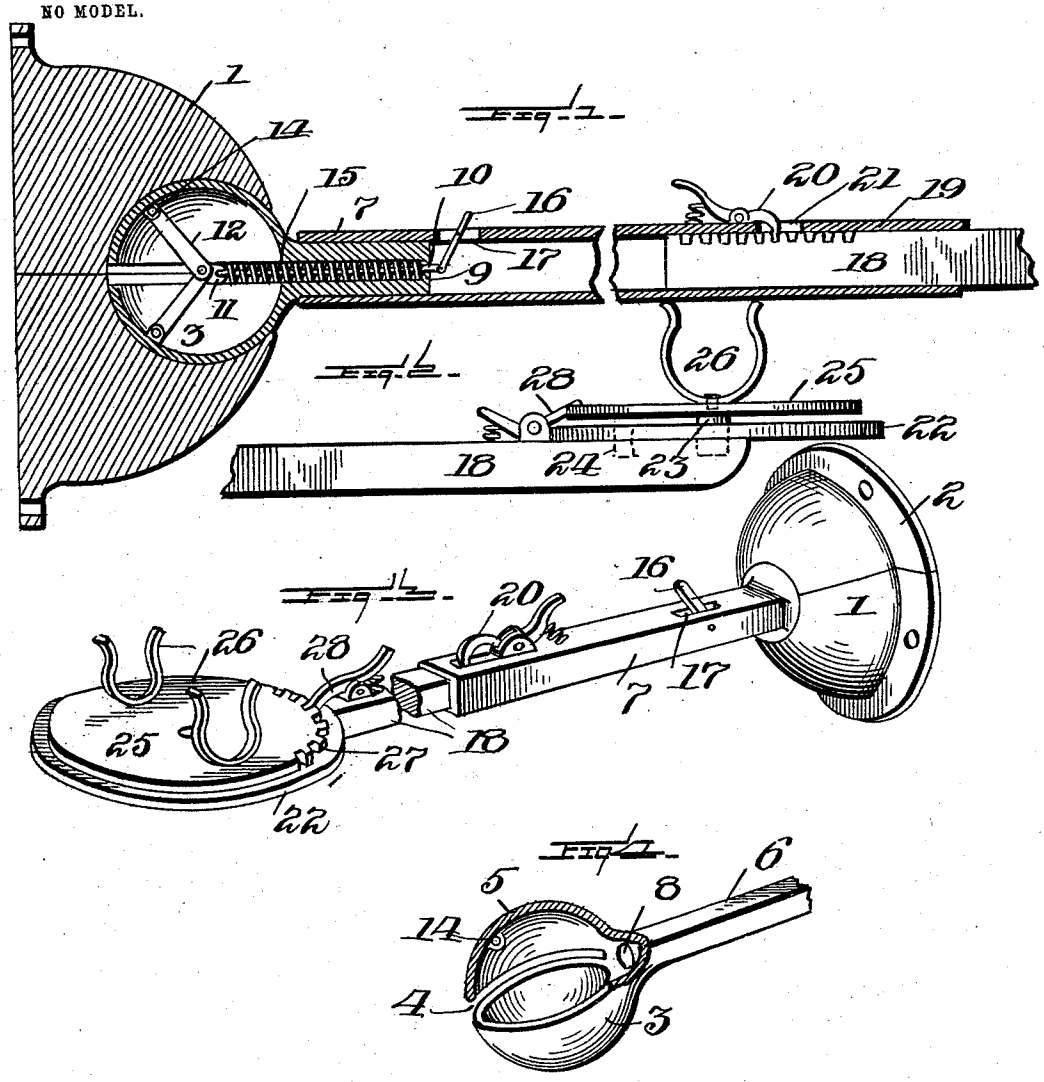
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J. B. McCLAIN.

TELEPHONE RECEIVER HOLDER.

APPLICATION FILED OCT. 6, 1902.

NO MODEL.



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UNITED STATES PATENT OFFICE.

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TELEPHONE-RECEIVER HOLDER.

SPECIFICATION forming part of Letters Patent No. 717,895, dated January 6, 1903.

Application filed October 6, 1902. Serial No. 126,157. (No model.)

To all whom it may concern:

Be it known that I, JAMES B. McCLAIN, a citizen of the United States of America, residing at Washington, in the county of Washington and State of Pennsylvania, have invented certain new and useful Improvements in Telephone-Receiver Holders, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in telephone-receiver holders, the object of the invention being to provide means for adjustably supporting the telephone-receiver in such a manner that the same may be manipulated to bring the same into different positions as may be convenient.

Briefly described, the invention comprises a hollow supporting-bar, a supporting clamp or bracket to which the bar is connected, an adjustable bar working in the hollow bar, and a rotatable receiver-holder supported on the outer end of the adjustable telescoping bar, all of which construction will be hereinafter more fully described and then particularly pointed out in the claims.

In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and wherein like numerals of reference indicate like parts throughout the several views, in which—

Figure 1 is a horizontal sectional view of my improved telephone-receiver holder, partly broken away. Fig. 2 is a side elevation of the holder, partly broken away. Fig. 3 is a detail perspective view of the holder, partly broken away. Fig. 4 is a detail perspective view of the socket member, partially in section and better illustrating the construction thereof.

To put my invention into practice I provide a socket which comprises two smaller sections or members 1, provided with an arm or flange 2, which is apertured to receive fastening means, such as screws, for securing the holder in position to the wall, to the telephone-box, or in any desired position. In the socket formed by the members 1 is a ball 3, which is adapted to work in the socket in the manner of a ball-and-socket joint and is operated, whereby the holder may be inclined to different angles, by mechanism which will be described. The ball 3 is provided with a slot 4, dividing the same into two hemispheres or cup-shaped half-sections 5, which are integrally connected to the shank or stem 6, adapted to fit neatly in the inner end of the hollow supporting-bar 7. The stem or shank 6 is provided with a bore 8, extending from the one end thereof to a point near the outer end, where it terminates in the small opening extending through the outer end of the said stem or shank, thus forming at said outer end a seat or shoulder 9. A rod 10 extends through the bore of the shank or stem 6 and is connected at its inner end to the eye 11, carried by the pair of toggle-levers 12, which levers at their outer ends are respectively connected to eyes 14, carried by the sections 5 of the ball-joint. A spring 15 is arranged on the rod 10 between the seat 9 and the eye 11, and the outer end of the rod has pivoted thereto a small operating-lever 16, which is pivoted in and works in the slot 17 in the hollow supporting-bar 7, through which slot the lever extends.

Telescoping into the outer end of the hollow supporting-bar 7 is a supporting-bar 18, provided on its upper face near one end with teeth 19 to be engaged by the pawl 20, pivoted on the hollow supporting-bar 7, the engaging end of said pawl protruding through the slot 21 provided therefor in the supporting-bar 7. Mounted on the telescoping supporting-bar 18 at the outer end thereof is a plate 22, mounted on a pivot-pin 23 and held against rotation by a pin 24, engaging through the plate 22 in the bar 18.

Mounted on the pivot-pin 23, so as to rotate thereon, is a supporting-disk 25, which carries a pair of substantially U-shaped holders 26, which are adapted to receive the telephone-receiver. (Not shown.) A portion of the supporting-disk 25 is provided on its periphery with teeth 27, whereby the disk may be turned around and secured in its adjusted position by means of the pawl 28, which is pivoted on the telescoping supporting-bar 18.

In operation the operator may by disengaging the pawl 28 from the teeth 27 rotate the disk 25 so as to secure the desired angle to the telephone-receiver. If it is desired to change the angle of the supporting-bar 7 and supporting-bar 18, the lever 16 is pushed toward the ball-and-socket joint, causing the

links 12 through the medium of rod 10 to pull inwardly on the sections 5, whereby the ball is contracted in diameter and is free to revolve in this socket. When the desired angle has been obtained and the pressure on lever 16 is relieved, the sections 5 spring outwardly again against the walls of the socket, so as to frictionally hold the supporting-arms in the position in which they have been placed.

It will be observed that the disk 25 may be operated so as to adjust the angle of the receiver without requiring the adjustment of the supporting-arms 7 and 18, or the angle of the latter may be changed without requiring the adjustment of the supporting-disk, which holds the telephone-receiver.

It will be noted that various changes may be made in the details of construction without departing from the general spirit of my invention.

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

1. In a telephone-receiver holder, the combination with a hollow supporting-bar, of a ball member of a ball-and-socket joint fitted into the end of said bar, a socket to receive said ball member, means for contracting said member to permit of the adjustment thereof in said socket, a telescopic supporting-bar in the outer end of the hollow bar, means for securing said telescopic bar in the adjusted position, a rotatable supporting-disk mounted on the outer end of said telescopic bar, and means for securing said disk in the adjusted position, substantially as described.

2. In a telephone-receiver holder, the combination of a telescopic supporting bar or arm, a ball-and-socket member secured thereto, said ball member adapted to be contracted to permit adjustment of said arm, and means to contract the same, and means for supporting said receiver secured to the other end of said arm, substantially as described.

3. In a device of the character described, the combination of a telescopic supporting-arm, a rotatable disk carried at one end thereof adapted to support a telephone-receiver, and means for adjusting said arm secured at its other end comprising a ball-and-socket member, with means for contracting said ball member thereof, substantially as described.

4. In a telephone-receiver holder, a hollow supporting-bar, a ball member of a ball-and-socket joint connected thereto, a socket for said ball member, means for contracting the ball member to permit adjustment thereof and inclination of the hollow supporting-bar, a telescopic bar engaged in the hollow supporting-bar, means for securing said telescopic bar in the adjusted position, and means rotatably mounted on the telescopic bar for holding the telephone-receiver, substantially as described.

5. In a telephone-receiver holder, the combination of a rotatable disk carrying said receiver, an arm supporting said disk, said arm being longitudinally and vertically adjustable, means for adjusting said arm comprising a ball and socket, said ball member adapted to contract to permit adjustment of said arm, and means for contracting said ball member within the socket, substantially as described.

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

JAMES B. McCLAIN.

Witnesses:
H. W. V. RYAN,
E. F. NASER.