March 22, 1932. R. W. JOHNSON 1,850,550

DIAL TELEPHONE ATTACHMENT

Original Filed Jan. 21, 1931

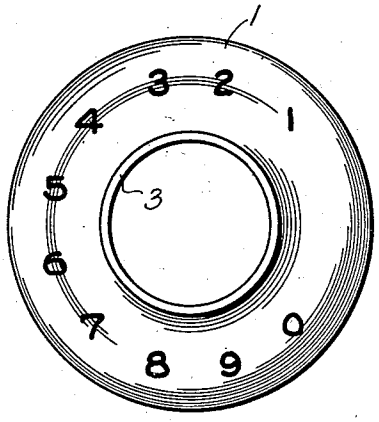


Fig. 1.

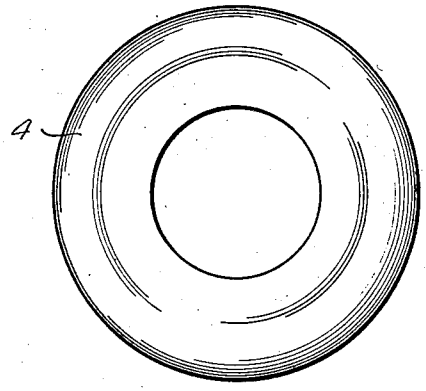


Fig. 2.

Fig. 5.

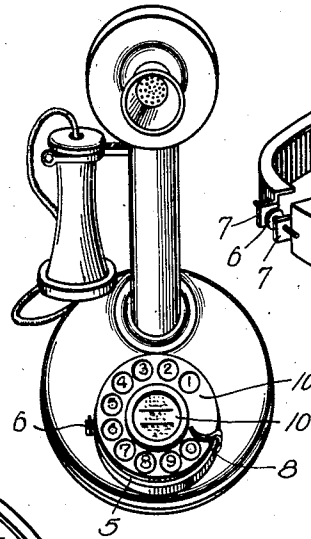
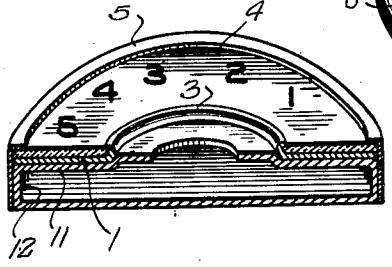


Fig. 4.



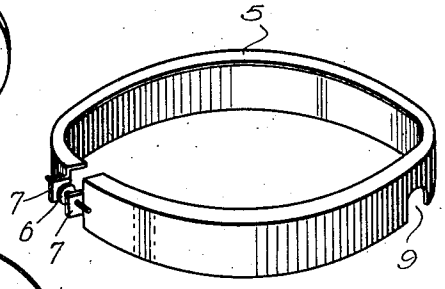


Fig. 3.

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UNITED STATES PATENT OFFICE

RUSSELL W. JOHNSON, OF WILDWOOD, VIRGINIA, ASSIGNOR OF THREE-FIFTEENTHS TO WILLIE L. CHILES, OF UNION MILLS, VIRGINIA, THREE-FIFTEENTHS TO WILLIE E. WRIGHT, OF RICHMOND, VIRGINIA, THREE-FIFTEENTHS TO L. L. CHILES, OF KESWICK, VIRGINIA, AND THREE-FIFTEENTHS TO R. H. CHILES, OF LOUISA, VIRGINIA

DIAL TELEPHONE ATTACHMENT

Application filed January 21, 1931, Serial No. 510,232. Renewed December 2, 1931.

My invention relates to an attachment for dial telephones, and more particularly to dial phones provided with a rotatable finger plate; through which may be seen symbols located on a basil plate of said phone, and used in connection with dialing.

The operator of the ordinary dial telephone, now in general use throughout this and other countries, in order to manipulate the device, must first perceive the symbols on the dial before obtaining the station to which he desires to communicate with.

This is generally difficult, and often impossible, when the telephone is located in some inobscure and dark place; since the dial in general use can not be observed in dark places, and especially the symbols on said dial, when light is not sufficient for perception.

One of the objects of my invention is the provision of a luminous dial having symbols which may be observed in dark places.

Another object of my invention is the provision of a device easily attached to the present dial telephone now in use, without changing the latter structure.

A still further object of my invention is the provision of a dial so constructed that the luminous substance will be protected from injurious blows and wear, and thereby provide a luminous dial which is practical and substantial.

Other objects and features will more fully appear from the following description and accompanying drawings, in which:

Fig. 1 is a dial plate provided with luminous symbols; Fig. 2, a transparent dial cover; Fig. 3 a perspective of an adjustable casing; Fig. 4, a sectional view showing the various parts of my device assembled, and Fig. 5 a dial telephone with my device attached thereto.

Referring to the drawings, an apertured metallic dial plate 1, is provided with luminous symbols on the face thereof, and has an angular flange 3 adapted to accommodate an apertured transparent dial cover 4. The inner periphery of said dial cover is adapted to register with said angular flange thereby forming a close joint and preventing the admission of dust or injurious blows from contacting with the luminous substance used upon said dial.

It is obvious from the foregoing that the dial plate and cover register with each other, and an adjustable flanged casing 5, adapted to secure said dial and plate in operative position, with respect to said finger plate of the dail phone, is provided with a right and left screw 6, which engages threaded portions of posts 7, connected to said casing and adapted to register with the stop 8 of the dial phone, is a slot 9, located in the side portion of said casing.

My device may be assembled on the present dial telephone by removing the number plate and finger plate 10—10′ (now in use on the present dial phone); placing the dial plate 1 and the cover 4 over the present telephone dial 11 (Fig. 4) and then securing said parts together by placing the casing 5 about the cover 4 and telephone dial housing 12. The screw may then be adjusted to securely fasten the parts together. The finger and number plates of the dial phone may be replaced, and the device is ready for manipulation.

It is obvious from the foregoing that the transparent cover, over the dial plate, permits an observer to perceive the luminous symbols on the latter, and thereby provide a dial which an operator may perceive in dark places.

Having described my invention, I claim:

1. A dial telephone attachment consisting of a dial having luminous symbols thereon, a transparent cover adapted to register with said dial, and a casing adapted to secure said dial and cover to the dial structure of a telephone.

2. A dial telephone attachment consisting of a dial having luminous symbols thereon,

a transparent cover adapted to register with said dial, a casing, and means for adjusting said casing to secure said dial and cover to the dial structure of a telephone.

3. A dial telephone attachment consisting of a dial having luminous symbols thereon, a transparent cover adapted to register with said dial and protect said luminous symbols, a casing having a slot in the side thereof, and means for adjusting said casing to secure said dial and cover to the dial structure of a telephone.

In testimony whereof I have hereunto set my name this 10th day of January, 1931.

RUSSELL W. JOHNSON.