Nov. 26, 1929. W. M. VALENTINE 1,737,209

TELEPHONE SUPPORT

Filed Nov. 9, 1926 2 Sheets-Sheet 1

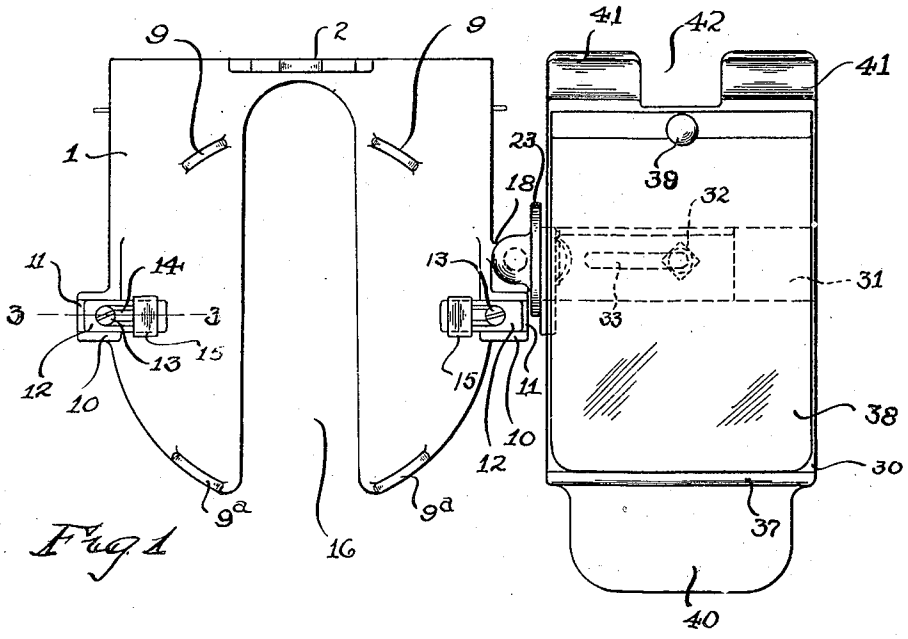


Fig. 1

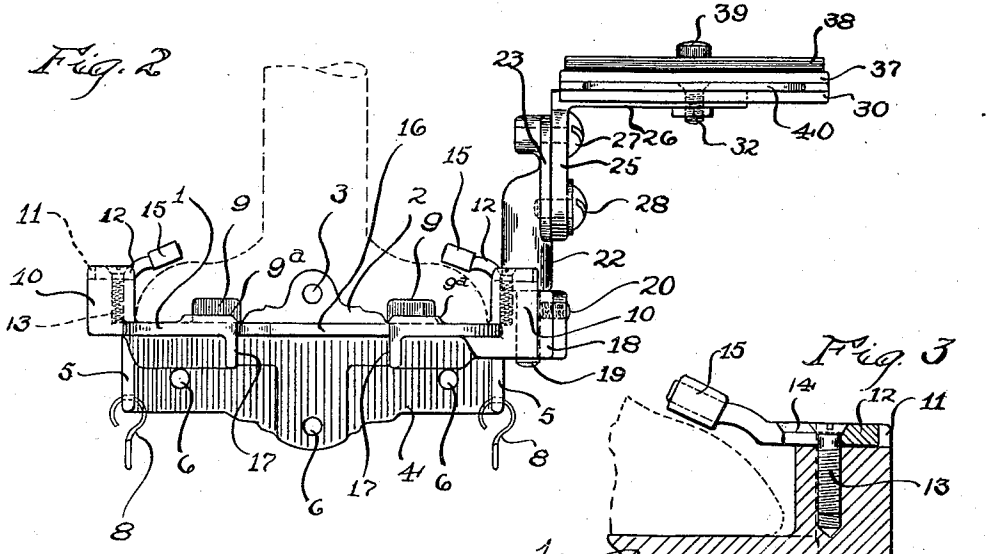


Fig. 2

Fig. 3

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Fig. 4

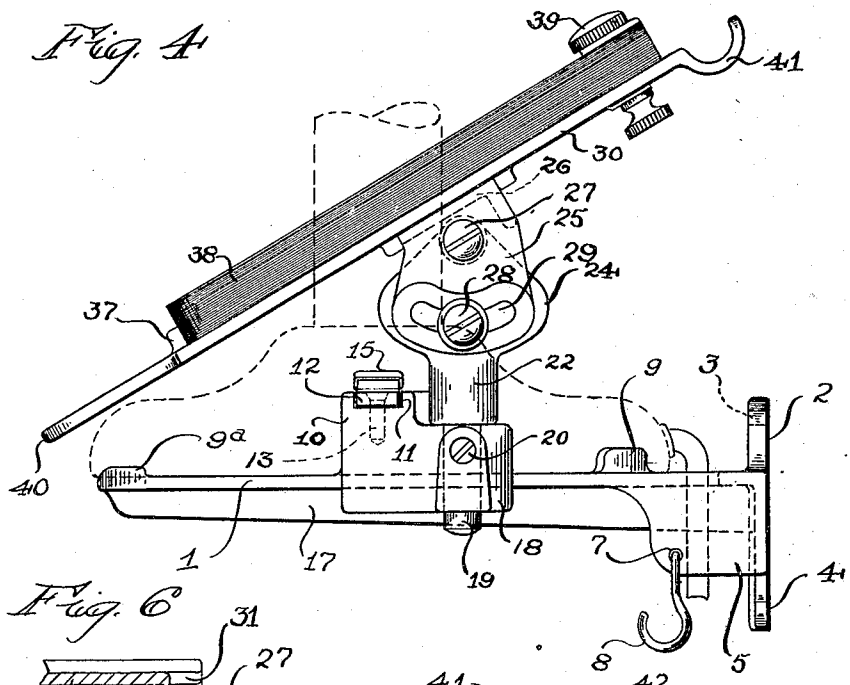
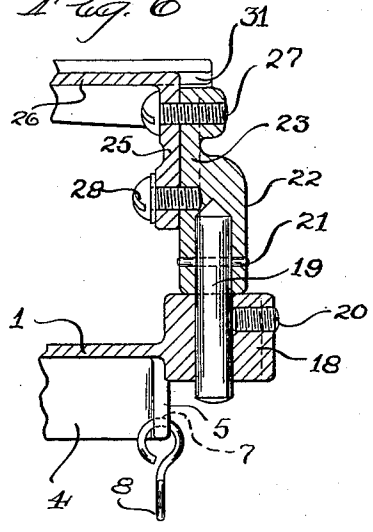


Fig. 6



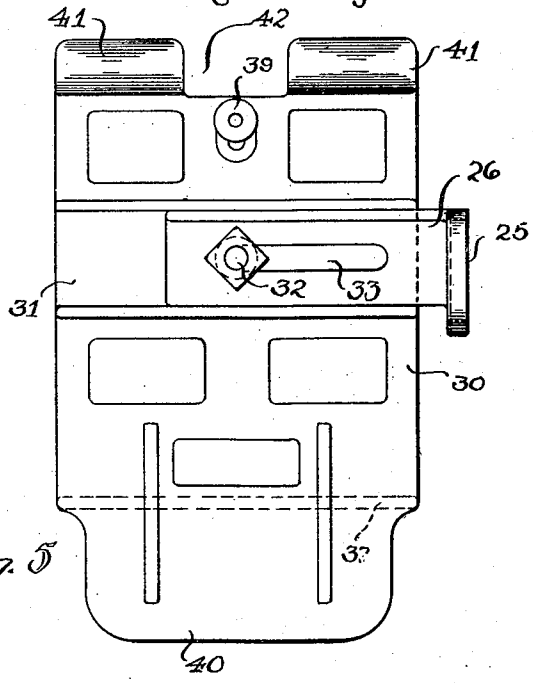


Fig. 5

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UNITED STATES PATENT OFFICE

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TELEPHONE SUPPORT

Application filed November 9, 1926. Serial No. 147,364.

The present invention relates to telephone supports and an object thereof is to provide a telephone support which will effectively hold and support a telephone receiving and transmitting set while permitting the ready removal of set from the support. Another object of the invention is to provide a telephone support which may be made from a single casting with suitable means for sustaining the same from an upright supporting member, and suitable means for retaining the telephone set thereon. Still another object of the invention is to associate with the telephone support a pad holder provided with sufficient adjustments, so that it is permitted to meet the requirements of an individual user. A further object of the invention is to provide the pad holder at one end with a hand rest and at the opposite end with a pencil support constructed to facilitate the removal of the pencil therefrom.

To these and other ends, the invention consists of certain parts and combinations of parts, all of which will be hereinafter described, the novel features being pointed out in the appended claims.

In the drawings:

Fig. 1 is a plan view of an embodiment of the invention;

Fig. 2 is a front view showing a base of the telephone set in dotted lines;

Fig. 3 is an enlarged fragmentary section on the line 3—3, Fig. 1;

Fig. 4 is a side view with the base of a telephone set shown in dotted lines;

Fig. 5 is a bottom view of the pad holder;

Fig. 6 is an enlarged fragmentary section on the line 6—6, Fig. 1.

In the illustrated embodiment there is provided a base plate 1 preferably in the form of a casting having a lug 2 projected from the upper side thereof at the rear edge of the plate and provided with an opening 3 through which a screw may pass, and a flange 4 projected from the underside of the plate at the rear edge and having laterally turned forwardly projecting portions 5. The flange 4 has openings 6 through which screws may be passed and the extensions 5 having openings 7 through which hooks 8 may be passed to suspend telephone directories. The plate 1 has projected from its upper face projections 9 and 9^a which are adapted to cooperate with the margin of the base of a telephone receiving and transmitting set to define the field or position of the base on the supporting plate 1.

Also assisting in the defining of said position are two posts 10 which have their upper ends each provided with guide grooves 11 in which a slide 12 is movable, these slides being held in the guide grooves 11 by set screws 13 which operate within slots 14 of the slides to permit the latter to be projected different distances to overhang the base of the telephone set. The projecting ends of these slides may be covered by rubber bands 15 to protect the base of the instrument. These slides act as retainers and not as clamps, the forward projections 9^a being preferably of less height than the rear projections and providing between their upper ends and the under sides of the retainers sufficient space to permit the base of the set to be readily passed therethrough so that the forward edge of the base may be engaged behind the lugs 9^a and below the retainers, thus effectively holding the set to the support while at the same time permitting ready removal of the set from the support.

A slot 16 extends rearwardly from the forward edge of the plate 1 to a point in rear of the base supporting area defined by the lugs 9, 9^a and 10, this slot being extended entirely across the area toward the rear of the plate. When the telephone transmitting and receiving set is placed upon the base, the conductor cords are passed through the slot 16 as shown on dotted lines Fig. 4 so as to lie at the rear end of the latter beyond the lugs 9 and beyond the area on which the base of the instrument is supported. The slot readily permits the instrument to be displaced from the base 1 and, at the same time, positions the cord in rear of the lugs 9 so that the cord cannot be clamped between the base of the set and the rear end of the slot. Ribs 17 on the bottom of the support 1 not only strengthens the support but they act to pro-

vide a wide bearing which will prevent wear on the cords of the telephone set.

In connection with the telephone support, there is provided a pad holding attachment which is so mounted on the telephone support that, while holding the receiver in the left hand one may make notes with the right hand on the pad on the holder. Suitable adjustable means may be provided which permits the pad to be adapted to the different requirements of the users. In this embodiment of the invention, a socket member 18 is integral with the lug or projection 10 on the right hand side of the base 1 in which is received a post or upright 19. A set screw 20 passes through the socket member 18 and is employed for holding the post 19 against turning in the socket member, although by loosening the set screw 20, the position of the post in the socket member as well as the position of the parts carried thereby may be shifted with reference to the plate 1. This post is pinned at 21 to a casting 22 which rests upon the socket member 18 at its lower end which is provided with a socket in which the upper end of the post 19 fits. This casting has a widened portion 23 formed with a flat face 24. Cooperating with this flat face 24 is a depending portion 25 on a guide 26, the portion 25 also having a flat face. A pivot screw 27 passes through the castings 25 and 22 and permits the angle of the guide 26 to be changed with reference to the base plate 1. A set screw 28 passes through an arcuate slot 29 in the casting 25 and into the casting 22 to hold the guide in its adjusted position about the pivot 27. It will be seen that by tightening the pivot pin 27 and the set screw 28 a firm and rigid connection is provided between the guide 26 and the casting 22.

The guide 26 projects laterally away from the base plate 1 and supports the pad holding plate 30 which for this purpose is provided with a guideway 31 on its underside extending transversely thereof. The pad holding plate carries a bolt 32 centrally thereof which operates through a longitudinally extending slot 33 formed in the guide 26, so that the pad holding plate 30 may be adjusted longitudinally of the guide or laterally with reference to its longitudinal axis toward and from the vertical plane of the plate 1. This pad holding plate has an upper surface provided with a transverse rib 37 in spaced relation to its forward end for engagement by one edge of a pad 38, which by a movable bolt 39 is secured to the upper face of the pad supporting plate 30. Beyond the rib 37, the pad supporting plate is provided with an extension 40 which acts as a rest for the hand while writing upon the pad. Above the pad 38, the pad holding plate is provided with a pencil support, comprising, in this instance, two curved projections 41 on which the pencil may rest, these projections being spaced apart at 42 to provide an opening in order to expose the pencil at an intermediate portion for grasping by the hand of the user.

From the foregoing it will be seen that there has been provided a telephone support in which the telephone receiving and transmitting set is held thereon effectively against displacement, the cord of the set passing downwardly at the rear of the latter so that it cannot be pulled upon to displace the set from the support, due to the fact that any pulls tend to draw the base of the set more firmly to the support. The supporting plate is formed from a single piece of material provided with means to properly center the base of the set thereon and also with means to permit the set to be readily connected to a suitable upright support. There is associated with the centering lugs or means, a retaining means which prevents blows on the side of the set displacing the latter from the support. At the same time these overhanging retaining means permit the set to be quickly removed from the support or to be quickly placed thereon. At one side of the base plate is arranged a pad holder which is so supported that it may be adjusted to the individual requirements of the user while, at the same time, not interfering with the use of the receiving and transmitting set. This pad holder has an extension at one end serving as a rest for the hand and at its upper end it is provided with two spaced curved projections serving as a support for a pencil.

What I claim as my invention and desire to secure by Letters Patent is:

1. A telephone set comprising a supporting member for a telephone set having a supporting surface, a slot open at its forward end and extending through the supporting member from the forward edge of the latter rearwardly to a point in rear of the portion of the member on which the base of the telephone set will rest, means projecting upwardly from the supporting member at the forward portion of the latter to cooperate with the forward edge of the base of a telephone set and means overhanging the supporting surface of the supporting member at opposite sides of the latter to cooperate with the upper surface of the base of a telephone set.

2. A telephone support comprising a supporting member having a slot open at its forward end and extending from the forward edge thereof rearwardly, projections extending upwardly from said supporting member on opposite sides of the slot to cooperate with the rear edge of the base of a telephone set in order to limit the movement of the latter rearwardly on said supporting member, said projections being situated in advance in the rear end of said slot so that the base of the telephone set cannot bind the cord of the telephone set against the rear end of the slot.

3. A telephone support comprising a supporting member provided with a slot open at its forward end and extending rearwardly from the forward edge of the latter, projecting means located at the forward portion of said supporting member on opposite sides of said slot to prevent the base of the telephone set moving forwardly on the supporting member, projecting means extending upwardly from the supporting member to define the position for the rear edge of the base of the telephone set, said means being located on opposite sides of and in advance of the rear end of the slot, and means overhanging the area, defined by said projecting means, from opposite sides of such area, said overhanging means having their lower surfaces so situated with reference to the upper ends of the projecting means that the base of a telephone set may be passed between the overhanging means and the projecting means to remove said set from the supporting member or to place said set upon such supporting member.

4. A telephone support comprising a base plate having means at its rear edge for supporting the same, lugs projected upwardly from the plate to define the rearmost position for the base of the telephone set on said plate, the plate having a slot open at its forward end and extending rearwardly from its forward edge toward the rear of the plate in rear of the field of the base of the telephone set defined by the lugs.

5. A telephone support comprising a base plate having means at its rear edge for supporting the same, lugs projected upwardly from the plate to provide a centered position for the base of the telephone set, the plate having a slot open at its forward end and extending rearwardly from its forward edge toward the rear of the plate in rear of the field of the base of the telephone set defined by the lugs, two of said lugs on opposite sides of the slot being provided with adjustable retaining devices for engagement above the base of the set.

6. A telephone support comprising a supporting member provided with a surface on which the base of a telephone set may rest, means projecting upwardly from the forward edge of the supporting member to cooperate with the base of the set, and overhanging means projecting inwardly from opposite sides of the member over the surface, the projecting means at the forward edge of the supporting member being less in height than the overhanging means and rigid with the supporting member so that the base of a telephone set may be passed over the projecting means at the forward edge of the member and beneath said overhanging means.

WILLIAM M. VALENTINE.