

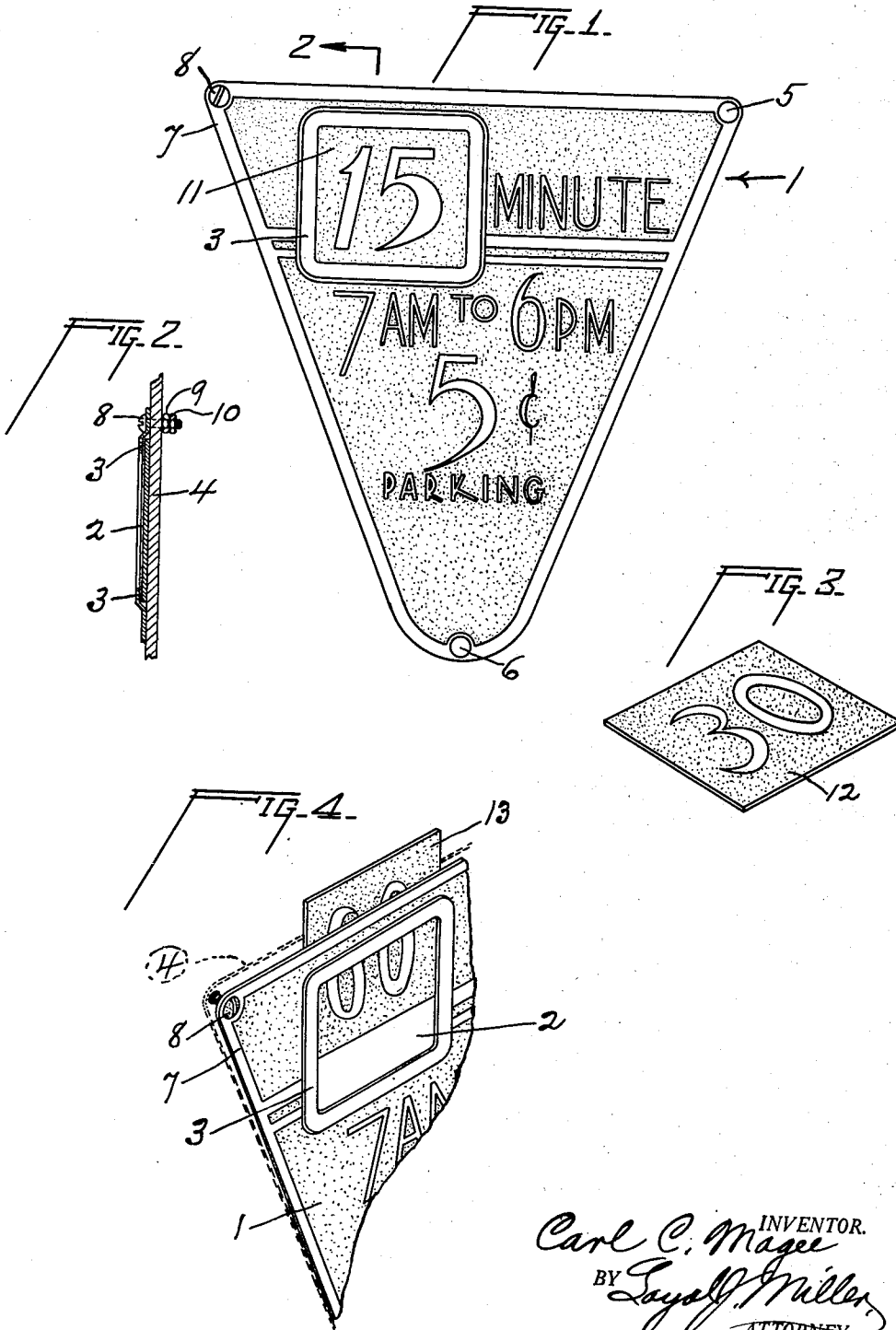
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FACE PLATE

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FACE PLATE

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3 Claims. (Cl. 40-63)

My invention relates to face plates and more particularly to face plates for meters, vending machines, or other locking enclosures.

The objects of my invention are to provide a device of this class which is new, novel, practical and of utility; which is non-removable after being attached in the desired location; which displays a small plate through an open window therein; which locks said plate in said window; which will allow only desired persons to remove said plate; and, which will be efficient in accomplishing all the purposes for which it is intended.

With these and other objects in view as will more fully appear hereinbelow, my invention consists in the construction, novel features, and combination of parts hereinafter more fully described, pointed out in the claims hereto appended, and illustrated in the accompanying one-sheet drawing, of which,

Figure 1 is a plan view of the device showing the small plate in position in said window.

Figure 2 is a fragmentary sectional view of the device in position on a wall of a housing showing the small plate locked in position in said window.

Figure 3 is a view of a substitute small plate.

Figure 4 is a fragmentary view of the device in open position showing one of the plates partially inserted in the window.

Like characters of reference designate like parts in all the figures.

It is understood that various changes in the form, proportion, size, shape, weight, material and other details of construction, within the scope of my invention may be resorted to without departing from the spirit or broad principle of my invention and without sacrificing any of the advantages thereof; and it is also understood that the drawing is to be interpreted as being illustrative and not restrictive.

The inventive idea involved is capable of receiving a variety of mechanical expressions one of which, for the purpose of illustrating the invention is shown in the accompanying drawing wherein:—

Numeral 1 designates the face plate as a whole. It may be made in any desired shape or size and of any desired material which is not brittle. An open window 2 of any suitable size or shape is cut through the plate 1, preferably near one of its edges or corners. For a uniform distance around the edges of said window the plate 1 is pressed outward toward its face to form a continuous flange 3 completely surrounding said window.

In use the plate will ordinarily be attached to a flat wall 4 of a metal box or housing which is capable of being locked. The face plate 1 may be permanently attached flat against said flat wall 4 at any or all points around its edges save at the edge or corner nearest which the window 2 is located. In Fig. 1, I have shown the face plate attached by means of rivets 5 and 6 through co-operating perforations in the edge of the face plate, but it may be rigidly secured in any other manner. One corner 7 is not permanently secured to the wall 4, but is attached to the wall by means of a bolt 8 passing through the plate 1 and the wall 4, and is held in position by two nuts 9 and 10. The end of the bolt is also braded to prevent the nuts from coming entirely off of said bolt. The perforation in the wall 4 is not threaded but the bolt is free to turn therein or slide therethrough.

A small plate 11 is made of a thickness approximately the same as the distance between the flange 3 and the wall 4 when the face plate 1 is in position on said wall. The size and shape of the small plate is approximately the same as the inner dimensions of said continuous flange 3. If desired the small plate may be made thinner and with a beaded or turned edge to make it fit tightly inside said flange.

By unlocking the box or enclosure to which my face plate is attached the nuts 9 and 10 may be loosened on the bolt 8. The corner or edge secured by the bolt 8 may then be bent outward slightly as shown in Fig. 4 and said small plate 11, or substitute plates 12 or 13, may be inserted between said face plate 1 and wall 4 into its seat formed by the flange 3. The corner 7 is then secured tightly against the wall 4 by tightening nut 9 against the inside of the wall 4 and the nut 10 against the nut 9, said nut 10 locking both nuts from rotation on the bolt. The housing or enclosure (only one wall of which is shown) is then locked so that the nuts 9 and 10 are not accessible from the outside, and the small plate 11 cannot be removed from the window 2. An effort to unscrew the bolt from outside the housing results only in the turning of the bolt in the wall 4, and not in the unscrewing of the nuts 9 and 10 from the bolt. Although the bolt 8 is illustrated as having a screw head, this is not at all necessary. In fact the bolt head may be of any desired form, i. e. a smooth head, to prevent any possibility of turning it from the outside of the enclosure, or a flat side to seat against a co-operating boss on the face plate, or the bolt head might be rigidly secured to the face plate by welding, or

other means. None of these latter mentioned means for preventing outside removal of the bolt are illustrated, but I do not wish to be limited by the form of bolt head illustrated.

5 Obviously, the invention is susceptible of embodiment in forms other than that which is illustrated in the accompanying drawings and described herein, and applicable for uses and purposes other than as detailed, and I therefore consider as my own all such modifications and adaptations and other uses of the form of the device herein described as fairly fall within the scope of my invention.

15 Having thus described my invention, what is claimed and desired to be secured by Letters Patent, is:

20 1. A face plate comprising: a large plate member having three or more converging sides and adapted to be rigidly secured to a wall at all corners save one, and having a window near the corner which is not rigidly secured to said wall; an outwardly projecting continuous flange surrounding said window on said plate member, said
25 flange adapted to receive and hold visible in said window a small plate; a small plate in said window; means for removably anchoring the corner of said large plate nearest said window which means can be loosened only from the side of

said wall opposite the side on which said plate member is secured.

2. A face plate comprising: a large plate member having three or more converging sides and adapted to be rigidly secured to the surface of a wall at all corners save one, and having a window adjacent the corner not adapted to be rigidly secured, said plate having an outwardly projecting continuous flange surrounding said window, a smaller plate adapted to fit in said window, said flange adapted to receive and hold said smaller plate visible in said window, and means for removably anchoring the corner of said large plate next adjacent said window, said means adapted to be loosened only from the side of said wall oppositely disposed from that on which said large plate is secured.

3. A device of the class described including: a plate having three or more corners and a window near one of said corners; a display plate; a flange surrounding said window for holding said display plate visible therein; said first mentioned plate adapted to be rigidly secured at all corners, save the one nearest said window, to a wall of a lockable housing; and means for securing said corner nearest said window to said wall, which means can be unsecured only from the inside of said housing.

CARL C. MAGEE.