

Sept. 20, 1932.

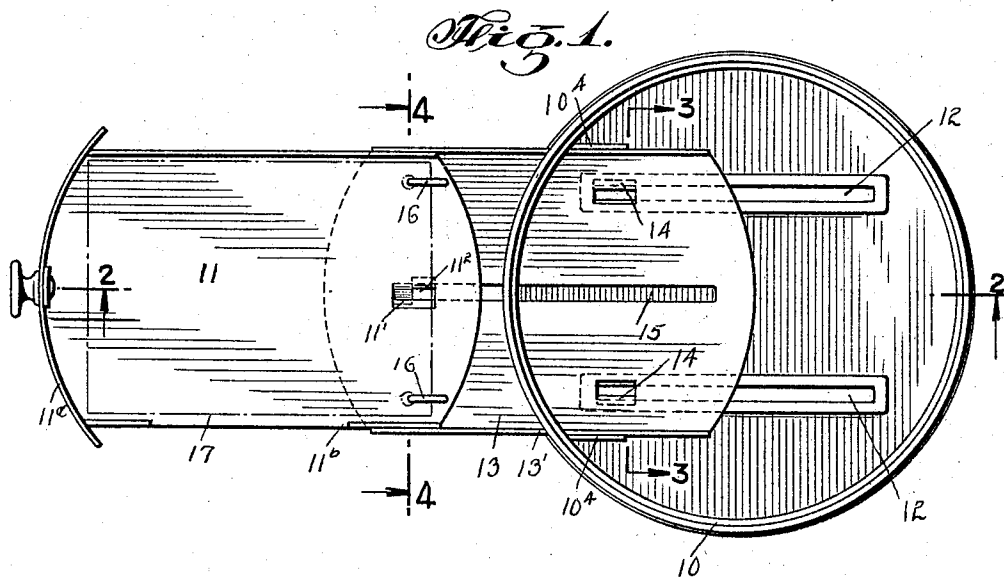
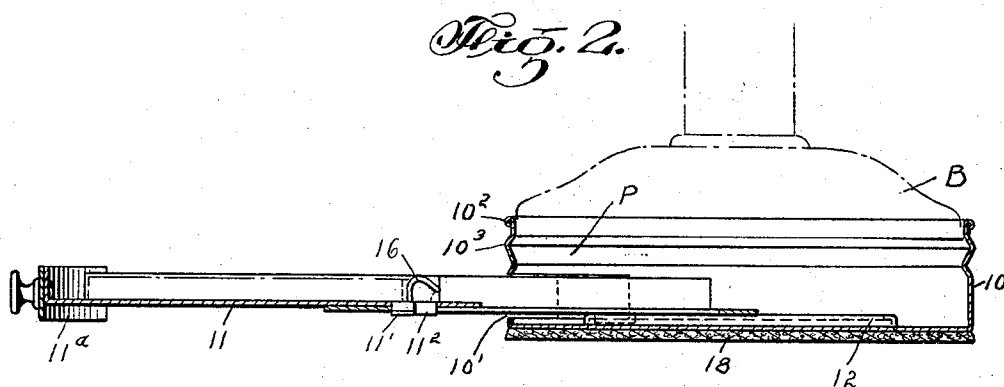
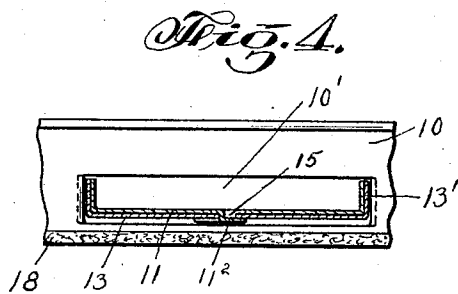
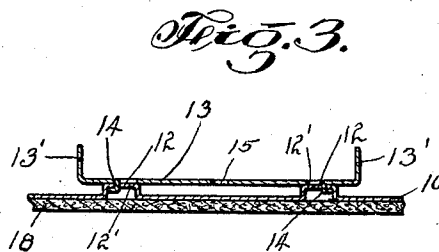
D. RAPPAPORT

1,878,601

TELEPHONE ATTACHMENT

Filed Sept. 26, 1929

2 Sheets-Sheet 1



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Fig. 5.

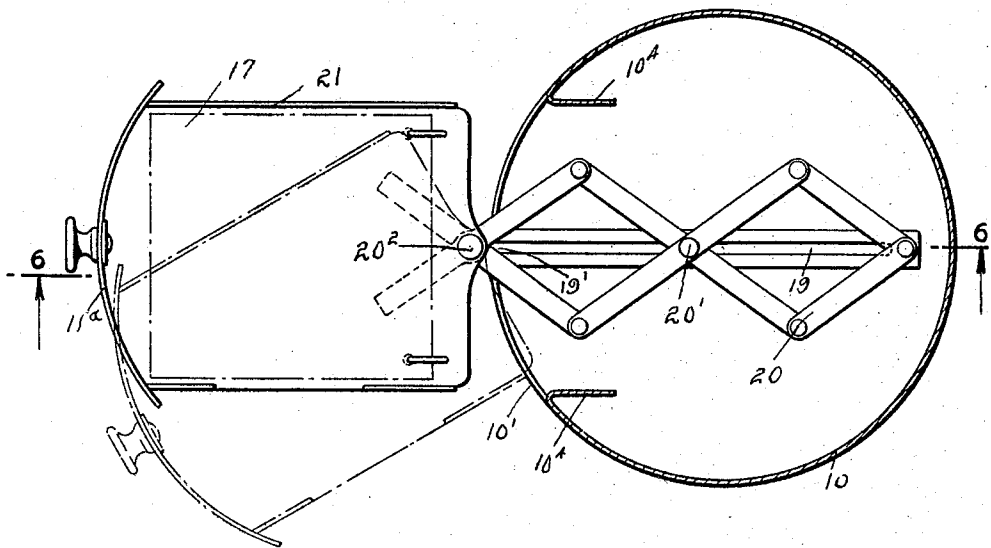
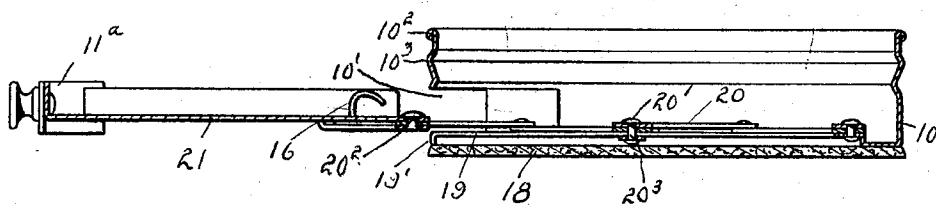


Fig. 6.



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UNITED STATES PATENT OFFICE

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TELEPHONE ATTACHMENT

Application filed September 26, 1929. Serial No. 395,270.

The present application is in part a continuation of the application Serial Number 275,847, filed by me May 7, 1928, and the invention whereof relates to telephone attachments.

One object of the present invention is to provide a construction that will be more effectively held in position on the base of the telephone and lend the latter a neater appearance than that given by the clamping members described and shown in said copending application.

Another object is to provide a construction that can be manufactured more cheaply and with less waste of material than that of the said copending application.

Still another object is to provide a simplified structure.

Yet another object is to provide a device which is applicable to either the ordinary desk telephone or the so called "French" telephone.

With the above and other objects in view my invention consists in the novel construction, combination and arrangement of parts as will be hereinafter more fully described and shown in the accompanying drawings which constitute a part of this specification.

In the drawings, in which similar reference characters denote corresponding parts:

Fig. 1 is top plan view of my device showing the drawer withdrawn from inside the base of said device;

Fig. 2 is a section along line 2—2 of Fig. 1 seen in the direction of the arrows;

Fig. 3 is a section along line 3—3 of Fig. 1 in the direction of the arrows;

Fig. 4 is a section along line 4—4 of Fig. 1 also in the direction of the arrows;

Fig. 5 is a top plan view of a modified device also showing the drawer withdrawn from the inside of the base of said device; and

Fig. 6 is a section along line 6—6 of Fig. 5 in the direction of the arrows.

B denotes the circular base of an ordinary telephone instrument. My device comprises a cup shaped body 10 open at its top and provided with an opening 10' along a portion of its side wall. The top edge of said

support may be beaded over as at 10² and the said wall near the top edge is corrugated as at 10³ to conform with the contour of the said wall and padding P of said circular base B in order that the said support may be mounted on said base B and frictionally or otherwise engage the same. The mounting of said body on said base is accomplished by slipping the corrugated wall of said body over the edge of said base B until the corresponding contours engage each other. The said body then forms an extension on the base of the telephone.

Mounted in said support and adapted to slide through the opening in the side wall thereof is a slidable member or a drawer 11 in which a telephone memorandum pad is suitably attached as will be hereinafter described. The said drawer 11 is so mounted in said support as to permit complete withdrawal from within the same without detachment from the body. This mounting I accomplish by forming spaced parallel slots 12 in the bottom of the support 10. The said slots may for instance be formed by inwardly grooving the bottom of said support and providing slotted openings in the inner horizontal surfaces 12' of said grooves. Adapted to slide through said opening 10' is a guide plate member 13 of metal or other suitable material which is provided with downwardly projecting pins or lugs 14 which extend into said slots 12 and are burred or bent over therein to maintain slidable engagement between said plate member 13 and said body 10. The extent to which said plate member 13 may be slid out from said body is limited by the length of said slots 12, the said lugs 14 abutting against the forward edges of said slots when said plate member is in its outermost position. The longitudinal edges 13' of said plate member 13 are turned upwardly at right angles to said plate and form guides for the drawer 11. The front and rear edges of said plate may be curved so that said plate may be completely concealed within said body 10 when the drawer is in the same.

The drawer 11 is slidably mounted to said plate 13 by means of two lugs 11' and 11² in the bottom thereof, formed, for instance, by

punching or otherwise from the said bottom and which project downwardly into a slot 15 cut in said plate 13 said slot being parallel to said slots 12. The said lugs may be bent in opposite directions to each other on the lower face of said plate member 13. The drawer is so admeasured as to snugly but slidably fit between the guide walls 13' and also so dimensioned that it may be completely concealed in said body 10 when the drawer is retracted, the rear edge of said drawer being curved to fit the inner curved portion of said side wall of said body. The front edge of said drawer is curved and formed with an upstanding wall 11^a to which is attached a grasp for convenient manipulation. Suitably mounted on the bottom of said drawer 11 is a loose leaf mounting of any suitable type, formed in the present instance by two hooklike members 16 projecting upwardly from the bottom of said drawer near its rear end. Adapted to be mounted on said loose leaf mounting and form a memorandum pad are a plurality of cards 17 so admeasured that when the drawer is in retracted position the said pad will be confined in the space below the base B of the instrument and the bottom of said drawer. In this position the upstanding wall 11^a of the said drawer will close the opening 10' in the said body 10.

When the pad is to be used the drawer is withdrawn from the body 10 until the lugs 11' and 11² reach the end of slot 15 and then further withdrawal of said drawer causes plate member 13 to move out until lugs 14 abut the forward ends of slots 12. The pad then extends beyond the base B and there is ample room for jotting down numbers, names, and the like. The double sliding action made possible by the structure employed permits the use of a large sized pad since the drawer may be completely removed from within the said body 10 without detachment from the same.

For smooth operation suitable spring guiding walls 10⁴ may be arranged on the side edges of the opening 10' to slidably engage the side walls 13' of said plate member 13. If desired one of the side walls of said drawer 11 may be cut away as at 11^b to facilitate handling of the pages of the pad. A felt covering 18 may be placed on the bottom of said body to prevent damage to the desk when said body is mounted on a telephone stand.

Another mode of construction is shown in Figs. 5 and 6.

Here the body 10 is the same as before. Instead of the double slot arrangement of the first modification, however, a single raised slot 19 in the bottom of said body extending diametrically and centrally located with respect to the opening 10', is provided. Pivoted to the bottom of said support along the

same diametrical line as said slot is one end of an expansible member such as a lazy-tong construction 20 the sliding central pivots 20' of which are designed to slidably engage in said central slot 19 and be guided therein. The forward or outward end 19' of said slot 19 is open.

A suitable drawer 21 so admeasured as to slidably fit in the opening 10' and frictionally engage the guiding walls 10⁴ is pivotally attached to the forward free end 20² of said lazy-tong construction, whereby when said drawer is withdrawn from the support said lazy-tong construction will unfold forming a support for the said drawer.

The said drawer is similar to the one described for the first modification except that no lugs are provided. Further the said drawer is also so admeasured in depth as to be completely concealed in said body 10 when in retracted position.

In open position the drawer may be withdrawn completely from the body. The limit of withdrawal is determined solely by the lazy-tong construction which may be unfolded to its extreme position and which is so admeasured that in said extreme position the drawer may be swung to the right or left on its pivot joint with the same. This swinging feature increases the convenience of use of said device.

The pivot at the forward free end 20² of the lazy-tong construction need not be guided in the slot 19 unless so desired. It is sufficient if the remaining central pivots 20' are so guided by providing projections 20³ thereon which project downwardly into said guide slot 19 and are burred over therein to prevent removal therefrom. Furthermore the said lazy-tong construction is so admeasured that when the same is completely extended the foremost central pivot 20' does not extend beyond the open end of slot 19. This insures the proper guiding of the drawer into its retracted position at all times.

Of course my device may be modified in many ways without departing from the spirit of my invention and I do not wish to be limited to the details shown and described.

What I claim is:—

1. In a device attachable to a desk telephone stand, a cup shaped body whose circumferential wall is capable of frictionally engaging the base of said stand to form an extension thereof, a withdrawable member slidably secured in said body serving as a support for a memorandum pad, expanding means for permitting complete withdrawal of said member from said body without detachment from the same and for supporting said member, said member being capable of rotation about said expanding means in withdrawn position.

2. In a device attachable to a desk telephone stand, a cup shaped body having an

open top of such diameter as to snugly fit around the circumferential edge of the base portion of said stand, an annular bead on the inner face of said cup below its open top to serve as a rest for said base and a member slidably mounted in said body and serving as a support for a memorandum device or other article.

3. In a device attachable to a desk telephone stand having a padding around the bottom part of its base, a cup shaped body whose upper edge in diameter is so admeasured as to snugly embrace and frictionally engage said padded portion of said base, and which is formed with an annular inner bead below said upper edge to serve as a rest for said base, and a drawer mounted in said cap for holding a memorandum device or other articles.

4. In a device as per claim 3, in which the drawer is composed of at least two superposed interengaging sections, means for slidably engaging the lowermost section with said cup, means for slidably limiting the sliding movement of the lowermost section, means for limiting the sliding movement of the sections relative to one another and a memorandum device attached to the uppermost section.

5. In a device attachable to a desk telephone stand, comprising a cup shaped body whose upper circumferential edge in diameter is so admeasured as to snugly embrace and frictionally engage the base portion of said stand, an annular bead projecting from the inner face of said cup below its upper edge to serve as a rest for said base, a support for a memorandum pad slidably mounted in said cup and expandible means between said support and said cup to slidably engage and guide said support in said cup.

In testimony whereof I affix my signature.
DARIO RAPPAPORT.