To all whom it may concern:

Be it known that I, ANTOINETTE LOUISE SMITH, a citizen of the United States of America, and a resident of Norwood, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Telephone Call-Lists and Memorandum-Slip Attachments, of which the following is a specification.

10. This invention relates to certain improvements in telephone attachments, and more particularly to that class of such devices which are designed and adapted for use in connection with desk-telephones for affording convenient means for making memoranda of subscriber's call-numbers, conversations, &c.; and the object of the invention is to provide a device or attachment of this general character of a simple, compact, and inexpensive nature and of a durable and strong construction, having means whereby such memoranda or notes may be conveniently made and, if desired, preserved within the casing of the attachment so as to be at hand for reference at all times.

The invention consists in certain novel features of the construction, combination, and arrangement of the several parts of the improved telephone attachment, whereby certain important advantages are attained and the device is rendered simpler, cheaper, and otherwise better adapted and more convenient for use than various other similar devices herebefore employed, all as will be hereinafter fully set forth.

The novel features of the invention will be carefully defined in the claims.

In the accompanying drawings, which serve to illustrate my invention, Figure 1 is a side elevation showing an attachment embodying my improvements applied for use to an ordinary desk-telephone. Figure 2 is a transverse section taken through the neck portion of the pedestal of the instrument and showing my improved attachment in plan, portions of the casing being broken out along one side to illustrate the arrangement of the contained mechanism. Figure 3 is a fragmentary view similar to Figure 1, but drawn to a larger scale and showing the attachment in side elevation with portions of the side wall of its casing broken out for purposes of illustration. Figure 4 is a fragmentary broken side elevation showing a modified form of the improved attachment. Figure 5 is a sectional plan view somewhat similar to Figure 2, but illustrating in plan the modified arrangement of the attachment shown in Figure 4. Figure 6 is a sectional detail view showing the spring-retracted roller of the device.

Referring first to Figures 1, 2, and 3, 1 indicates the stem or pedestal of the desk-telephone to which my improved attachment is applied for use, and 2 indicates a reduced portion or neck commonly present on said stem or pedestal, while 3 indicates a forked clamp, the arms of which are adapted to embrace and bear at opposite sides of said neck portion 2 and are perforated for the passage of a bolt or screw 4, by means of which the clamp may be securely attached to the pedestal. 5 indicates as a whole the body portion of the improved attachment which is made in the form of a metallic casing having parallel opposite side walls 6, 6, connected across the top of the casing by a top plate 21, which may be hinged, if desired, to afford convenient access to the contained parts. The lower portion of the casing is constructed with two laterally-arranged rounded chambers 7 and 8, chamber 7 being adjacent to the rear wall of the casing, where attachment is afforded with the clamp upon the telephone pedestal 1 and chamber 8 being of less dimensions and being extended in front of the said chamber 7 and along the front wall of the casing. Each side wall 6 of the casing has attachment points in line with the centers of the respective chambers 7 and 8 outwardly-pressed or swaged sockets or bearings 9, 9, in which are adapted to be received shafts 10, 10, which are extended axially of said chambers and transversely across the casing and which carry rollers or spools 12, 12, wherein are held rolls 13 and 14 of paper or other fabric, the roll 13 being, as shown in Figures 2 and 3, held on shaft 12 in chamber 7, while the roll 14 is held on shaft 12 in the forward chamber 8 of the casing. The clamping device by means of which the improved attachment is held to the telephone-pedestal 1 is constructed with an elongated and horizontally-disposed cross bar or yoke 15, the opposite ends or arms of which are extended at opposite sides of the pedestal 1 and carry means for detachable engagement with the casing or body portion of the attachment, whereby said casing or body portion is detachably held in position upon the cross-bar and is thereby connected with the pedestal 1 in such a way as to be supported thereon in position for convenient use at all times. The extremities 16 of said
oppositely-arranged arms of the cross-bar 15 are provided with bent-over or folded parts which form sockets wherein are received projections or flanges 17, extended from opposite sides of the rear part of the casing or body portion, said rear part of the body portion or casing being also provided with rearwardly-extended upper projections or lugs 18, 18, adapted for engagement when the projections or flanges 17 are engaged in the sockets formed by the extremities 16 of the cross-bar 15 to be engaged upon the upper surface of said cross-bar, as seen in Figs. 1, 2, and 3, in such a way as to securely sup
port the body portion or casing in position for use and upon the cross-bar of the clamping device. This construction is also such that the casing or body portion of the attachment may be conveniently removed from the telephone-pedestal by raising it, as indicated in dotted lines at a in Fig. 3, so that the flanges 17 are disengaged from their sockets, whereby it will be apparent that the casing may be removed from the pedestal without changing or affecting in any way the adjustment of the clamping device and may be as conveniently reapplied in position for use. In this way the rolls 13 and 14 may be readily replaced and adjusted when exhausted.

Indicates a transversely-extended slotted opening produced in the rear part of the top plate 21 of the casing, and through said opening the web of paper from roll 13 in chamber 7 is led, as indicated at z in Fig. 3, being thereafter extended down over the top surface of the top plate 21, as indicated at z', whereby it will be apparent that said top surface forms a convenient rest or support for holding the paper while notes or memo
randa are being made and over which the paper is always extended in position for con
venient use. Along the forward edge of the top plate 21 of the casing is extended a transversely-arranged guide-strip 22, and along the rear part of said top plate is extended a similar guide-strip 20, and by means of these strips it is evident that the web of paper z' will be held down in proper position as it travels over said flat top plate, so that the paper may not be disturbed at any time, and the forward guide-strip 22 forms a straight edge over which the paper may be torn off, as indicated at z" on the drawings, so that after memoranda or notes have been taken they may be removed from the attachment and placed elsewhere for use or preser
vation. The forward wall of the casing is rounded and forms the front wall of the cham
ber 8, wherein the paper or other roll 14 is held on roller 12, and said roller 12 in said chamber 8 may be and preferably will be a spring-retracted roller, as seen in Fig. 6, for which purpose one of its pintles will be flattened, as indicated at 11 on Fig. 4, so that one end of the actuating-spring may be affixed to said flattened pindle 11 and be thereby held to the casing, while the opposite end of said spring is moved in unison with the roller 12, so that the spring may be placed under tension when the strip 24, wound thereon, is drawn from the casing, as will be hereinafter explained, the tension thus placed on said strip being sufficient to reversely turn the roller when said strip 24 is released, so that the strip 24 will be automatically drawn back into the chamber 8 and wound on the roller therein to preserve such memoranda or notes as may be upon the strip within said chamber 8 of the casing, so that the memoranda or notes will be in position for convenient refer
ence at all times. The strip 24, wound on roller 12 in chamber 8, is adapted to be with
drawn from said chamber through a slotted opening 23, produced in the front wall of the casing, and said strip has at its end a handle or enlargement which is indicated at 25 and which may conveniently be given the form illustrated in Fig. 5, having a central project
ning portion adapted to be grasped between the thumb and finger for the withdrawal of the strip from its chamber and having ends which project laterally beyond opposite edges of the strip for engagement on the front wall of the casing at opposite ends of the slotted opening 23 to prevent the end of the strip from being altogether drawn within the cham
ber 8 of the casing. By this construction there is provided an attachment comprising a casing wherein is carried a spring-retracted paper or other roll by means of which may be preserved at the telephone such memo
randa or notes of subscriber's call numbers, &c., as may be desired for frequent use at the telephone, and in addition the casing con
tains another paper-roll, which is carried over a writing surface or support at the top of the casing and is in convenient position to be written upon and from which memoranda or notes may be conveniently separated when desired. In addition the casing is removable from the means whereby it is supported upon the pedestal of the instrument to permit of conveniently replacing the rolls whenever desired.

From the above description of my improve
ments it will be apparent that the device con
structed according to my invention is of an extremely simple and inexpensive nature and is especially well adapted for use by reason of its compact construction and convenience of use, and it will also be obvious from the above description that the device is capable of consider able modification without material de
parture from the principles and spirit of the invention, and for this reason I do not wish to be understood as limiting myself to the precise form and arrangement of the several parts of the device as herein set forth in carrying out my invention in practice. For example, if desired, the construction shown in
Figs. 4 and 5 may be employed. In this construction the rearmost chamber 7 of the casing is omitted and the casing is made cylindrical in form, as shown at 26, and has removable end caps 27 and 28, which may be provided with beads 29 or other equivalent fastening means for holding them in position when applied to the open ends of the casing 26. Within said end caps 27 and 28 are held bearing disks or parts 30, in which the rounded and flattened pintles 10 and 11 of the spring-roller are adapted to be received, said disks or parts 30 having rounded faces adjacent to their peripheries so that any lateral play of the strip or sheet 24 which may occur will not result in mutilation of the edges of said strip or sheet.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a device of the character described, the combination of a clamping device for attachment to the pedestal of a desk-telephone or the like, a casing or body portion having means for detachable connection with said clamping device and having a flat top plate provided with an opening and having rounded chambers at its lower part one of which has an opening through the wall of the casing, rollers journaled in the chambers of the casing and strips of fabric held on the rollers, the strip from one roller being extended through the opening in the top of the casing and being carried over the flat top plate thereof and the other roller being spring-actuated and having its strip passed through the opening in the casing-wall which communicates with the corresponding chamber and provided with a handle outside said casing.

2. In a device of the character described, the combination of a clamping device having arms to engage the neck of a desk-telephone pedestal and having a cross-bar the ends of which are extended at opposite sides of said pedestal and are provided with bent-over or folded extremities and a casing having flanges at opposite sides engaged in said bent-over or folded extremities and provided with projections engaged upon the cross-bar for detachable connection of the casing with said cross-bar.

Signed at Cincinnati, Ohio, this 19th day of December, 1904.

ANTOINETTE LOUISE SMITH.

Witnesses:

JOHN ELLIS JONES,
WILLIAM SCHUCHARDT.