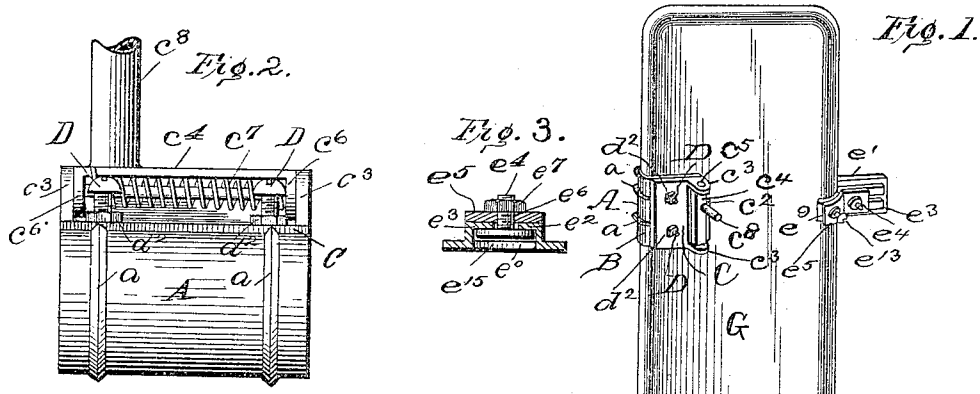
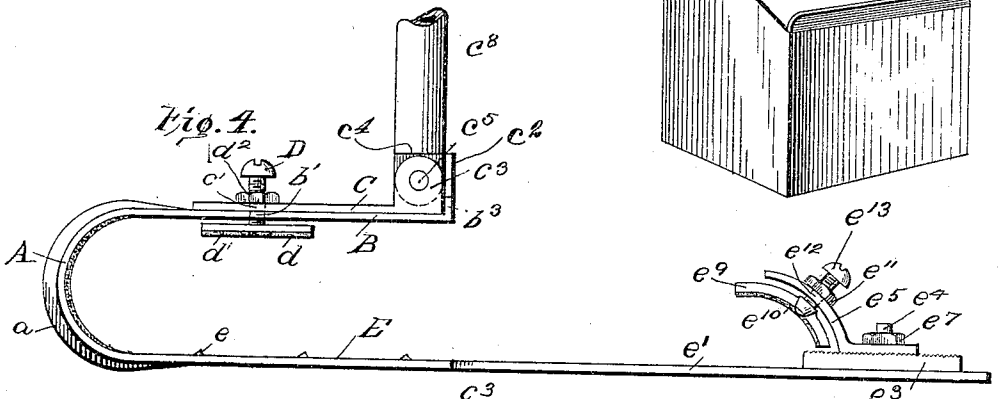
No. 817,564. PATENTED APR. 10, 1906.

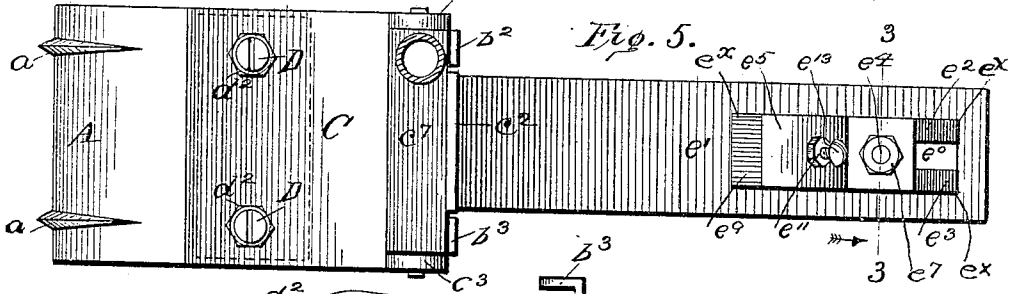
F. F. HOWE.

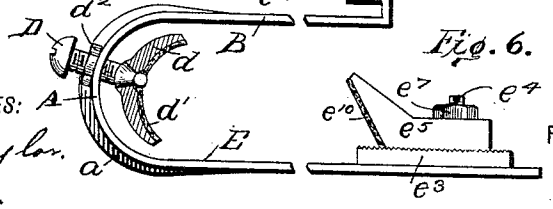
TELEPHONE RECEIVER SUPPORT.

APPLICATION FILED JUNE 3, 1905.









WITNESSES:

M. R. Taylor.

C. E. Frain

INVENTOR

FRANK F. HOWE.

BY Munn & Co.

UNITED STATES PATENT OFFICE.

FRANK F. HOWE, OF MARIETTA, OHIO.

TELEPHONE-RECEIVER SUPPORT.

No. 817,564. Specification of Letters Patent. Patented April 10, 1906.

Application filed June 3, 1905. Serial No. 263,593.

To all whom it may concern:

Be it known that I, FRANK F. HOWE, a citizen of the United States, and a resident of Marietta, in the county of Washington and State of Ohio, have made certain new and useful Improvements in Telephone-Receiver Supports, of which the following is a specification.

My invention is an improvement in telephone-receiver supports; and it consists in certain novel constructions and combinations of parts hereinafter described and claimed.

Referring to the drawings forming a part hereof, Figure 1 is a perspective view of my invention applied to a telephone wall-board. Fig. 2 is an end view of the same. Fig. 3 is a cross-section on the line 3 3 of Fig. 5. Fig. 4 is a side elevation. Fig. 5 is a top plan view, and Fig. 6 is a side elevation of a modified form.

In the practical application of my invention I provide a yoke A, having the parallel arms B and E and the stiffening-ribs *a* on the arch of the yoke. The one arm B of the yoke is provided with a plurality of screw-threaded openings *b'*, arranged transversely thereof, and on its free edge adjacent to the outer corners with the overhanging lugs b^2 b^3. A receiver-supporting plate C, provided with openings *c'* and an angular extension c^2, is arranged upon the upper face of the arm, with the openings *c'* registering with openings *b'* and with the angular extension c^2 between the lugs b^2 b^3. In this position the overhanging lugs engage the upper face of the plate to prevent lifting of the plate from the arm of the yoke. Lugs c^3 are provided upon the corners of the plate C adjacent to the overhanging lugs, and in these lugs is pivoted a bar c^4 by means of a rod c^5 engaging the lugs of the plate and lugs c^6 upon the bar, a spiral spring c^7 being arranged around the rod for tensioning the bar. To the bar c^4 is connected the receiver-carrying arm c^5. The angular extension c^2 prevents sidewise motion of the plate with respect to the yoke-arm and acts also as a stop for the bar c^4.

Bolts D traverse the registered openings of the yoke-arm and plate, and upon their inner ends is pivoted a clamp *d*, having a facing *d'*, of felt or other suitable material, and lock-nuts d^2 engage the bolts above the arm of the yoke for securing the clamp in position.

The other arm E of the yoke is provided with spurs *e*, and at the free end thereof is an offset extension *e'*, adapted to underlie the wall-board and to extend beyond the opposite end thereof. The free end of the offset extension beyond the side of the wall-board is slit longitudinally, as at e^0, and at each end of the longitudinal slit are transverse slits $e^\times$, the material of the plate at either side of the longitudinal slit and between the transverse slits being bent upward and inward to form the grooved slideways e^2 e^3. A bolt e^4, having an enlarged head to engage the grooves in the slideways, traverses an opening e^6 in an angular bracket e^5, having a corrugated face to engage corresponding corrugations on the slideways, and a lock-nut e^7 upon the bolt is provided for securing the bracket to the offset extension. A screw-threaded bolt e^{13} is arranged within an opening e^{12} in the angular bracket, and a clamp e^9, having a face e^{10}, of felt or other suitable material, is pivoted to the inner end of the bolt, and a lock-nut e^{11} engages with the bolt above the bracket for securing the clamp in its adjusted position.

The clamp e^9 may be adjusted toward and from the edge of the box by loosening the lock-nut e^7 and moving the bracket inward or outward upon the slideways, and by means of the lock-nut e^{11} the clamp may be locked in its proper engaging position.

The manner of employing my invention will be readily understood from the description, the lower arm and its offset extension being adapted to underlie the wall-board G, and the clamp *d* and e^9 being adapted to engage the face near one edge and the opposite edge, respectively, thus obviating the necessity of marring the wall-board by screw-holes.

In Fig. 6 I have shown a modification of my invention, wherein the clamp *d* is arranged to engage the edge of the wall-board instead of the face.

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

1. In telephone-receiver supports, the combination of a yoke having parallel arms, one arm being provided with a plurality of screw-threaded openings, a plate on the outer face of the arm and provided with openings registering with the screw-threaded openings, overhanging lugs on the free end of the arm and engaging the plate, an angular extension on the plate between the lugs, a receiver-carrying arm pivoted to the plate adjacent to the angular extension, screw-threaded bolts traversing the registered

openings, a clamp pivoted to the inner ends of the bolts, locking-nuts on the bolts above the plates, an offset extension on the free end of the other arm, grooved slideways on the free end of the extension, a screw-threaded bolt provided with a head engaging the slideways, an angular bracket having an opening to receive the bolt, a locking-nut on the free end of the bolt, a screw-threaded bolt traversing the angular part of the bracket, a clamp pivoted to the free end of the bolt, and a locking-nut on the bolt.

2. In telephone-receiver supports, the combination of a yoke having parallel arms for engaging the opposite faces of one edge of the wall-board, one arm being provided with a plurality of screw-threaded openings, a plate on the outer face of the arm and provided with openings registering with the screw-threaded openings, overhanging lugs on the free end of the arm for engaging the plate, an angular extension on the plate between the lugs, a receiver-carrying arm pivoted to the plate adjacent to the angular extension, screw-threaded bolts traversing the registered openings, a clamp pivoted to the inner ends of the screw-threaded bolts, locking-nuts on the bolts above the plates, an offset extension on the free end of the other arm, means on the extension for engaging the opposite edge of the wall-board, and means for adjusting said means to and from the yoke.

3. In telephone-receiver supports, the combination of a yoke having parallel arms for engaging one edge of the wall-board, one of the arms being provided with a plurality of screw-threaded openings, a plate on the outer face of the arm and provided with openings registering with the screw-threaded openings, means for fixing the plate with respect to the arm, screw-threaded bolts traversing the registered openings, a clamp pivoted to the inner ends of the bolts, locking-nuts on the bolts above the plates, an extension on the free end of the other arm, means on the end of the extension for engaging the opposite edge of the wall-board, means for adjusting said engaging means, and a receiver-carrying arm pivoted to the plate.

4. In telephone-receiver supports, the combination of a yoke for engaging one edge of the wall-board, the yoke having a relatively short arm adapted to overlie said edge and a relatively long arm adapted to underlie the wall-board and extend beyond the opposite edge thereof, means on the opposite end of the long arm for engaging the edge of the wall-board adjacent thereto, means for adjusting said engaging means, means on the short arm for engaging the face of the wall-board, and a plate having means for supporting a receiver secured to the short arm.

5. A support for telephone-receivers, comprising a yoke for engaging an edge of the wall-board, an extension on the yoke adapted to underlie the wall-board and to extend therebeyond, means on the free end of the extension for engaging the edge of the wall-board adjacent thereto, means for adjusting the engaging means to and from the wall-board, means on the yoke for engaging the front of the wall-board at the side thereof, and a plate having means for supporting a receiver on the said engaging means.

6. A holder for telephone-receivers, having a back plate underlying the wall-board, means at one end thereof for engaging the front face of the wall-board, a plate having means for supporting a receiver secured to the said engaging means, means at the opposite end of the back plate for engaging the edge of the wall-board adjacent thereto, and means for adjusting the said engaging means.

7. A holder for telephone-receivers, comprising a back plate underlying the wall-board, and having the end thereof bent to overlie the adjacent side of the face thereof, a receiver-carrying arm supported by said bent end, means on the bent end for engaging the face of the wall-board, means on the opposite end of the plate for engaging the edge of the wall-board adjacent thereto, and means for adjusting said engaging means to and from the same.

8. A holder for telephone-receivers, comprising a plate adapted to underlie the wall-board, means on the opposite ends of the holder for engaging the edges of the wall-board, means connected with one end of the holder for supporting the receiver, and means for adjusting the edge-engaging means.

9. A holder for telephone-receivers, comprising a yoke provided with an arm for underlying the wall-board, an arm for engaging the face of the same, a plate supported by the last-named arm, a receiver-carrying arm supported by the plate, and means for securing the holder to the wall-board.

10. A holder for telephone-receivers, comprising a yoke having arms to engage the opposite faces of the wall-board, means for securing the wall-board to the yoke, and a plate having means for supporting a receiver on one arm of the yoke.

FRANK F. HOWE.

Witnesses:
N. E. SMITH,
M. F. GILMAN.