Dec. 4, 1945. M. B. DISKEN 2,390,357

CARD HOLDING ATTACHMENT

Filed June 3, 1943

Fig. 1.

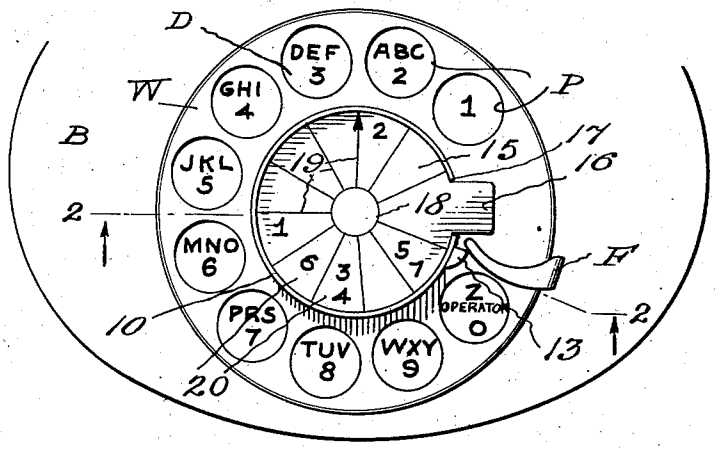


Fig. 2.

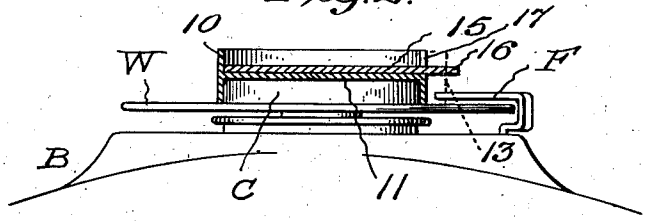
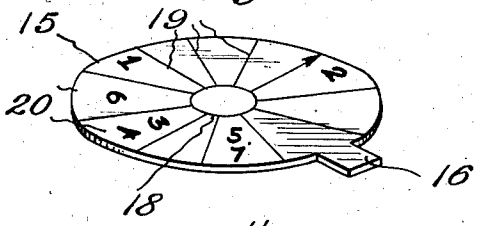


Fig. 3.



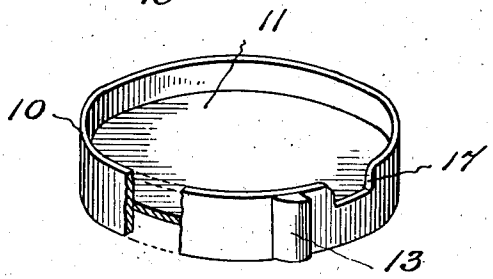


Fig. 4.

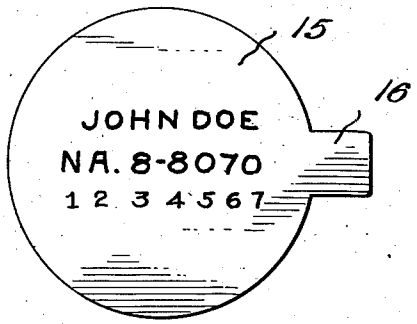


Fig. 5.

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CARD HOLDING ATTACHMENT

Martin B. Disken, Brooklyn, N. Y.

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3 Claims. (Cl. 40—10.5)

The present invention relates to card holding attachments and has for an object thereof the provision of a card holding attachment adapted for detachable mounting on the dialing wheel of an automatic telephone to simplify the dialing of a selected station.

Another object of the invention resides in the provision of such an attachment which will enable dialing without reference to the dial characters or a directory and eliminate the likelihood of confusion and error.

Still another object is to provide a holder member which is adapted for detachable connection with the conventional structure of a dial telephone.

A still further object is the provision of a dialing card removably fitted in the holder member.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the drawing, forming part of the specification, and wherein like reference characters designate corresponding parts;

Figure 1 is a top plan view of a telephone dial showing the invention mounted thereon,

Figure 2 is a sectional view through the same taken on line 2—2 of Figure 1,

Figures 3 and 4 are enlarged perspective views of the card and holder respectively in separated positions, and

Figure 5 is a plan view showing the reverse side of the card.

Referring to the drawing, which illustrates one example of the invention, B denotes the base of a conventional automatic telephone equipped with the usual dial disk D having circularly arranged letter and numeral characters and the oscillatable wheel W provided with the customary apertures P disposed to register with the dial characters. This wheel ordinarily has a raised circular boss-like projection C on its center portion and is turned with reference to a fixed arm F extending over the circumferential margin.

My invention has particular reference to an attachment which is to be mounted on the wheel W and advantageously in association with the boss C thereon. With this in view a holder member 10, which may be in the form of a cylindrical sleeve-like body, has an internal diameter substantially corresponding to the external diameter of the wheel boss C designed to be slidably and snugly fitted to embrace the boss. Approximately midway of its ends the sleeve 10 has fixedly mounted therein a transversely disposed rigid partition plate 11 in the form of a disk conforming to the interior of the sleeve. On one point of the exterior of the sleeve is secured a radially projecting lug 13 arranged to contact the arm F.

This cup-like body is adapted to carry, in its upper socket, a card 15 which may be constructed of stiff cardboard or the like and which is essentially disk-shaped to frictionally fit within the circumferential wall of the socket and against the partition 11. The circular card 15 is formed with a tongue 16 projecting radially from its periphery and adapted slidably to engage a rectangular recess or notch 17 in the upper part of the circumferential body wall to preclude angular displacement of the card when seated in its socket. As shown at Figures 1 and 3, the face of the card which is uppermost in use, has marked thereon a relatively small concentric circle 18 from which radiate straight lines 19 dividing the face into segments 20 corresponding in number to and disposed to assume radial registry with the dial character exposing aperture P when it is properly seated with the tongue protruding through the holder notch. On its reverse or under face the card is to be marked with station designating indicia, as for example the name of a predetermined person and the call letters of the central office and figures or numbers constituting the characters identifying his station. Below these characters are identifying numerals sequentially numbering the respective characters from left to right in the order of dialing. In segments 20 of the centrally disposed card 15, corresponding to the respective characters identified thereby are the identifying numerals, indicating the sequence in which wheel W is turned from its normal position to the stop arm F for each designated aperture, as in the usual dialing operation.

Thus, the holder member may be readily fitted on any dial telephone, the lug 13 being disposed to abut the fixed arm for proper positioning. The card 15 carried in the holder will also be properly mounted to arrange the segments thereof in registry with the apertures of the wheel by the placement of the tongue 16 in the notch 17 of the holder as shown by the arrow pointing between the apertures 2 and 3 in Figure 1. The card is susceptible of easy removal by gripping the tongue with the thumb and forefinger. Suitably marked cards of different parties may be interchangeably fitted in the holder.

Therefore, the attachment, which may be easily carried in an ordinary garment pocket, will greatly facilitate the operation of dial telephoning of selected parties and practically eliminate the loss and inconvenience occasioned by erroneous calls.

Having thus described my invention, I claim:

1. In a device of the character described, the combination which comprises a cylindrical sleeve, a transverse partition wall for said sleeve defining an upper and a lower recess therein, said lower recess being adapted to frictionally engage the central boss of a dial telephone and said upper recess being adapted to hold a card bearing indicia denoting the operative sequence of actuating apertures of the dialing wheel of said telephone for calling a station, means for preventing rotation of the card within the sleeve and means on said sleeve to determine the relative angular position of the sleeve with respect to said boss.

2. In a device of the character described, the combination which comprises a short cylindrical sleeve having an inner diameter substantially corresponding to the outer diameter of the central boss of a dial telephone, a partition wall in said sleeve having its plane at right angles to the axis of the sleeve and defining a pair of cup-shaped recesses therein, one of said recesses being adapted to frictionally engage said boss, the other of said recesses being adapted to frictionally hold a card bearing dialing instructions thereon, a lug protruding from said sleeve into cooperating position with the finger stop arm of the telephone to locate the sleeve on said boss, and a notch in the card-holding portion of said sleeve adapted to cooperate with a tongue of said card to fix the position of the card in said recess.

3. In a portable attachment for dial telephones, the combination which comprises a short cylindrical sleeve having an inner diameter substantially corresponding to the outer diameter of the central boss of a telephone dial, a partition wall in said sleeve having its plane at right angles to the axis of the sleeve and defining a pair of cup-shaped recesses therein, one of said recesses being adapted to readily removably engage said boss, the other of said recesses being adapted to readily removably hold a plurality of generally circular cards, each of said cards bearing numerals in radial registry with certain of the apertures of the dialing wheel and denoting the proper sequence of their actuation to call a desired station, a lug externally protruding from said sleeve and abutting against the finger stop arm of the telephone to determine the angular position of said sleeve with respect to said boss, and a notch in the card-holding portion of said sleeve adapted to cooperate with a tongue extending from said cards to fix the position of the cards in said recess.

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