

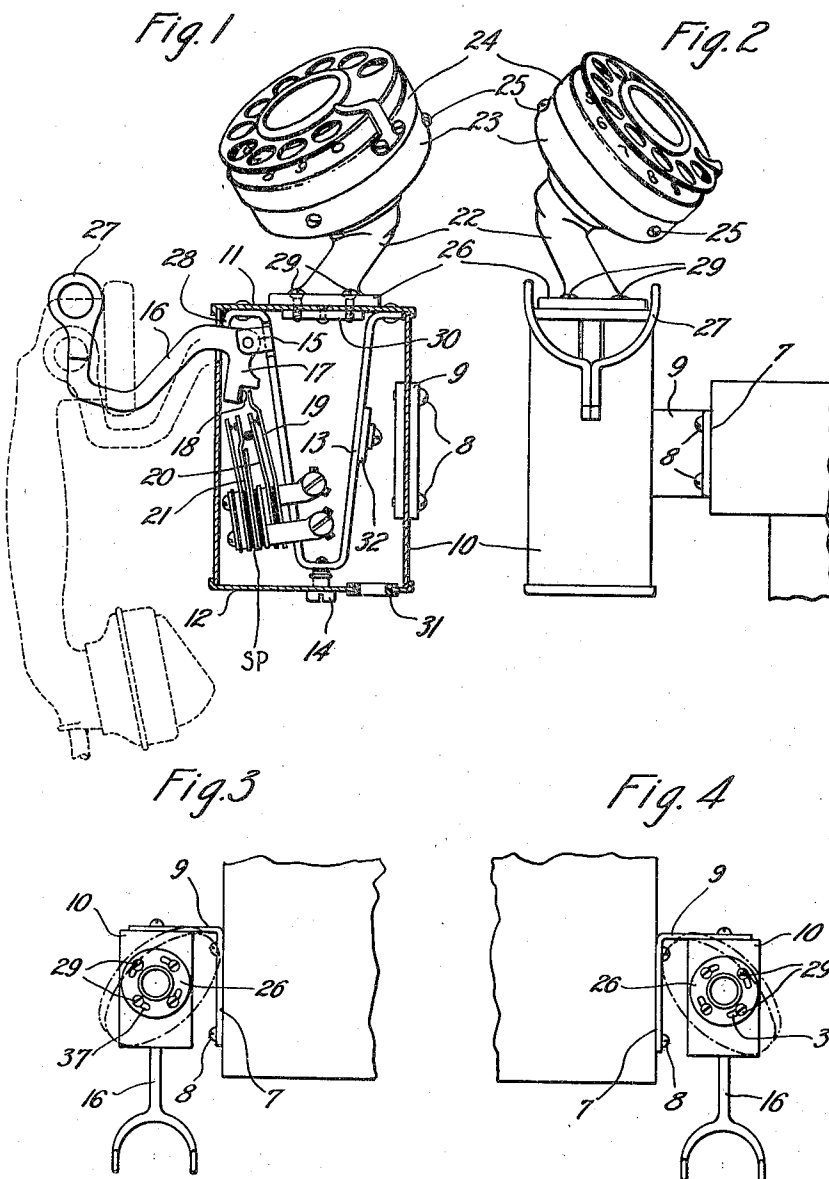
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TELEPHONE HAND SET MOUNTING

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UNITED STATES PATENT OFFICE.

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TELEPHONE-HAND-SET MOUNTING.

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This invention relates to mountings for telephone hand sets. More specifically it relates to a desk mounting particularly adapted for use at a telephone substation for supporting a calling dial and a telephone hand set of the type in which a transmitter and a receiver are mounted on a common handle.

The types of desk stands now used in sub-stations occupy considerable space on the desk and must be shifted from one place on the desk to another.

The object of this invention is to provide a mounting for telephone hand sets of the type above referred to which may be mounted on either side of a desk and thus out of the way.

A feature of the invention is a mounting including a switching housing, which mounting is adapted to be attached to either side of a desk by merely reversing a bracket carried by the housing.

A related feature is the provision of the calling dial mounted on a pedestal arranged on the cover of the housing in such a manner that by turning the pedestal approximately 90°, when changing the housing from one side of the desk to the other, the finger wheel of the dial is conveniently located with respect to the person seated at the desk.

Another feature of the invention resides in the provision of means whereby the switchhook and contact springs may be removed from the housing by loosening a single screw.

Other features and advantages will appear from the following description and by the claims appended thereto, reference being had to the accompanying drawings in which:

Fig. 1 is an assembly view of the desk mounting embodying the features of this invention and showing the housing in cross section.

Fig. 2 is a side view thereof, showing a portion of the desk on which the desk mounting is secured.

Figs. 3 and 4 show the manner of securing the desk mounting to the left and right side of the desk respectively.

The desk mounting of this invention consists of a housing 10 having at its ends removable covers 11 and 12. A bracket 9, preferably secured to the middle portion of the housing by means of screws 8, is pro-

vided for attaching the housing to the sides of a desk in the manner as shown at 7 in Figs. 2, 3 and 4.

On the underside of the cover 11 there is securely mounted a V-shaped bracket 13 which extends downwardly therefrom in juxtaposition with the lower cover 12 through which the screw 14 extends in engagement with a threaded hole in the lower position of the bracket 13, thus forming a housing for the switchhook mechanism which may be removed from its housing by loosening the screw 14.

Integrally formed with bracket 13 there are provided the lugs 15, one of which is shown in Fig. 1 on which the switchhook 16 is pivoted. This switchhook 16 is provided with an upwardly extending forked end portion 27 on which the telephone hand set is hooked in position, as shown by the dotted line in Fig. 1. The switchhook 16 has a downwardly extending arm 17 which carries an insulating stud 18 disposed in operable relation with the contact spring 19 which serves to move the switchhook in its upper position against the stop 28 and to permit the operation of the contact set (SP) with which it forms a part. This contact set (SP) forms what is generally termed a spring pile-up and may consist of any number of springs such as 20, 21, etc., depending solely upon the telephone system with which they may form a part.

On the upper cover 11 and opposite the bracket B there is mounted an angularly shaped bracket 22 which carries a cup-shaped casing 23 in which the calling dial 24 is mounted and held secured therein by means of screws 25, shown in Figs. 1 and 2. The bracket 22 has a base in the shape of a disc 26 and is held on the cover 11 by means of screws 29. This bracket is provided with a plurality of arcuated slots 37 shown in Figs. 3 and 4 which are made of such a length as to permit an angular movement of the bracket and the dial carried thereby approximately 90°, thus permitting the orientation of the dial with respect to the side of the desk on which it is used as diagrammatically indicated in Figs. 3 and 4. The bracket 22 and the dial carried thereby are then secured in adjusted position by tightening the screws 29 which engage a reinforcing plate 30 securely arranged on the underside of the cover.

In the cover 12 there is provided an insulating bushing 31 adapted for protecting the telephone cable (not shown) and a clamp 32 mounted on the bracket 13 is provided for assisting in securing the cable in the housing.

What is claimed is:

1. In a mounting for telephone hand sets, the combination of a housing, switchhook mechanism mounted therein, a bracket carried by said housing for attaching said mounting to either side of a desk, and a pedestal on the top of said housing adapted to be set in either of two positions corresponding with the locations of the bracket on the sides of the desk.

2. In a mounting for telephone hand sets, the combination of a housing, switchhook mechanism mounted therein, a reversible bracket adapted for attaching said housing to either side of the desk, a pedestal arranged on the upper side of said housing, arcuated slots in said pedestal, fastening screws on the upper side of the housing for engaging said slots to permit and limit the turning movement of the pedestal with respect to the position of the bracket, and a calling dial mounted on said pedestal.

3. The combination of a housing, a removable cover at each end of said housing,

a bracket secured to one of said covers, a switchhook member pivoted on said bracket, contact springs mounted on said bracket in operable relation with said switchhook and a single screw extending through the other cover in threaded engagement with the bracket for securing the covers at the ends of said housing, the whole being removable from said housing as a unit.

4. A switch box, a bracket for the back of the box for right or left-hand mounting of the switch box, a switchhook extending from the front of the box, a dial and means for mounting the dial on top of the box to face the left or right-hand corner of the switch box depending on the location of the bracket.

5. A switch box, means for mounting the box on either side of a desk, a switchhook extending from the front of the box for holding a hand set, a dial, and means for adjustably mounting the dial on the switch box so that it faces in either of two directions depending on which side of the desk the switch box is mounted.

In witness whereof I hereunto subscribe my name this 6th day of September A. D., 1924.

WILLIAM H. SCHARRINGHAUSEN.