A. S. ELLSWORTH.

ATTACHMENT FOR WALL TELEPHONES.

APPLICATION FILED JUNE 15, 1914.

1,118,751. Patented Nov. 24, 1914.

Fig. 3.

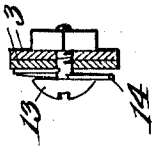


Fig. 4.

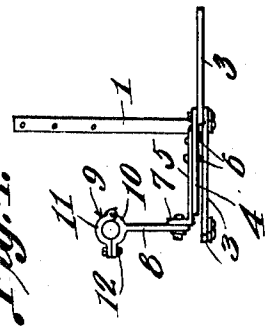


Fig. 2.

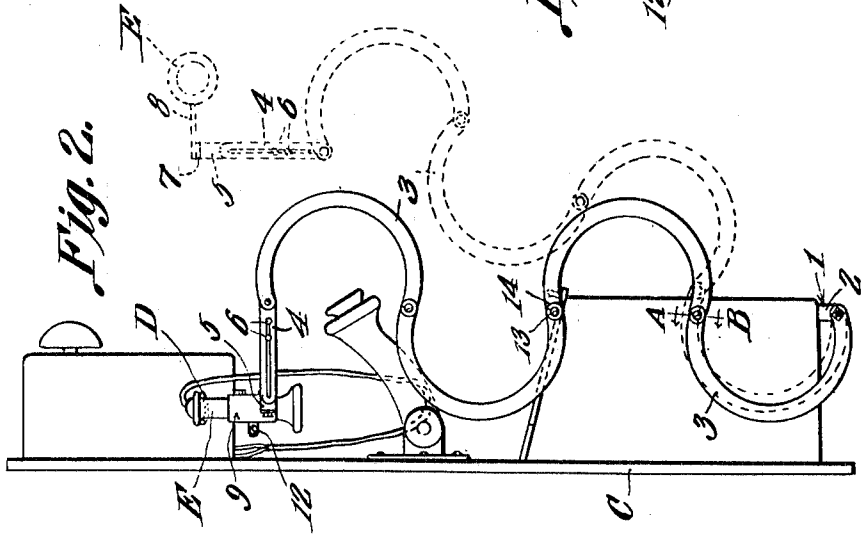
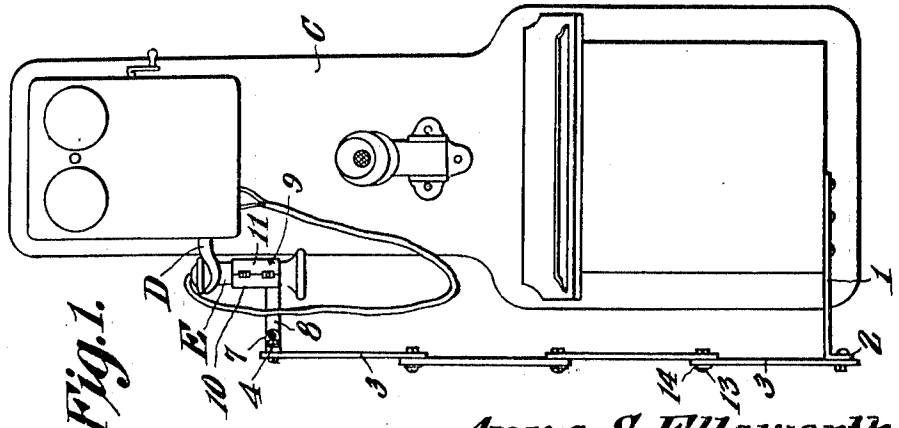


Fig. 1.



Witnesses

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ATTACHMENT FOR WALL-TELEPHONES.

1,118,751. Specification of Letters Patent. Patented Nov. 24, 1914.

Application filed June 15, 1914. Serial No. 845,200.

To all whom it may concern:

Be it known that I, ANNA SHERIDAN ELLSWORTH, a citizen of the United States, residing at Oakes, in the county of Dickey and State of North Dakota, have invented a new and useful Attachment for Wall-Telephones, of which the following is a specification.

This invention relates to telephone attachments, its object being to provide a support for the receiver of a telephone, the said attachment being especially designed for use in connection with a wall telephone and being adapted to hold the receiver at the ear of the user of the telephone so that the necessity of holding the receiver at the ear with one hand is avoided.

A further object is to provide a receiver supporter which allows the receiver to be suspended from the hook as ordinarily, when not in use.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, can be made within the scope of what is claimed, without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings:—Figure 1 is a front elevation of a wall telephone having the present improvements combined therewith. Fig. 2 is a side elevation, the position of the parts, when the receiver is supported in active position, being indicated by dotted lines. Fig. 3 is an enlarged section through one of the joints of the support, said section being taken on the line A—B Fig. 2. Fig. 4 is a plan view of the attachment with the parts in the positions shown in Figs. 1 and 2.

Referring to the figures by characters of reference C designates a wall telephone of the usual or any preferred form, the same being provided with the usual hook D designed to support the receiver E.

The attachment constituting the present invention includes a supporting strip 1 secured in any suitable manner to the bottom portion of the telephone and extending laterally therefrom, the outer end of this strip being provided with an ear 2 to which is pivotally connected the lower end of an arcuate link 3. A series of these links is provided, each link being arranged oppositely to the next adjoining link thereabove and the upper one of the links being pivotally connected to a straight longitudinally slotted strip 4 on which an extension strip 5 is slidably mounted, this extension strip being provided with lugs 6 adapted to slide within the slot in the strip 4. An ear 7 is extended laterally from one end of the extension strip 5 and is pivotally connected to an arm 8 formed with or secured to a clamp 9. This clamp can be of any desired construction and the form illustrated in the drawings is made up of hingedly connected members 10 and 11 adapted to be placed about the receiver E and to be secured in position by means of a screw 12 or in any other desired manner. Obviously other forms of clamps can be used if desired.

Each of the joints between the links 3 and between the strip 1 and the lower link 3, the strip 4 and the upper link 3, and between the arm 8 and ear 7, is sufficiently tight to support the various parts in any positions to which they may be moved even while upholding the receiver E. The proper frictional engagement at the joints can be obtained by using screws 13 as pivots and, by tightening these screws, the links and other parts pivotally connected can be caused to bind upon each other. If preferred, however, a spring washer 14 can be mounted on each of the pivot devices 13, this washer being designed to bind the pivotally connected elements together with practically the same degree of pressure at all times and irrespective of any wear which may take place. Consequently, when the receiver E is removed from the hook D, it will be supported by the attachment in any position to which it may be moved.

When it is desired to use the attachment, the strip 1 is attached to the bottom portion of the telephone and the clamp 9 is secured about the receiver E. Arm 8 is then swung relative to the extension strip 5 until it is brought to a substantially horizontal position whereupon the receiver E is placed on the hook D so as to be supported thereby. With the receiver thus positioned, the links constituting the main portion of the attach-

ment will be supported close to and at one side of the telephone where they will not be undesirably conspicuous. When it is desired to use the receiver E, it is lifted from the hook D as ordinarily and is then drawn outwardly while, at the same time, the strips 4 and 5 are adjusted relative to each other and the arm 8 is swung upon its pivotal connection with the ear 7 so that the receiver can thus be brought to position opposite the ear of the user of the telephone. By reason of the fact that all of the joints included in the attachment are sufficiently tight to support the receiver in any position to which it may be moved, it will be obvious that as soon as this adjustment of the receiver to the ear of the user has been effected, it will stay in such position until it has been moved back to the hook D.

What is claimed is:—

A receiver supporting attachment for telephones, including an attaching strip, a series of arcuate links pivotally connected at their ends to each other, the lower one of said links being pivotally connected to said strip, a receiver engaging clamp, an arm extending therefrom, an extensible connection between said arm and the upper one of the links, said connection being pivotally attached to the arm and link, all of the pivotal connections of the attachment being adapted to bind the engaged parts of the attachment together with sufficient pressure to hold the receiver in any position to which it may be adjusted.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ANNA SHERIDAN ELLSWORTH.

Witnesses:

EMANUEL E. LARSON,

P. D. REAGAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."