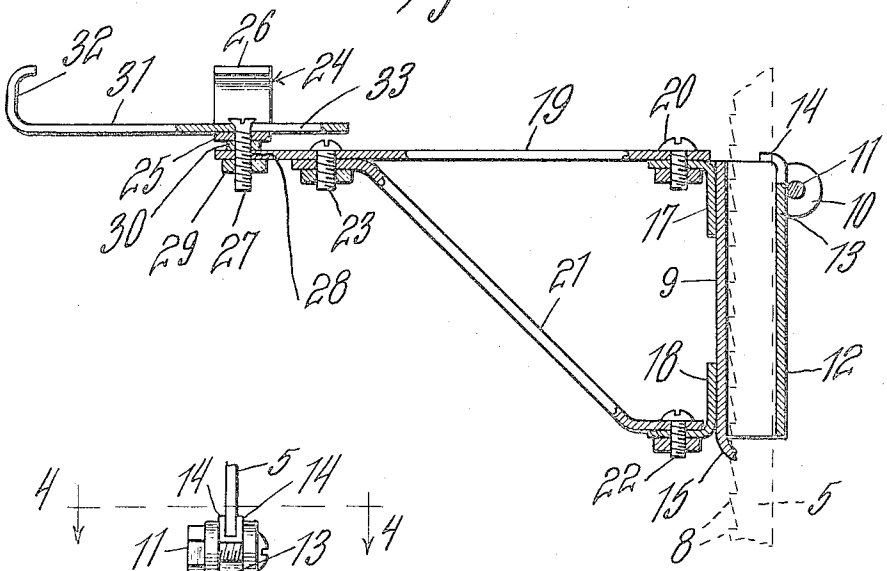
C. C. PRIEST.

SUPPORT FOR TELEPHONES OR THE LIKE.

APPLICATION FILED MAY 7, 1915.

1,182,706. Patented May 9, 1916.

Fig. 2.



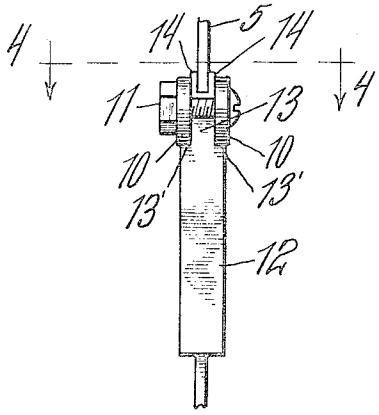


Fig. 3.

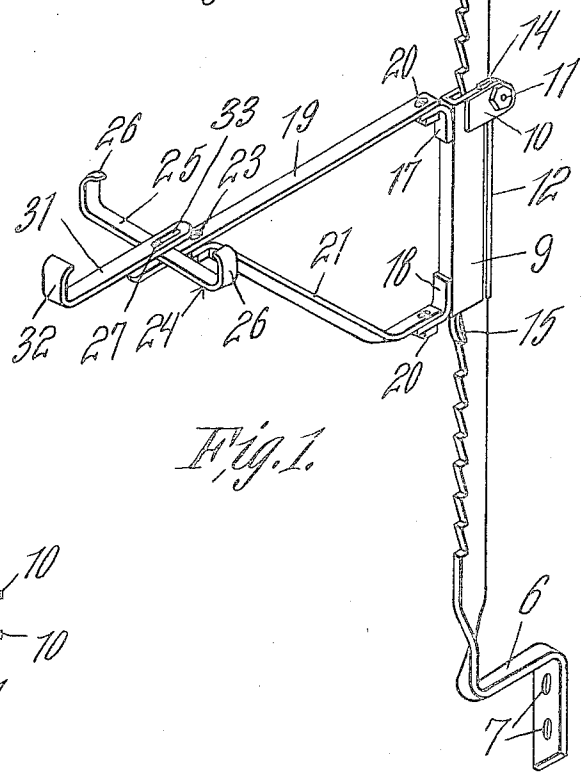


Fig. 1.

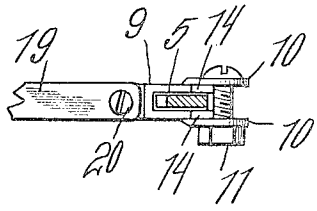


Fig. 4.

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UNITED STATES PATENT OFFICE.

CHARLES C. PRIEST, OF EL PASO, TEXAS.

SUPPORT FOR TELEPHONES OR THE LIKE.

1,182,706. Specification of Letters Patent. Patented May 9, 1916.

Application filed May 7, 1915. Serial No. 26,631.

To all whom it may concern:

Be it known that I, CHARLES C. PRIEST, a citizen of the United States, residing at El Paso, in the county of El Paso and State of Texas, have invented certain new and useful Improvements in Supports for Telephones or the like, of which the following is a specification.

My invention relates to improvements in adjustable supports for holding telephones or the like, while not necessarily restricted to such use.

An important object of the invention is to provide means of the above mentioned character, which are simple in construction, inexpensive to manufacture, and highly convenient in use.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same, Figure 1 is a perspective view of an adjustable support embodying the invention, Fig. 2 is a side elevation of the adjustable support-member or bracket, parts being shown in section, Fig. 3 is an edge elevation of the carriage with parts omitted, and, Fig. 4 is a horizontal sectional view taken on line 4—4 of Fig. 3.

In the drawings, wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 5 designates a relatively stationary substantially vertical bar, the opposite ends of which are preferably twisted, providing substantially L-shaped attaching members or brackets 6, which are apertured at 7 for receiving screws or bolts, adapted to secure the same to a stationary support, not shown. Upon its forward longitudinal edge, the bar 5 is provided with teeth or ratchet-teeth 8 facing upwardly, as shown.

Slidably mounted upon the bar 5 is a carriage 9, which is substantially U-shaped in horizontal cross-section. This carriage is provided at its upper end with rearwardly extending apertured ears or knuckles 10, extending outwardly beyond the bar 5 for a substantial distance, as shown. These apertured knuckles receive a connecting bolt or pin 11, as shown.

The numeral 12 designates a preferably flat leaf-spring, engaging the longitudinal edge of the bar 5 opposite the teeth 8 and covering the open side of the carriage 9. The leaf spring 12 is provided at its upper end with a reduced portion 13, forming shoulders 13′, engaging beneath the knuckles 10, as shown. The upper end of the reduced portion 13 is forked providing spaced fingers 14, which are bent horizontally inwardly to engage with the top of the knuckles 10 or the carriage 9, as shown. It is thus apparent that the leaf-spring 12 is securely attached to the upper end of the carriage. At its lower end and upon the side adjacent the teeth 8, the carriage is provided with a depending tooth 15, bent laterally for engagement with the teeth 8.

Rigidly secured to the upper and lower ends of the carriage 9 are apertured ears or knuckles 17 and 18. Arranged upon the knuckle 17 is an upper horizontal arm 19, pivoted thereto by means of a pivot element 20. Engaging with the lower knuckle 18 is an inclined arm 21, secured thereto by a pivot element 22 or the like, as shown. The arms 19 and 21 have their outer or free ends rigidly connected by means of a bolt 23 or the like, with the end portion of the arm 19 extending outwardly beyond the bolt 23 for a substantial distance. It is thus apparent that the arms 19 and 21 constitute a horizontal swinging support-bracket.

The numeral 24 designates an adjustable clamp as a whole, carried by the free end of the arm 19, and adapted to receive and hold the base of a telephone. This clamp embodies a transverse strip or member 25, having upturned ends or fingers 26 and apertured between its ends for receiving a clamping bolt 27, also passing through an aperture 28 into the arm 19. The clamping bolt 27 carries a nut 29, as shown. A spacing ring 30 is preferably arranged between the strip 25 and the outer end of the arm 19, as shown. Co-acting with the transverse strip 25 is a longitudinal strip 31, provided at its outer end with an upturned portion or finger 23, and at its inner end with a longitudinal slot 33, receiving the upper end of the bolt 27, as shown. It is obvious that a base of a telephone may be arranged upon the strips 25 and 31 in engagement with the upturned portions or fingers and clamped in place thereon by proper manipulation of these strips and the bolt 27.

In the use of the apparatus, it is obvious that the bracket formed of the arms 19 and 21 may be swung in opposite directions in a

horizontal plane, for bringing the telephone into convenient reach of the user. When it is desired to elevate the bracket, the carriage 9 may be conveniently moved upwardly upon the bar 5, the tooth 15 tripping upon the teeth 8 and holding the same in the desired vertical adjustment, when released. When it is desired to move the carriage 9 downwardly the support-bracket is swung upwardly, swinging the lower end of the carriage, and tooth 15 away from the teeth 8, whereby the carriage may be conveniently lowered, the same being again locked in adjustment by allowing the carriage 9 to return to the normal vertical position whereby the tooth 15 will engage beneath the teeth 8, the carriage being normally retained in such normal vertical position by means of the spring 12.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same, and that various changes in the shape, size, and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

Having thus described the invention, I claim:

1. In apparatus of the character described, an upstanding bar provided with teeth extending longitudinally thereof, a carriage slidably mounted upon the bar and provided near its lower end with a tooth to engage with the teeth of the bar, means for securing the upper end of the carriage upon the bar for preventing the upper end of the carriage from moving laterally for a substantial distance with relation to the bar and permitting the lower end of the carriage to have extensive lateral movement with relation to said bar, a spring attached to the carriage and engaging the bar to oppose such lateral movement of the lower end of the carriage, and a support-member connected with the carriage.

2. In apparatus of the character described, an upstanding bar provided with teeth extending longitudinally thereof, a carriage formed U-shaped in horizontal cross-section and slidably mounted upon the bar and extending upon opposite sides thereof and provided near its upper end with knuckles disposed upon the opposite side of the bar, an element connecting the knuckles, a leaf-spring attached to the upper end of the carriage between the knuckles and extending downwardly longitudinally of the carriage in engagement with the bar, and a support-member connected with the carriage.

3. In apparatus of the character described, an upstanding bar provided with teeth extending longitudinally thereof, a carriage formed U-shaped in horizontal cross-section for straddling the bar in slidable engagement therewith and provided near its upper end with apertured knuckles disposed upon the opposite side of the bar, an element connecting the knuckles, a leaf-spring having its upper end provided with a reduced portion to enter the space between the knuckles inwardly of the elements and forming shoulders to engage beneath the knuckles with the upper end of the reduced portion forked to provide fingers arranged upon opposite sides of the bar and bent about the upper end of the carriage, a tooth carried by the lower end of the carriage to engage the teeth of the bar, and a support member connected with the carriage.

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

CHARLES C. PRIEST.

Witnesses:
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E. A. LEAGUE.