Jan. 22, 1935. B. M. MORRIS 1,988,697

TELEPHONE HOLDER

Filed Feb. 21, 1933 2 Sheets-Sheet 1

Fig. 1

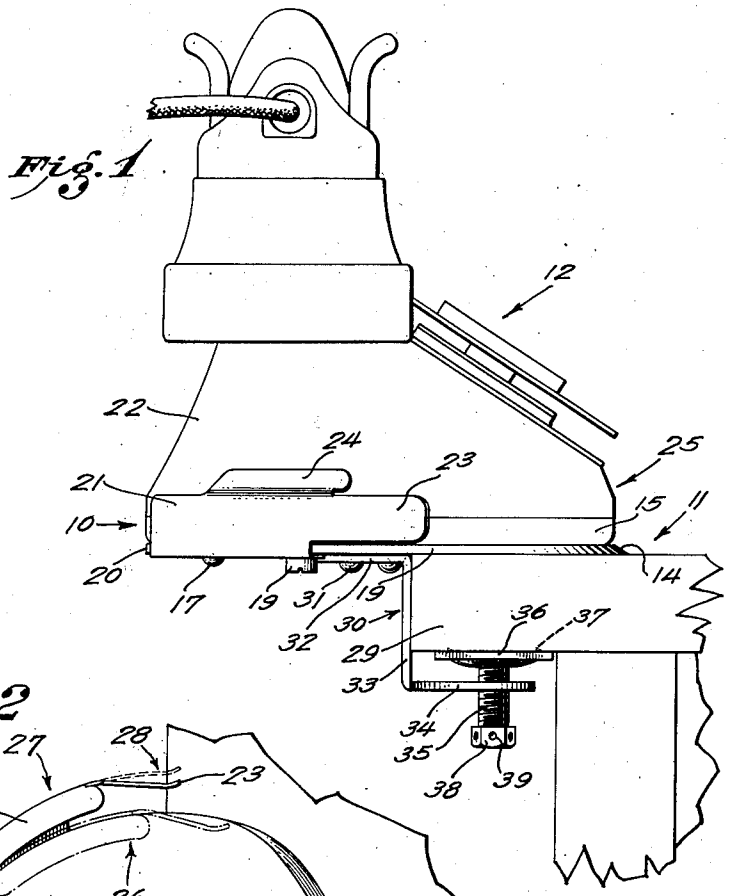
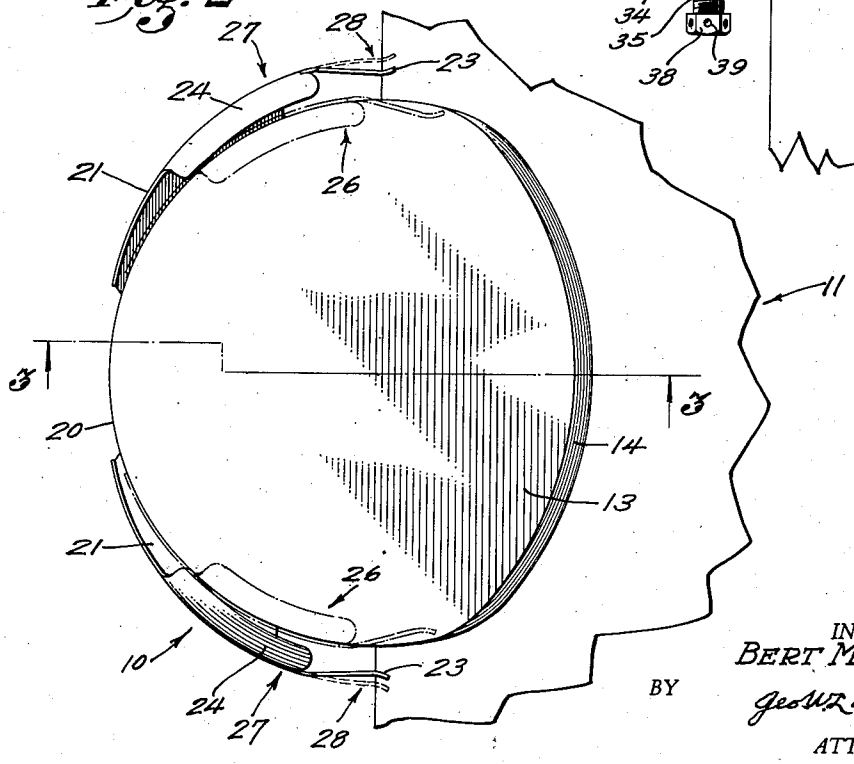


Fig. 2



INVENTOR.
BERT M. MORRIS
BY Geo. W. Lawrence
ATTORNEY

Jan. 22, 1935. B. M. MORRIS 1,988,697

TELEPHONE HOLDER

Filed Feb. 21, 1933 2 Sheets-Sheet 2

Fig. 3

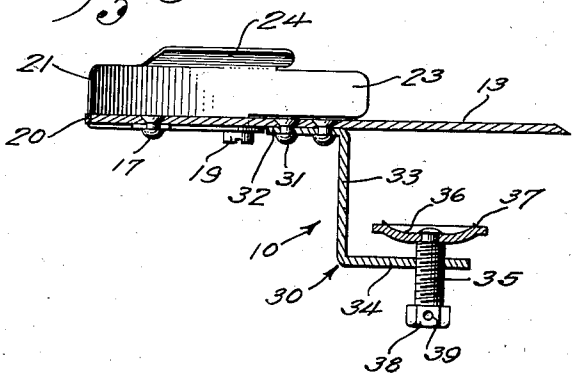


Fig. 4

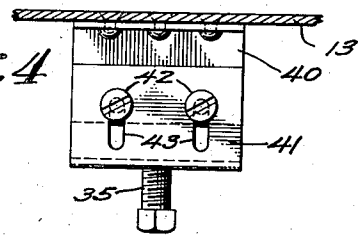
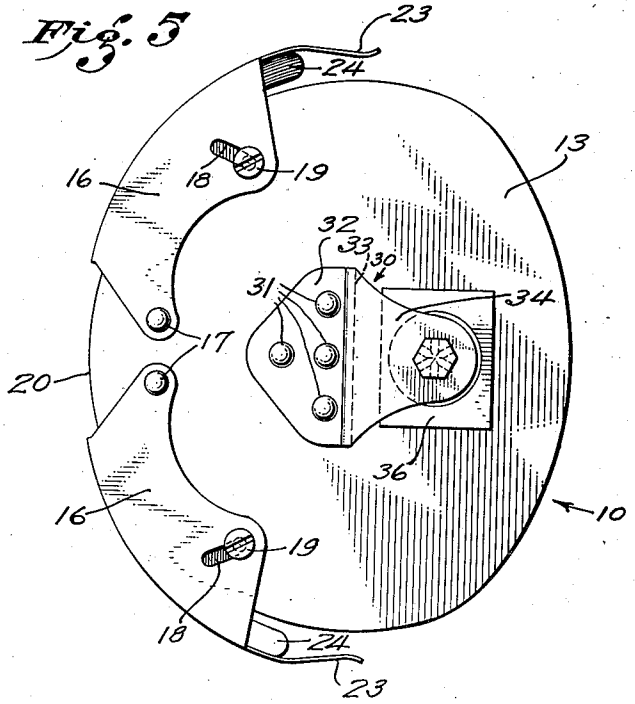


Fig. 5



INVENTOR.
BERT M. MORRIS

BY

Geo. W. Lawrence,
ATTORNEY

Patented Jan. 22, 1935 1,988,697

UNITED STATES PATENT OFFICE

1,988,697

TELEPHONE HOLDER

Bert M. Morris, Los Angeles, Calif.

Application February 21, 1933, Serial No. 657,801

8 Claims. (Cl. 248—20)

This invention pertains to telephone holders, and more particularly to a telephone holder that may be secured to the top of a desk, table or stand adapted to receive the round or elliptical shaped bases of the modern portable telephone instruments.

A principal feature of my invention is to provide means for supporting a telephone at substantially the desk level, without utilizing valuable desk space and so positioned that the telephone stand may be slid on and off the stand on to the desk without lifting.

Another object of my invention is to provide clamping means that are engaged by the telephone base when in position on the stand to secure it against displacement from any ordinary contact.

Another object of my invention is to provide a stand having adjustable clamping means adaptable to be set to properly engage either the round or elliptical bases of telephone stands, and to increase the holding tension on base when necessary and that combine clamping and guide means to firmly retain the telephone base when placed in the stand.

Another object of my invention is to provide a telephone stand adjustable to different thicknesses of desk tops and that may be firmly clamped thereto.

Another object of my invention is to provide a telephone holder having an unusually rigid clamping means for securing it to a desk, and that will project substantially from the desk and thereby remove the telephone from the top of the desk and leave free valuable space for use for other purposes, while at the same time maintaining the telephone in the most convenient position for use.

Another object of my invention is to provide a telephone holder combining utility with simplicity, having no movable parts to cause wear and replacement, that will be sightly and ornamental, constructed of substantial and durable materials, and that may be constructed economically.

With the above and other objects which may hereinafter become apparent, in view, the invention consists in the novel and useful provision, formation, construction, association, and interrelation of parts, members and features, all as shown in a certain embodiment, which I at present deem preferable, in the accompanying drawings, 2 sheets, described generally, and more particularly pointed out in the appended claims.

In the drawings—

Fig. 1 discloses in side elevation a fragment of a desk, my new telephone holder secured thereto supporting a telephone instrument thereon.

Fig. 2 is a plan view of my holder as positioned against a desk top, disclosing the overhang of the holder.

Fig. 3 is a sectional view of the holder from the side taken on irregular lines 3—3 in Fig. 2.

Fig. 4 is a sectional view of a modified form of the clamping means including adjustable features.

Fig. 5 is an inverted plan view of the holder disclosing the clamping means for the holder, and the adjustable guides for the telephone base.

Heretofore telephones have customarily stood directly on desks, taking up space valuable for other purposes, and have been moved here and there over a desk to make room for other articles, or have been supported by separated tables or other means adjacent the desk, placed as convenient as possible to the desk but always being in the way, liable to damage to the instrument through falls, etc., and especially so as to the type of telephone illustrated in the appended drawings has a more delicate mechanism and construction than the types formerly used; this type of telephone becoming more generally used requires a more convenient and safer support than the former telephone instruments.

To the end of providing a safer and more convenient support for the telephone especially adapted to support the present type of telephone instrument I have provided the telephone holder disclosed in the appended drawings in which I secure the holder to the top of the desk, table, stand, or other means of support where it is desired to use the telephone, having the base of the stand substantially the same elevation as the desk that the instrument may be slid on and off the stand directly from the desk top without requiring that the instrument be lifted, providing also that the holder overhang the edge of the desk and thereby remove the instrument substantially from the top of the desk, while maintaining it in the most convenient position for use.

Referring to the drawings in Fig. 1, I show a side elevation of the holder 10 secured to the edge of a desk 11 and supporting a telephone instrument 12.

The holder 10 comprises the flat base or plate 13 constructed of sufficiently heavy material, preferably steel, that it will not bend or give under the strain of the work that will be imposed upon it. The plate 13 is substantially

elliptical in shape as shown in Fig. 2, and the edge 14 which rests upon the desk is beveled at about a 20 degree angle to provide a surface upon which the felt covered base plate 15 of the telephone instrument may readily ride over in being pushed onto the holder, the level of the top of the plate 13 being above the level of the desk 11 the thickness of the metal comprising the plate 13.

Opposite to the edge 14 and to either side of the center are guide members 16, which are pivoted to the underneath side of the plate 13 by means of rivets 17 or other convenient fastening means. The guide members 16 extend from the rivets 17 and have slots 18 adapted to pass set screws 19 which extend therethrough and are engaged in the plate 13, and upon being tightened secure the guide members 16 firmly in an adjusted position.

The guide members 16 extend to the edge 20 of the plate 13, are shaped to extend upwardly to form the guides 21 and are curved to substantially fit the base 22 of the telephone, and have adjacent to edge 14 of the plate 13 extending portions which form the spring arms 23 adapted to engage the telephone base 22 with sufficient tension that normal jarring of the instrument by contact therewith by passing objects will not dislodge the instrument from its position on the holder 10.

The guides 21 are further provided with upwardly and inwardly extending portions 24 which function as addition guide members and are adapted to engage the telephone base 22 above the curved point 25 thereon and prevent the telephone base 22 being tipped up and slipping over the edge 20 of the holder 10.

As recited the guide members 16 are adjustable on the pivot rivets 17 for the purpose of spacing the guide members 16 and their attendant parts to permit their use with two types of telephone bases now in use, namely round and elliptical. The guide members 16 are adjusted to the position indicated in Fig. 2 by the broken lines 26 for use with the round type of telephone base and to the position in the same figure shown in the solid lines 27, and in both positions the parts of the guide members 16 designed to engage the telephone stands will be in position to properly function. The play of the spring arms 23 is indicated by the broken lines 28. The width of the plate 13 between edges 14 and 20 is substantially the width across the base 15 of both types of telephone instruments and therefore the instruments will assume the position disclosed in Fig. 1 when they are in position on the holder 10.

The clamping means provided to clamp the holder 10 to a desk top 29 which projects out sufficiently for that purpose from the desk proper comprises a clamping member 30 which is secured to the under side of the plate 13 of the holder 10 by means of rivets 31 or other suitable means such as welding, and is made of a separate piece of metal and secured thereto in preferment to stamping out a section of plate 13 and utilizing the extended piece for part of the clamping means as it is desired to maintain the plate 13 in an integral piece, and as additional structure would be required to extend the clamping means to provide sufficient structure for clamping purposes and as such additions would be cumbersome and unsightly the structure disclosed is preferred as being more sightly and practical.

The clamping member 30 has a section 32 formed to lie flat against the plate 13, then a section 33 extending at right angles therefrom downwardly a sufficient distance to provide the clamping member to encompass the desk top 29, then a section 34 extending at right angles from the section 33 toward the edge 14 a sufficient distance to provide the proper support for a set screw 35 which is threaded into the section 34 and has a loosely connected foot 36 attached to the inner end thereof adapted to contact the under side of the desk top 29 and upon being tightened firmly clamp the desk top 29 between the said foot 36 and the under side of plate 13. The foot 36 is provided with projecting teeth 37 for engaging the desk 29 and preventing slipping. The other end of screw 35 is provided with any suitable head such as the head 38 adapted to have a convenient tool inserted into the holes 39 to tighten the screw 35. The clamping means 30 when in position against the desk top 29 and tightened by means of screw 35 forms a U clamp between the clamping means 30 and the plate 13, and as recited, the plate 13 is constructed of material of sufficient thickness and stability that when the clamping member 30 is made of the same material and is assembled thereto they unite in one unitary structure to form the recited U clamping means of the required stability that the holder 10 will be firmly positioned and held when clamp 30 is tightened against a desk top.

In Fig. 4 I disclose a modification of the clamping means comprising an adjustable feature provided to be used where my holder may be required to be moved at times to desks or tables having radically different thicknesses. There is provided a supporting member 40 secured to the plate 13 by the recited rivets 32 or by welding and this member is extended downwardly at right angles to form the supporting member for the adjustable clamping member 41 which is shaped similar to the recited sections 33 and 34 of the clamp 30 and provided with a similar screw 35.

To provide for securing the two members 40 and 41 together there are provided set screws 42 threaded into member 40 and passing through slots 43 in member 41, thus member 41 can be set at the required position and tightened to member 41 by the screws 42.

It is intended that where it is desired the holder 10 may be secured to a bracket at the side of the desk, or to an arm, not shown, where the member 40 in Fig. 4 may be secured to the arm by any convenient means.

While the stand illustrated lends itself for use particularly in supporting a telephone as disclosed in Fig. 1, many other uses for such a holder may readily be found, and certain modifications in adapting it to use with other telephones or instruments of different shape may well be made by one versed in the art without departing from my invention as defined in the appended claims.

I claim:

1. A telephone holder comprising a plate, clamping means secured centrally to the said plate forming a U-clamp between said means and said plate to secure said plate to the top of a support and permit a portion of said plate to extend beyond the support, a beveled edge on said plate, and guide means on said plate comprising opposed adjustable members having spring portions at either side of and extending

upwardly from said plate to engage a telephone stand placed therebetween.

2. A telephone holder comprising a plate, clamping means centrally secured to said plate to secure said plate to and over a support permitting a portion of said plate to overhang said support, guide means pivoted to the under side of said plate and extending around and above said plate, and means on the bottom of said plate to secure said guide means in an adjusted position.

3. A telephone holder comprising a plate, clamping means centrally secured to said plate to clamp said plate onto a support permitting said plate to reside partly on the support and partly to overhang the support, guide means at either side of said plate on the overhanging portion pivoted to the under side of said plate and extending beyond and above the edge of said plate to form guide members having spring elements formed thereon to engage the base portion of a telephone receiver supported by said plate, when positioned on a support by said clamping means.

4. A telephone holder comprising a plate, clamping means extending from the central portion of the lower side of said plate forming a U-clamp between said means and said plate to secure said plate to the top of a support and permit a portion of said plate to extend beyond the support, a bevelled edge on the portion of said plate resting on the support, and guide means on said plate pivoted to the under side thereof and having means to secure said guide means in an adjusted position, said guide means extending beyond and above said plate to form curved guide members having spring members formed at one side thereof to engage the vertical portions of a telephone base placed therebetween on said plate and having additional slanting spring members above said guide members to engage the sloping side sections of said telephone base.

5. A telephone holder comprising a plate having a plain upper surface, clamping means secured to said plate to secure said plate to a support, adjustable guide means pivoted to the bottom of and below said plate and extending around and above said plate, spring gripping members attached to said guide means, and means attached to said plate including a screw operating in a slot to secure said guide means in an adjusted position.

6. A telephone holder comprising a plate having a plain upper surface, clamping means secured to said plate to secure said plate on a support, adjustable guide means pivoted at one side to the bottom of said plate, spring means secured to said guide means extending upwardly around said plate and inwardly therefrom to grip and hold therebetween a telephone base, and screw means on the bottom of said plate operating as a securing means in a slot in said guide means at the side of said pivot.

7. A telephone holder comprising a plate having a plain upper surface, clamping means secured to said plate to secure said plate on a support, adjustable guide means pivoted to the bottom of said plate extending outwardly of said plate and upwardly to position a telephone base by said guide means on said plate, and set screw means on the bottom of said plate operating in a slot to secure said guide means in an adjusted position.

8. A telephone holder comprising a plate having a plain upper surface, clamping means on said plate to secure said plate to a support, adjustable guide means on said plate comprising spaced opposed members pivoted to the under side of said plate adjustable on said pivots and extending outwardly and upwardly of said plate, screw means on said plate operating in a slot to secure said guide means in an adjusted position, and spring members secured to said guide means and extending upwardly and horizontally therefrom slanting inwardly to grip therebetween a telephone base when placed on the plain upper surface of said plate.

BERT M. MORRIS.