

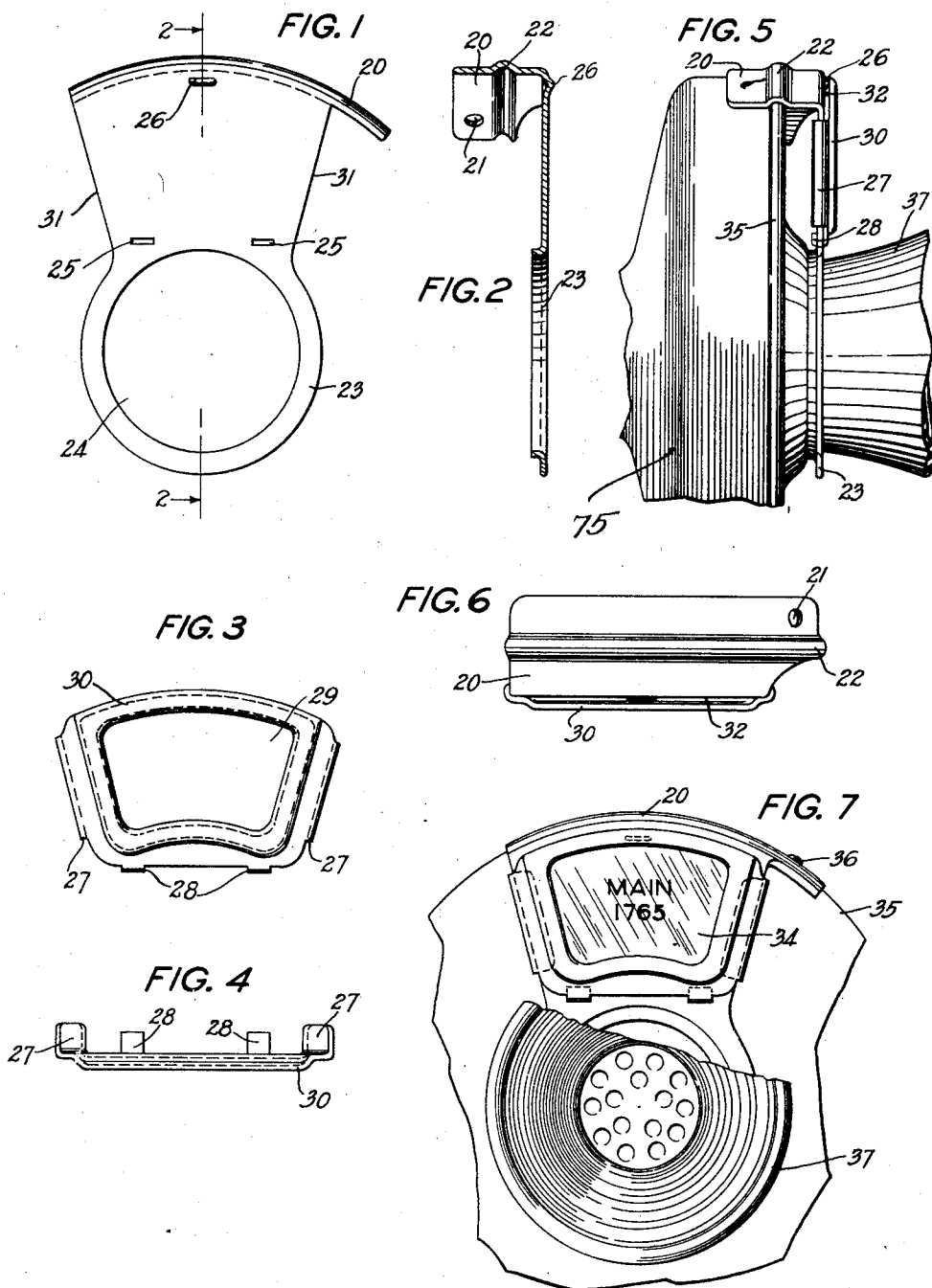
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2 Sheets-Sheet 1



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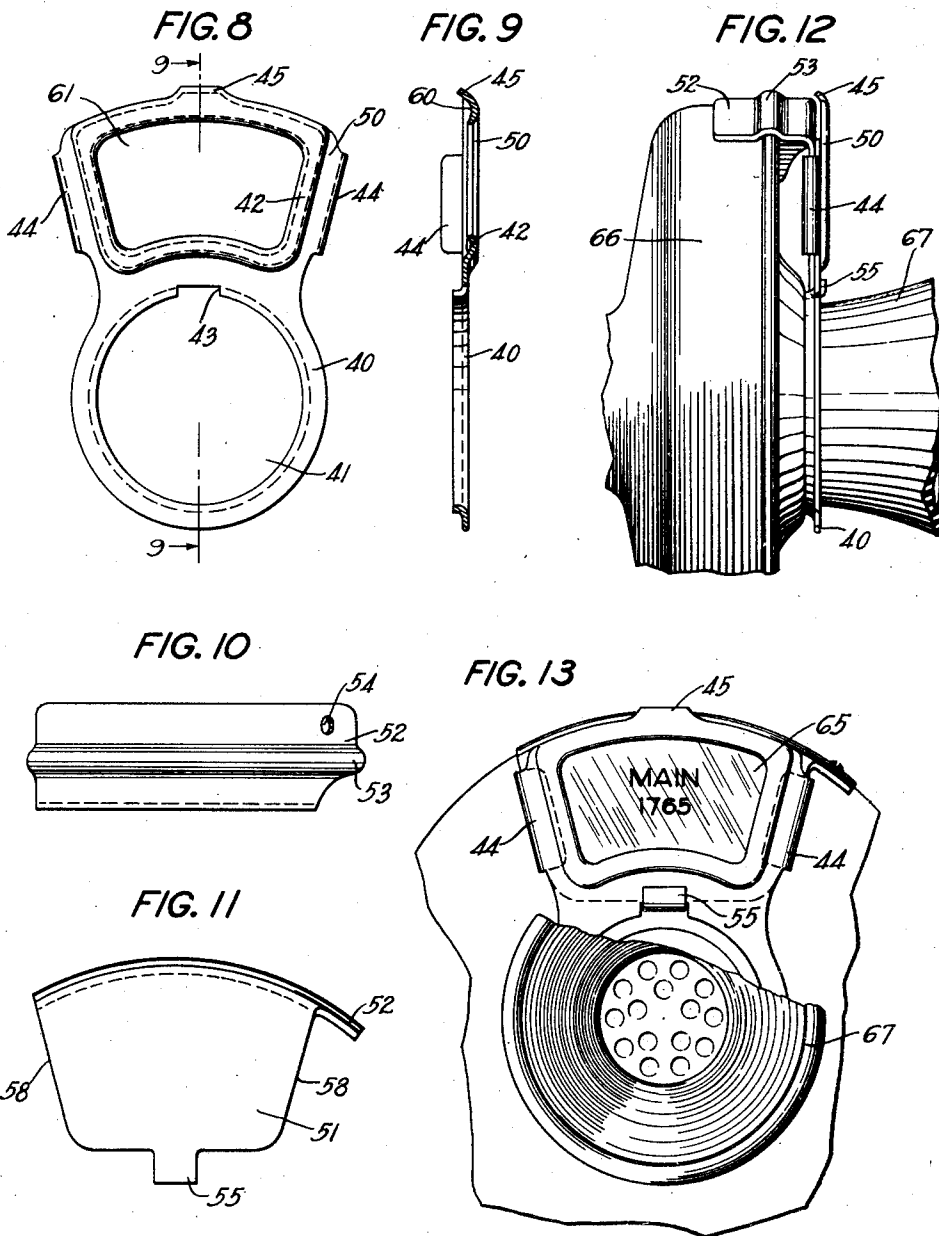
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TELEPHONE CARD HOLDER

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This invention relates to card holders and particularly to card holders for use on the transmitter of subscribers' telephone sets.

An object of the invention is to facilitate the changing of the designation or number card in the holder.

Occasionally, due to expansion of service or for other reasons, it becomes necessary for a telephone company to change the exchange name or telephone number of a telephone subscriber. On such occasions it becomes necessary to replace the designation card on the subscriber's telephone. With some of the card holders which have been used heretofore it has been customary for the telephone company to send a representative to the station to change the card in the holder.

With the card holder according to this invention it is possible for the telephone subscriber to easily remove the old card from the telephone transmitter and to insert the new card which may be mailed to the subscriber by the telephone company.

In the preferred embodiment of the invention the card holder comprises a stamped metal back plate having a flange at one end adapted to be attached to the rim of the transmitter face plate, and a ring portion at the other end through which the transmitter mouthpiece projects and which is held securely against the faceplate by the mouthpiece. The back plate has two symmetrical slots near the ring portion. A punched metal card frame having an extension on each side bent at right angles thereto and two ears on the lower edge is attached to the stamped plate by placing the extensions on either side of the back plate and inserting the ears in the symmetrical slots and then bending the extensions and ears of the card frame against the rear of the back plate. The designation card is inserted in the holder thus constructed through a slot at the upper edge formed by the card frame and the back plate.

In another embodiment of the invention the punched card frame is formed integrally with the ring portion. The frame has an extension on each side and the upper portion of the ring is slotted. A back plate with a

flange to be attached to the transmitter face plate has an extension on its lower edge which is fitted into the slot in the ring portion and is bent against the front of the ring portion while the extensions on the sides of the ring portion are bent against the rear of the back plate.

Through the use of a card holder constructed according to this invention the designation card may be easily changed by a telephone subscriber without requiring the aid of a service man from the telephone company. Furthermore, the substantially enclosed holder prevents loss of the card and also protects the card from dust.

Referring now to the drawings, Fig. 1 is a front view of the back plate employed in the preferred card holder according to this invention.

Fig. 2 is a sectional view along the line 2-2 of Fig. 1.

Fig. 3 is a front view of the card frame which is adapted to be attached to the back plate shown by Fig. 1.

Fig. 4 is a plan view of the card frame. Fig. 5 is a side view of the assembled card holder showing the back plate illustrated in Fig. 1 and the card frame illustrated in Fig. 3 assembled and mounted on a transmitter, a portion of which is shown.

Fig. 6 is a plan view of the assembled card holder.

Fig. 7 is a front view of the assembled card holder mounted on a transmitter.

Fig. 8 is a front view of the ring portion of the card holder constructed according to another embodiment of the invention.

Fig. 9 is a sectional view along the lines 9-9 of Fig. 8.

Fig. 10 is a plan view of the back plate which is adapted to cooperate with the ring portion shown by Fig. 8.

Fig. 11 is an elevational view of the back plate shown in Fig. 10.

Fig. 12 is a side view of the complete card holder mounted on a transmitter, a portion of which is shown.

Fig. 13 is a front view of the assembled card holder mounted on a transmitter.

The card holder back plate shown by Figs. 100

1 and 2 is stamped from thin sheet metal. It has an overhanging flange 20 which is adapted to be secured to the face-plate of a telephone transmitter by means of a screw extending through the opening 21. The flange 20 is provided with a raised curved portion 22 which is adapted to fit over the rim 35 of a telephone transmitter face-plate. The ring portion 23 of the back plate has an opening 24 which is adapted to receive the mouthpiece of a transmitter. Two symmetrical slots 25 are placed above the ring portion 23. A projection 26 is provided on the front of the back plate and serves to prevent a card from becoming easily dislodged from an assembled card holder.

The card frame shown by Figs. 3 and 4 consists of a sheet metal punching. It has two bent extensions 27 on its sides and two ears 28 on its lower edge. An opening 29 is provided through which the marking on the designation card may be seen.

The card holder is assembled by placing the card frame against the back plate in such a position that the ears 28 of the card frame extend through the slots 25 of the back plate and the extensions 27 of the frame extend past the sides 31 of the plate. The ears 28 and the extensions 27 are then bent against the rear of the back plate and securely clamp the plate and the frame together. Figs. 5, 6 and 7 show the assembled card holder. The card frame has an embossed portion 30 formed when the frame is punched, the inner wall of which extends outwardly from the remainder of the frame and which when the card holder is assembled, forms, between its inner wall and the outer wall of the back plate, a recess or slot 32 in which the designation card may be deposited and held. The slot 32 is open at its upper portion and is closed around the remainder of its periphery by the close contact of the card frame against the back plate. The designation printed on a card 34 inserted within the slot 32 may be read through the opening 29. The projection 26 on the back plate is seen to extend within the slot 32 and serves to prevent a card from being accidentally dislodged from the slot.

In Figs. 5 and 7 the card holder is shown mounted on a transmitter with the flange 20 attached to the casing 75 of the transmitter by means of screw 36 through the opening 21. The lower portion of the transmitter 37 fits closely within the opening 24 of the ring portion 23 and holds the ring portion securely in position.

A piece of celluloid or other transparent material may be inserted within the slot 32 between the designation card and the opening 29 and the card is completely enclosed except for the opening at the top of the card holder and is thereby substantially shielded from dust.

In the embodiment of the invention illus-

trated in Figs. 8, 9, 10, 11, 12 and 13, the card holder comprises a metallic punching having a ring portion 40 and an integral frame portion 50. The opening 41 is provided for the insertion of the transmitter mouthpiece. A slot 43 in the ring portion 40 is cut into the opening 41. Two wing extensions 44 are formed on the sides of the card frame 50. An extension 45 is provided at the upper end of the card frame 50 and serves to prevent the accidental dislodgement of a designation card 65 from the assembled card holder.

The back plate 51 shown by Figs. 10 and 11 has formed on its upper edge, a flange 52 which is adapted to be attached to the casing of a telephone transmitter by means of a screw through the opening 54, the curved portion 53 of the flange 52 being adapted to fit over the edge of the face-plate. The back plate has an extension 55 on its lower edge.

The card holder is assembled by placing the back plate 51 against the rear of the card frame 50 so that the extension 55 is adjacent the slot 43 and the extensions 44 of the card frame extend past the sides 58 of the back plate. The extension 55 of the back plate 51 is then bent around the slot 43 against the front of the card frame 50 and the extensions 44 of the card frame are bent around the sides 58 and against the rear of the back plate. The assembled card holder is shown in Figs. 12 and 13. The embossed portion 42 of the card frame forms a recess 60 between its inner edge and the wall of the back plate in which the designation card may be placed. The extension 45 at the upper portion of the card frame partially closes the recess 60 into which the designation card is introduced, and prevents the accidental dislodgement of the card. The recess 60 is bounded by the rim of the embossment 42 and the card may be viewed through the opening 61 in the card frame 50.

In Figs. 12 and 13 the card holder is shown mounted on a transmitter with the flange portion 52 attached to the casing 66 of the transmitter by means of a screw extending through the opening 54. The mouthpiece 67 fits within the opening 41 of the card frame 50.

The invention which has been heretofore described provides simple and rugged card holders which may be easily and cheaply manufactured and easily attached to telephone transmitters. With these card holders it is a simple matter for a telephone subscriber to change the designation card when it becomes necessary. The substantially enclosed holder prevents accidental dislodgement of the card and also protects the card from dust.

What is claimed is:

1. A card holder for a telephone transmitter comprising a metallic stamping having a supporting flange portion extending circumferentially of the transmitter, a ring portion

and a plate portion, and an apertured frame punching attached to said plate portion.

2. A card holder for a telephone transmitter comprising a metallic stamping having a supporting flange portion for engaging the periphery of said transmitter, a ring portion and a plate portion, and an apertured frame punching clamped to said plate portion.

3. A card holder for a telephone transmitter comprising a metallic stamping having a supporting flange portion for attachment to the casing of said transmitter, a ring portion and a plate portion, and an apertured frame punching, said punching having extensions on the sides thereof for clamping said punching to said plate portion.

4. A card holder for a telephone transmitter comprising a metallic stamping having a supporting flange portion for engagement with the outer surface of said transmitter, a ring portion and a plate portion, and an apertured frame punching, said punching having extensions on the two sides and lower portion thereof for clamping said punching to said plate portion.

5. A card holder for a telephone transmitter comprising a metallic stamping having a supporting flange portion for engagement with the outer edge of said transmitter, a ring portion and a slotted plate portion, and an apertured frame punching, said punching having extensions on the sides thereof which are clamped around the sides of said plate portion and extensions on the lower portion thereof which extend through said slotted plate portion and are clamped thereto.

6. A card holder for a telephone transmitter comprising a metallic stamping having a supporting flange portion for attachment to the outer surface of the transmitter ring portion and a plate portion, an apertured frame portion contacting with said plate portion along three edges thereof, and a projection on said plate portion extending into the space between said plate portion and the free edge of said punching.

7. An attachment for a telephone transmitter comprising two members secured together in spaced relationship to provide a pocket open at one end to allow the insertion or removal of a card, one of said members having an integral flange portion for engagement with the casing of said telephone transmitter.

8. An attachment for a telephone transmitter having a casing and a mouthpiece extending from said casing comprising two metallic members secured together in spaced relationship to provide a pocket open at one end for receiving a card, one of said members having a ring portion encircling said mouthpiece, and means for preventing rotation of said attachment about said mouthpiece.

9. A card holder for a telephone trans-

mitter having a casing and a mouthpiece extending from said casing, comprising a card frame, a metallic plate attached to the back of said frame but spaced therefrom to provide a space for the insertion of a card and having a ring portion encompassing said mouthpiece, and a flange extending from said metallic plate for attachment to said casing.

10. An attachment for a telephone transmitter comprising an apertured frame punching, a metallic stamping rigidly clamped thereto and spaced therefrom to allow the insertion or renewal of a card between said punching and said stamping, means for preventing accidental dislodgement of said card, and a flange member integral with said stamping for engagement with the outer surface of the casing of said transmitter.

11. A card holder for a telephone transmitter comprising a punching having a supporting ring portion and a frame portion, and a plate member attached to the rear of said frame portion and spaced therefrom to provide a pocket open at one end to allow the insertion or removal of a card.

12. A card holder for a telephone transmitter comprising a punching having a supporting ring portion and a frame portion, and a plate member secured to the rear of said frame portion and spaced therefrom to provide a space for the insertion of a card, said plate member having a flange for engagement with a portion of the casing of said telephone transmitter.

13. A card holder for a telephone transmitter comprising a metallic punching having a supporting ring portion and a frame portion, extensions on said frame portion, a plate member secured to the rear of said frame portion by said extensions, said plate member being spaced from said frame portion to provide a pocket open at one end for receiving a card, and means associated with said pocket to prevent accidental dislodgement of said card from said pocket.

14. A card holder for a telephone transmitter comprising a metallic punching having a ring portion and a frame portion, a plate on the rear of said frame portion, extensions on the sides of said frame portion bent around the sides of said plate, and an extension on said plate bent over an edge of said ring portion.

15. A card holder for a telephone transmitter comprising a metallic punching having a supporting ring portion and a frame portion, a back plate contacting with said frame portion along three edges thereof, the three edges of said frame and plate forming a pocket for the introduction of a designation card, and a projection on said frame portion for retaining said card in said holder.

In witness whereof, I hereunto subscribe my name this 29th day of December, 1928.

JOHN M. HAYWARD.