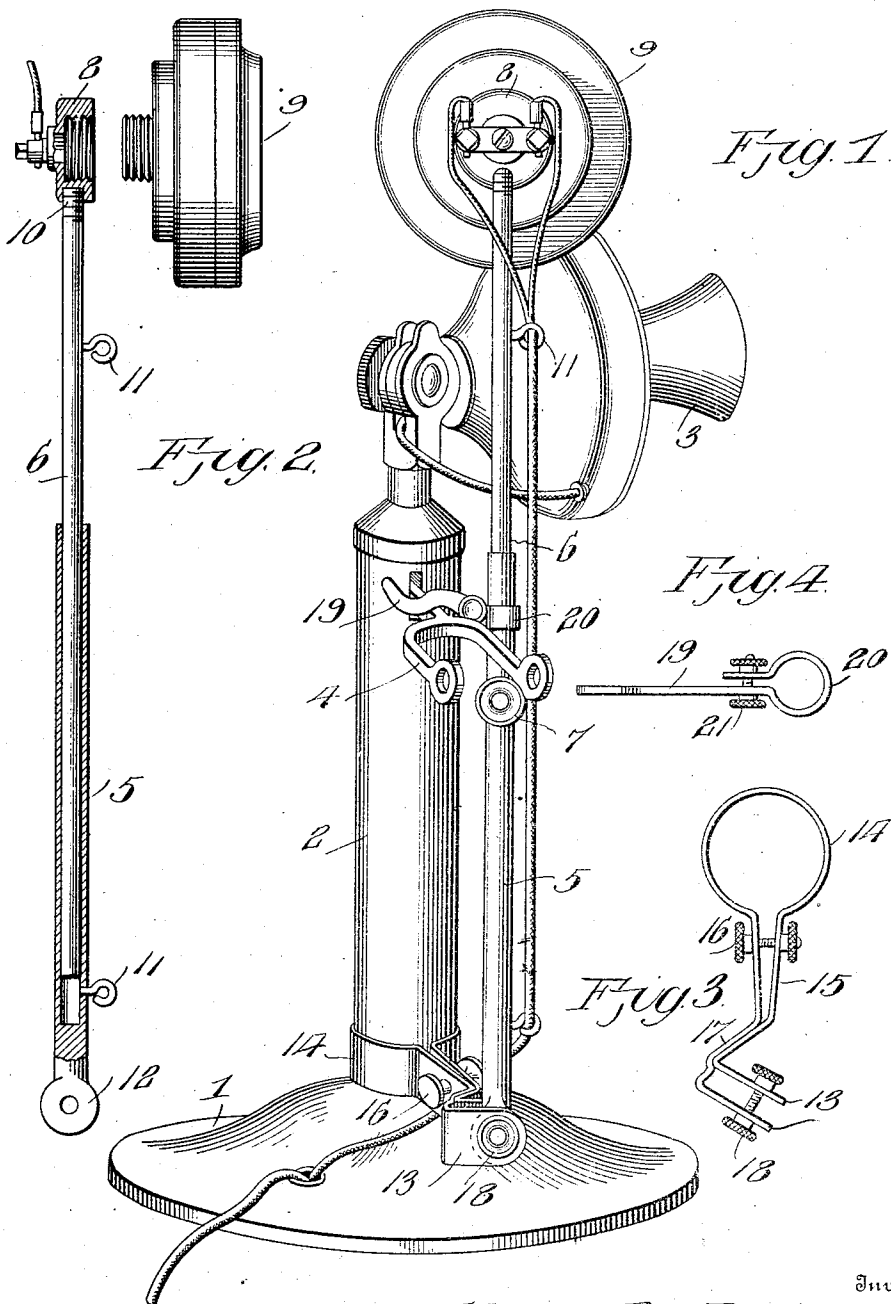


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 TELEPHONE ATTACHMENT.
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939,439.

Patented Nov. 9, 1909.



Witnesses
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UNITED STATES PATENT OFFICE.

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TELEPHONE ATTACHMENT.

939,439.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HENRY R. PALMER, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, have invented new and useful Improvements in Telephone Attachments, of which the following is a specification.

This invention relates to telephone attachments, the object in view being to provide a novel and effective supporting device for the receiver of a telephone which overcomes the necessity of holding the receiver to the ear by hand, leaving both hands free to write or take down orders or memoranda received over the telephone.

By means of the construction hereinafter described, the receiver is adapted to sustain itself in the proper relation to the ear of the operator, being adjustable to suit the position of the receiver and being also adapted when thrown back out of the way to automatically depress the receiver hook and disconnect the telephone from the central office.

With the above and other objects in view, the invention consists in the novel construction, combination and arrangement of parts as herein fully described, illustrated and claimed.

In the accompanying drawings:—Figure 1 is a perspective view of a telephone of the desk set type, showing the invention applied thereto. Fig. 2 is a sectional elevation of the extensible receiver supporter standard, showing the receiver used in connection therewith. Fig. 3 is a plan view of the clip which screws the attachment to the transmitter. Fig. 4 is a plan view of the adjustable disconnecting arm.

Referring to the drawings, Fig. 1 shows the ordinary desk telephone comprising the usual base 1 and the upstanding cylindrical body 2 to the top of which is connected the transmitter 3 while 4 designates the usual receiver hook upon which the receiver is placed to automatically disconnect the telephone, the said parts being of the usual construction and arrangement.

In carrying out the present invention, I employ a longitudinal extensible standard comprising the lower tubular member 5 and the upper telescopic member 6 which is slidable in the member 5 and adapted to be held at any desired point of adjustment by means of a clamping screw 7. The socket member 8 of the receiver 9 is fastened on the upper end of the member 6 preferably by screw-

threading as indicated at 10 and both of the members 5 and 6 are provided with eyes 11 through which the wire or wires leading to the receiver are inserted. The lower end of the member 5 is formed into a flat eye 12 having parallel sides and said eye is frictionally held and pivotally mounted between oppositely arranged spring arms 13 of a clip for securing the standard to the cylindrical portion 2 of the transmitter just above the base 1 as shown in Fig. 1. This clip is bent to form a circular band portion 14 which embraces the barrel 2 and the under portions of said band are extended laterally outward as shown at 15 to receive a clamping screw 16 by means of which the band is tightened securely around the barrel of the transmitter. The arms of the clip are then extended in close parallel relation to each other as shown at 17 and then bent at the proper angle to form the spring jaws or terminal portions 13 between which the eye 12 of the extensible standard is clamped and frictionally held by means of a screw 18. This enables the standard to be disposed at any desired angle to bring the receiver 9 into proper relation to the ear of the operator and by reason of the frictional engagement of said standard with the base clip, the receiver is thus held in any position to which it is adjusted without requiring any further attention on the part of the operator.

19 designates a disconnecting arm which as shown in Fig. 1 is of ogee form so as to engage the shank of the receiver hook 4 and interlock therewith as shown in Fig. 1 thereby holding the receiver hook down and also holding the receiver supporting standard close up to the barrel or cylindrical post 2 of the transmitter as shown in Fig. 1. This disconnecting arm is formed out of a strip of sheet metal one end of which is bent to form a circular band 20 of a size adapted to closely embrace the member 5 of the receiver standard, the arm 19 being rendered adjustable up and down on the member 5 of the standard by means of a clamping screw 21 which operates to tighten the band 20 around the member 5 in the manner which will be readily understood. In this way the disconnecting arm 19 may be adjusted to the necessary height on the receiver standard to cooperate with the receiver hook 4 for the purpose stated.

Having thus described the invention, what is claimed as new, is:—

In a desk set, the combination with the transmitter supporting column, of a clip consisting of a metal strap, encircling said column and having the opposite ends thereof brought into parallel relation to each other to form clamping jaws disposed at an angle to the line of projection of the mouth piece of the transmitter, a clamping screw connecting said jaws, a tubular receiver supporting standard embodying telescopic sections and having its lower end held between the clamping jaws of said clip adapting said standard to swing toward and away from

the receiver hook at an angle to the line of projection of the mouth piece of the transmitter, and a disconnecting arm adjustably mounted on said standard and adapted to interlock with the receiver hook of the transmitter and hold the receiver standard in an upright position.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY R. PALMER.

Witnesses:

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