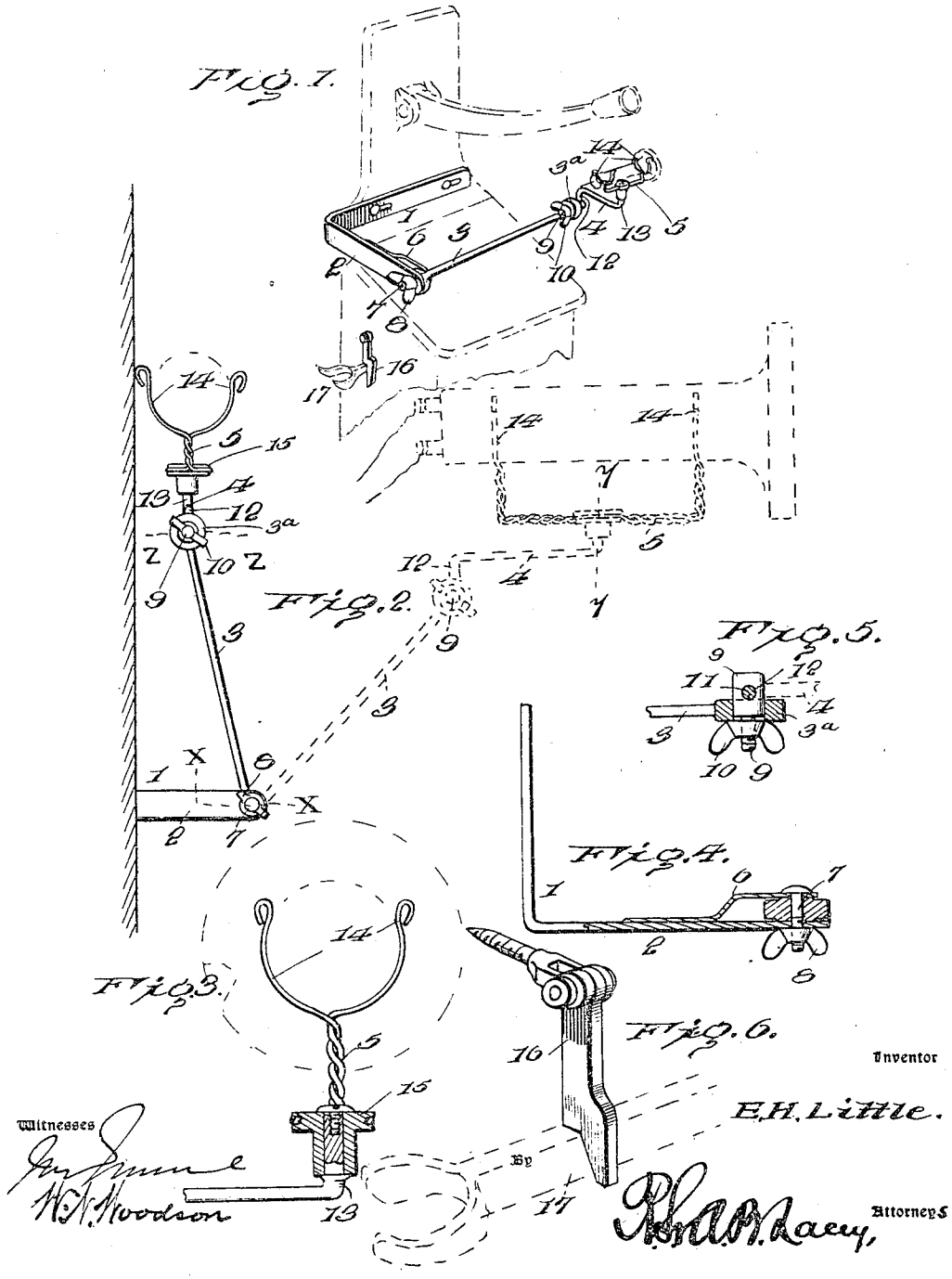
No. 787,386. PATENTED APR. 18, 1905.

E. H. LITTLE.

SUPPORT FOR TELEPHONE RECEIVERS.

APPLICATION FILED AUG. 24, 1904.



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UNITED STATES PATENT OFFICE.

ELDRIDGE HARRY LITTLE, OF OSKALOOSA, IOWA.

SUPPORT FOR TELEPHONE-RECEIVERS.

SPECIFICATION forming part of Letters Patent No. 787,386, dated April 18, 1905.

Application filed August 24, 1904. Serial No. 222,012.

To all whom it may concern:

Be it known that I, ELDRIDGE HARRY LITTLE, a citizen of the United States, residing at Oskaloosa, in the county of Mahaska and State of Iowa, have invented certain new and useful Improvements in Supports for Telephone-Receivers, of which the following is a specification.

This invention embodies a special construction of bracket or like supporting device adapted to be attached to either a wall-telephone or to a desk-telephone and designed to hold the receiver of the telephone to the ear of the operator, so that his hands may be free for writing or similar purposes or for handling books.

The essential feature of the invention resides in the peculiar mounting of the parts of the support, whereby a nicety of adjustment thereof may be secured in disposing the holder for the receiver in a convenient position for the purpose above mentioned.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing the embodiment of the invention in actual use. Fig. 2 is a view showing the supporting device in elevation, the parts being adjusted in one of the positions assumed thereby when the invention is not in use, the device being shown in operative position in dotted lines. Fig. 3 is a vertical sectional view of the construction, taken on the line *y y* of Fig. 2. Fig. 4 is a horizontal sectional view taken on the line *x x* of Fig. 2. Fig. 5 is a detail broken section taken on the line *z z* of Fig. 2. Fig. 6 is a detail perspective view of the lock-dog for holding down the switch-arm, the switch-arm being shown in dotted lines.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Generally describing the invention, the same consists of a bracket 1 of somewhat angular formation which is adapted to be suitably secured to the telephone, and for this purpose any substantial fastening means may be utilized. The bracket 1 may be permanently attached by means of screws or similar fastenings or may be clamped to the telephone, so as to admit of ready removal thereof whenever desired within the contemplation of the invention. A horizontal arm 2 projects from the bracket 1 and is preferably integral with the bracket. Pivoted at its inner end to the arm 2 aforesaid is a vertically-adjustable arm 3, at the outer end of which is carried a supporting member 4, provided with the receiver-holder 5. The arm 2 of the bracket is provided adjacent its outer end with a spring-plate 6, spaced therefrom, and openings are provided in the plate 6 and the outer extremity of the arm 2, through which is passed a transverse set-screw 7. The inner end of the pivoted arm 3 is enlarged and provided with an opening receiving the screw 7, which latter has a thumb-nut 8, adapted to screw thereon, so as to firmly position the pivoted arm 3 at an ascertained adjustment. The pivoted arm 3 is movable vertically and admits of use of the device by persons of different heights in a manner which will be readily comprehended. The outermost end of the pivoted arm 3 is likewise enlarged, as shown at 3^a, and provided with a transverse opening through which passes a binding-screw 9, one end of said screw being threaded to receive a thumb-nut 10, similar to that used with the set-screw 7, the opposite end of the binding-screw 9 having an opening 11 therethrough. The opening 11 of the screw 9 receives an extension 12, projected angularly from the supporting member 4, and the mounting of this member 4 with reference to the screw 9 admits of a circular or rotary movement of the member 4 in a horizontal plane and in a vertical plane parallel with the plane of movement of the pivoted arm 3. The member 4 is preferably made of a bar having one end bent to form the extension 12, the opposite end being also bent, as

shown at 13, to receive the holder 5. The holder 5 is provided with spaced pairs of spring-fingers 14, said fingers being designed to receive the body of the receiver of the telephone and by their spring coöperation hold said receiver quite rigidly in place. The holder 5, as illustrated, is made of two lengths of wire twisted about each other between the ends thereof and having the extremities spaced and curved to form the fingers 14 mentioned above. The lengths of wire from which the holder 5 is formed are separated at a point about intermediate of the extremities thereof, so as to pass about a collar or ring 15 rotatable upon the bent end 13 of the supporting member 4.

From the description of the construction of my invention hereinbefore set forth it will be noted that in addition to the vertical disposition of the pivotal arm 3 the member 4 is laterally adjustable by rotary movement in a horizontal plane, said member 4 being fixed at an adjustment by tightening the nut 10 of the binding-screw 9, this causing the extension 12 of the part 4 to frictionally engage the side of the enlargement 3^a. The supporting member 4 is also designed in securing a nicety of adjustment for vertical movement, such movement being secured by a rotary movement of the binding-screw 9 upon the end of the pivoted arm 3. In addition to the above the holder 5 itself is rotatably mounted upon the member 4. When in use, the holder 5 will support the receiver neatly against the ear of the operator, the horizontal arm 2 of the bracket 1 having a certain degree of spring action in accomplishing the above.

When it is not desired to use the invention, the arm 3 may be thrown upwardly, and the device will then be out of the way convenient for service whenever necessary.

If the invention is constantly utilized to support the receiver of the telephone, the pivoted dog 16 is secured to the telephone adjacent the switch-arm 17 of the telephone, and this dog may be thrown into engagement with said switch-arm, so as to hold this arm down when the receiver is being supported permanently by the holder 5. The dog 16 can readily be thrown into and out of engagement with the switch-arm 17 and will be made in suitable lengths for use on different phones.

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

1. In a support for telephone-receivers, the combination of a bracket, an arm pivoted at its inner end to the bracket and vertically adjustable thereon, a binding-screw at the outer end of said arm, a supporting member rotatably mounted upon the binding-screw aforesaid, an adjusting-nut coöperating with the binding-screw to fix the position of the supporting member, and a holder carried by the said supporting member.

2. In a support for telephone-receivers, the combination of a bracket adapted for attachment to a wall or the like, a horizontal arm projecting from the bracket, a vertically-movable arm attached at its inner end to the horizontal arm of the bracket, a transverse binding-screw at the outer end of the pivoted arm provided with an opening therethrough, a nut coöperating with said screw, a supporting member provided with an extension received by the opening in the binding-screw, and a holder for the receiver rotatably mounted upon said supporting member.

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

ELDRIDGE HARRY LITTLE. [L. S.]

Witnesses:
W. E. SPENCER,
CARROLL E. SAWYER.