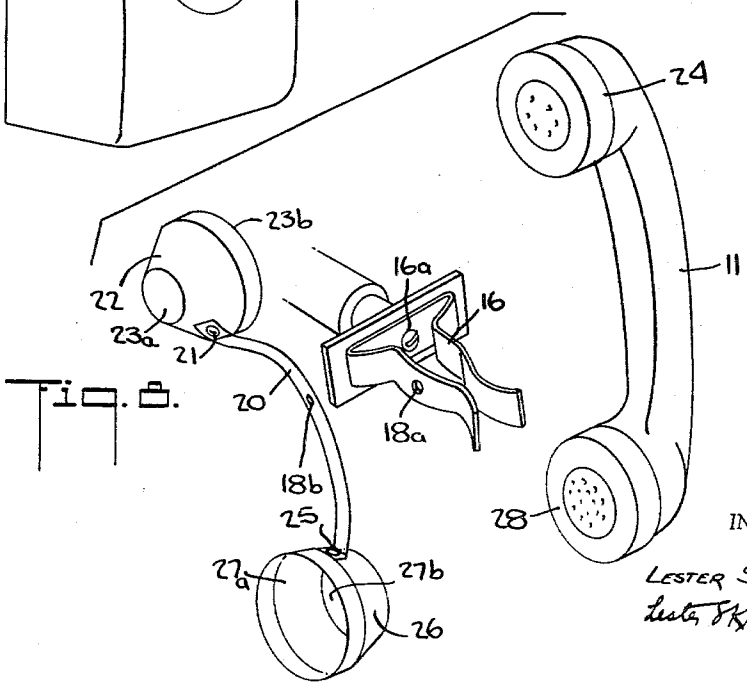


Fig. 8.



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3,184,548

TELEPHONE ATTACHMENTS

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Filed May 15, 1961, Ser. No. 110,237
1 Claim. (Cl. 179—148)

This invention relates to a telephone holder with a circuit closing member so that the receiver may continuously remain in the holder both when the telephone is and is not in operation. A primary object of this invention is to have the receivers of the conventional hand sets and of the wall phones in position for use without being handled further and without being taken off to open the circuit or put back at the end of the conversation to break the circuit.

Another object of this invention is to provide a device permitting the circuit to be either off or on, without handling the receiver, that is mechanically fool-proof, inexpensively manufactured and independent of electric signals. Presently available holders for receivers that are off the stand awkwardly require setting and adjusting, such as on the user's shoulder, every time a call comes in, or else are relatively involved and costly. This invention overcomes these difficulties in a way that at the same time affords other advantages besides allowing free use of both hands.

Further objects and structural details of the invention will be apparent from the following description when read in conjunction with accompanying drawings forming a part of this specification, wherein:

FIG. 1 is a perspective view of a preferred embodiment of my invention.

FIG. 2 is a cross sectional view taken along line 2—2 of FIG. 1.

FIG. 3 is a cross sectional view taken along the line 3—3 of FIG. 1.

FIG. 4 is an exploded perspective view of the elongated bar member.

FIG. 5 is a view of the elongated bar member in my invention being used on another form of telephone stand.

FIG. 6 is a view showing the elongated bar member being used on a wall phone.

FIG. 7 is a top view of a portion of FIG. 6.

FIG. 8 is an exploded perspective view showing the various members of an embodiment of my invention.

Upon reference to the drawings in detail it will be noted that they show in FIGS. 1, 2 and 3 the holder **10** for the receiver **11** of a conventional hand set **12**, consisting of a base **13** to which the lower end **14** of an elongated adjustable extension such as a gooseneck **15** is secured, with a clasping means **16** fastened to the upper end **16***a* of the said extension adapted to grasp the telephone receiver **11**, both ends being attached by any suitable means. The base is provided with holes **17** adjacent to its bottom edge through which it may be fastened by screws to a flat desk surface or to a wall. The base is of a sufficient weight so as to maintain its position while holding the receiver **11**. This may be accomplished in part by the insertion of separate weights in the base or by other means; a clamp may also be used as the base.

Optionally and preferably the clasp **16** is provided, as shown in FIG. 8, with a hole **18***a* through which a nut and bolt **19** or other appropriate device secures an elongated flat strip **20** of a material such as spring steel through a hole **18***b*, the strip having suitably fixed to its upper end **21** the frustum of a cone shaped member **22**, open on both ends **23***a*, **23***b*, with its larger opening designed to rest on and engage the hearing end **24** of the receiver and fixed to the bottom end **25** of the strip a

substantially similar shaped member **26** open on both ends **27***a*, **27***b*, with its smaller opening engaging the speaking end **28** of the receiver.

FIG. 4 shows an elongated bar **29** made of steel or other appropriate material with both lateral sides near both ends having portions **30** curved inwardly, spaced so that the bar **29** fits readily into the cradle **31** of the conventional hand set **12** between the posts **32**, the original position of the receiver. The bar being of a length on top such as three and one-eighth inches and one and a half inches wide so that its bottom surface **33** rests on the buttons **34** and of a sufficient weight to depress the buttons and keep the circuit closed with the receiver off the stand. The ends **35** of the bar are bent downwardly, flanged outwardly and back inwardly with its extreme bottom ends **36** inclined upward at a slight angle to the horizontal designed not only to maintain its position on and off the stand but also so that its bottom ends will rest upon and depress the buttons **37** of another type hand set stand **38** called the Princess as shown in FIG. 5 and further so that either end serves as a hook device to hang freely on and depress the receiver holder **39** of the conventional wall phones **40**, FIGS. 6 and 7.

Optionally the central portion of the top surface of the circuit closing member is provided with a platform such as a rectangular plate **41** fastened with a nut **42***a* and bolt **42***b*. In making the elongated bar member it is easier to have the weight on the top center and the rest of a lighter material, but this may be formed integrally with the surface. Also optionally the platform is covered with a plate **43** preferably made of sheet metal, held by the same fastener, extending upwards **44** where it contains an opening **45** with a rim **45***a* designed to hold frictionally a self-winding time device **46** such as a self-winding watch and with a portion **47** extending downward angularly with the bottom edge bent upward **48**. Most of the upper surface of the lower portion of the plate is coated **49** so that markings **50** may be legibly written on it with pencil or pen; a coating such as of light colored latex paint. This portion of the plate is also removably covered with a transparent material **51** preferably glass with an abrased surface **52** on which messages may be written. The plate is provided with appropriate fastening means **53** to hold the glass and contains a hole adjacent to its bottom edge **54**.

As shown in the drawings, in operation the receiver **11** is inserted frictionally in the clasp **16** and the gooseneck **15** adjusted and placed in a position convenient for the user. The elongated bar member **29** is placed on the telephone stand **12** in place of the receiver, keeping the buttons **34** down and the circuit closed. To open the circuit the bar is taken off and placed next to the stand. The receiver remains in its holder at all times without the need of further adjustment and the speaker may use both of his hands elsewhere. At the end of the conversation the bar is restored to the stand. Similarly on outgoing calls the bar is first removed and afterwards put back. If desired, instead of removing the bar from the stand, it may be placed in an up-side-down position. The shape of the circuit closing member is adapted to be used on the Princess type hand phone FIG. 5 with the bottom ends **36** engaging the buttons **37** and also on the wall phone FIGS. 6 and 7 where it hangs on and depresses the receiver holder.

The optional strip **20** with its frustum of a cone shaped member FIG. 8 not only serves to carry the sound to and from the receiver more clearly but permits placing the receiver holder at a greater distance from the user.

The optional plate **43** embodies further advantages that the elongated bar member device permits. Phone num-

bers written on the plate and messages on the glass are at a place and in a manner that can hardly be overlooked or mislaid. As this writing may be erased or washed off a supply of paper is not needed, although a pad may be attached to the plate if desired. The self-winding time piece 46 is optionally added because the vibration of the ringing phone with the use of the circuit closing member has been found to keep it in operation like an electric clock without requiring electricity. The hole 54 is for a chained pen or pencil, or a lock for the dial. The plate attachment with its parts is fastened and designed so that it may be used on any of the wall or standing phones, and can be turned sidewise. All parts of the device are made so as to call for practically no mechanical or technical repair, to be durable and comparatively inexpensive to manufacture.

I have described preferred embodiments of my invention but it is understood that various changes may be made in the form, details, arrangements and proportions of the various parts without departing from the scope of my invention.

What I claim is:

Attachments for a telephone instrument of the wall phone type having a base, a handset and a holder that opens and closes the circuit and is adapted to removably hold the handset comprising a holding base with an adjustable extension and means fastening the bottom of said extension to the holding base with means for securing the handset to the upper end of said extension, an elongated bar member with hook shaped end portions being bent downward and inward adapted to hook onto the holder, the bar being weighted so that normally gravitationally it depresses the holder, the bar being manually removable from the telephone base.

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