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TELEPHONE SUBSTATION SET

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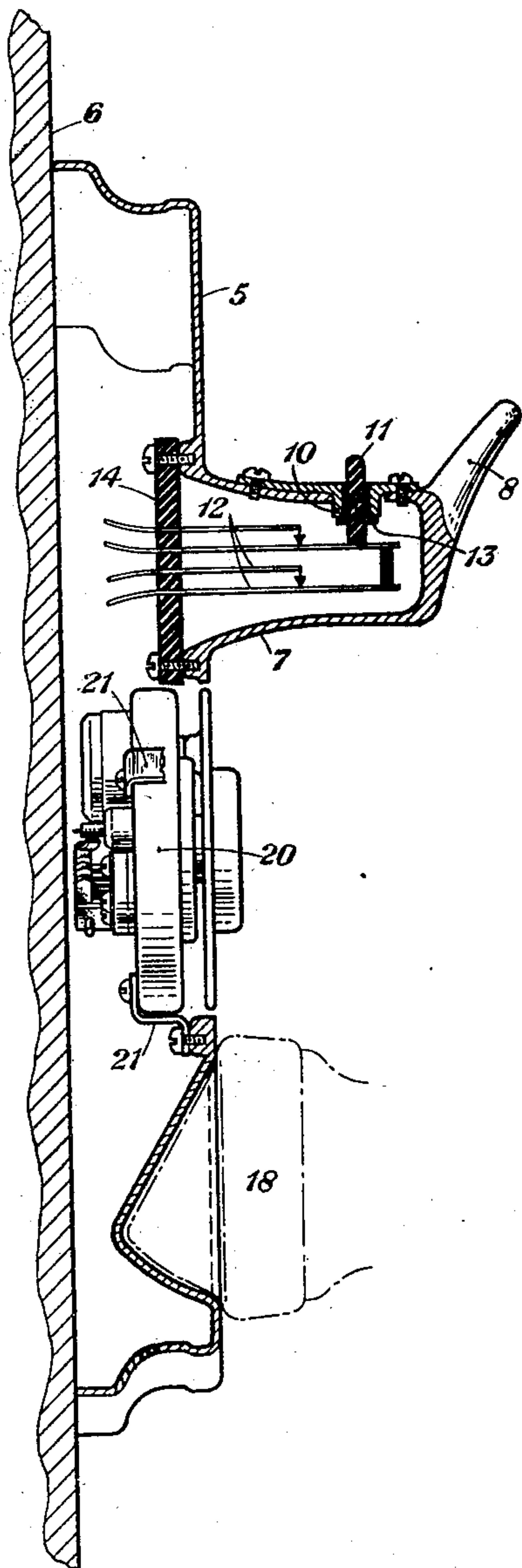


Fig. 1

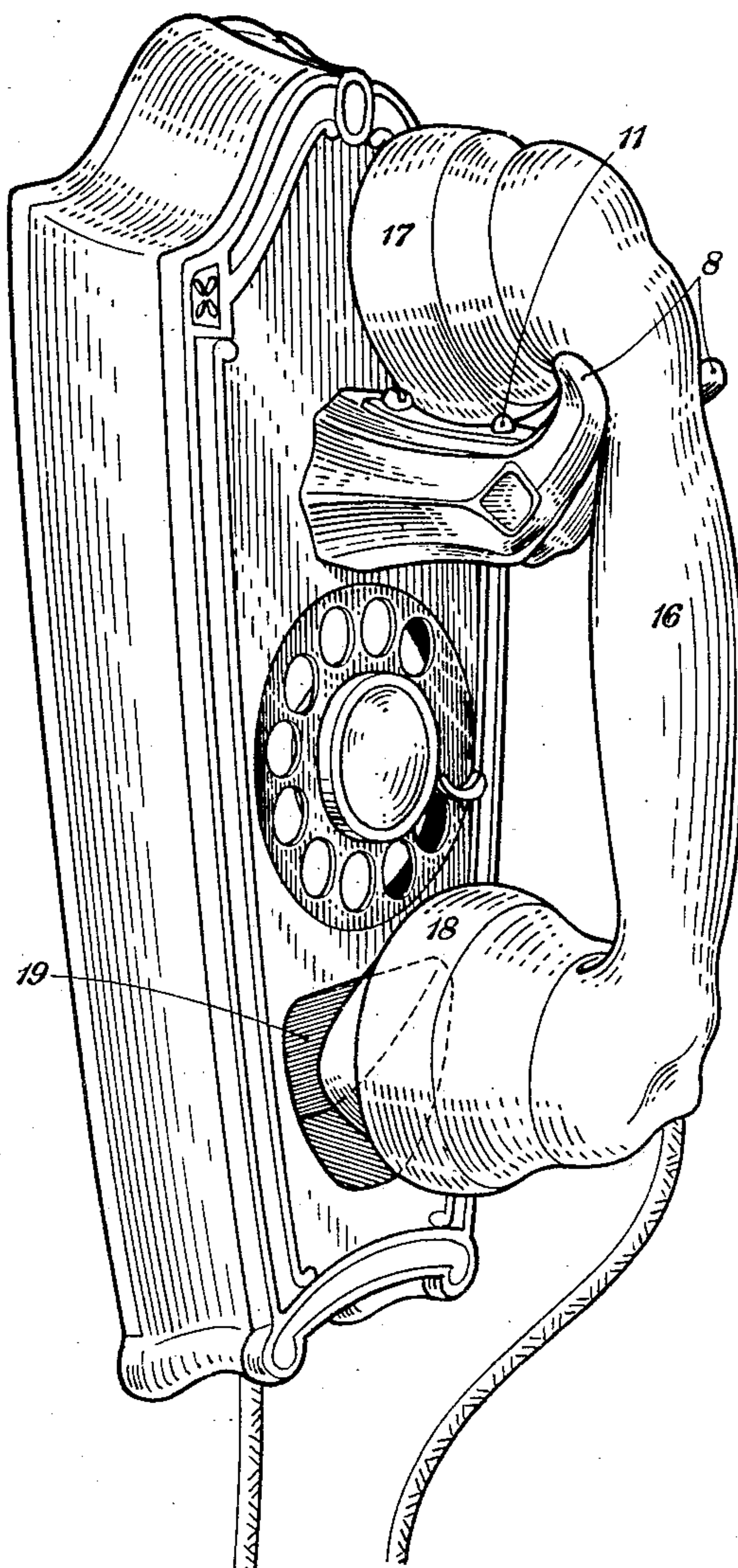


Fig. 2

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TELEPHONE SUBSTATION SET

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This invention relates to telephone substation equipment, and more particularly to a telephone wall set adapted to provide a mounting for a handset.

One of the objects of the invention consists in provision of a wall support for mounting a handset.

Another object consists in the provision of a switch hook on which the handset is caused to be suspended in a definite position.

Another object consists in so arranging the dial on the wall support that it is inconvenient for operation unless the handset is removed from the switch hook.

A further object is to provide a handset wall support of a compact and attractive character.

The novel features which are considered characteristic of this invention are set forth with particularity in the appended claim. The invention itself, both as to its organization and method of operation, together with other objects and advantages thereof will be further understood in the following detailed description, having reference to the accompanying drawings consisting of the following figures:

Figure 1 is a side elevation, in section, of the improved device, and

Fig. 2 is a perspective view thereof.

Referring to the drawings, the character 5 designates a hollow casing or wall plate which may be made of any suitable material and may be fastened in any desired manner to a supporting wall 6. A bracket 7 is positioned on the upper part of the casing and such bracket may be integral with the casing, as shown, or may be affixed thereto. This bracket, which is hollow, extends from the casing and is provided at its outer end with a pair of prong portions 8 of the character indicated in the drawings. A plate 9 is positioned on the upper surface of the bracket and is suitably secured at its ends thereto. The plate is provided with an apertured member 10 which extends through an opening in the bracket. A button 11 for controlling switching springs 12 is seated on one of the springs and protrudes through the member 10. This button is provided with a collar 13

which engages the inner surface of the member 10 and is thus limited in its upward movement. The switching springs are mounted in a strip of insulation 14, suitably secured to the casing 5, and said strip closes a chamber in the bracket 7. In practice, conductors are connected to the switching springs and circuits are closed over such conductors in the well-understood manner.

A handset 16 is connected by a cord to suitable contact terminals in the casing, and is provided with a receiver element 17 and a transmitter element 18. The receiver element of the set is supported by the bracket 7, and the prongs 8 thereof engage the rear of said element. The transmitter element 18 is engaged and supported by a socket 19 formed in the wall plate or casing 5. This socket is of a formation corresponding to the shape of the end of the transmitter element 18, and, when the handset is suspended from its mounting, its inclination will be such that the end of the transmitter will fit snugly into said socket. The receiver element 18, in its mounted position, will be seated on the button 11, and the weight of said receiver element will cause it to depress the button and actuate the switching springs to open their contacts. The removal of the handset will, of course, cause the switching springs to make contact with each other and complete circuits over the conductors connected therewith.

A dial 20 is mounted in the approximate center of the wall plate between the bracket 7 and the socket 19. The dial is positioned in an opening provided in the wall plate and may be attached thereto by lugs 21. The finger wheel of said dial lies substantially flush with the front surface of the wall plate 5. The dial 20 lies behind the mounted handset 16, and is inaccessible when the handset is in this position. It is therefore necessary to remove the handset before the dial can be operated. This position of the dial with respect to the handset has been carefully chosen, as it will reduce any tendency to leave the handset inadvertently in the mounted position when an outward call is being dialed.

What is claimed is:

A telephone set comprising a wall plate, a

bracket on said plate for supporting one of the elements of a telephone handset, said plate having a socket below said bracket for engaging and supporting another element of the telephone handset.

5 In testimony whereof, I have signed my name to this specification this 29th day of May, 1930.

JAMES M. LABAUGH.

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