May 4, 1926. 1,583,740

E. J. PALMER

PLACARD HOLDER

Filed Sept. 28, 1925

Fig. 1.

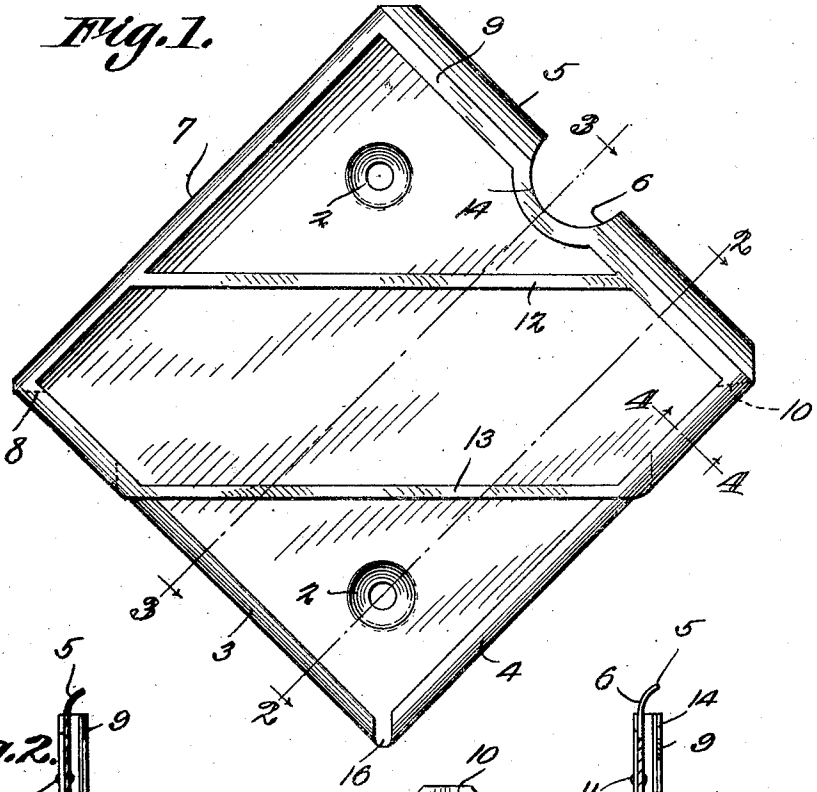


Fig. 2.

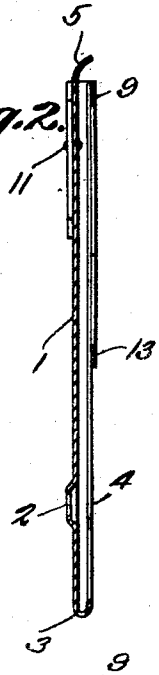


Fig. 5.

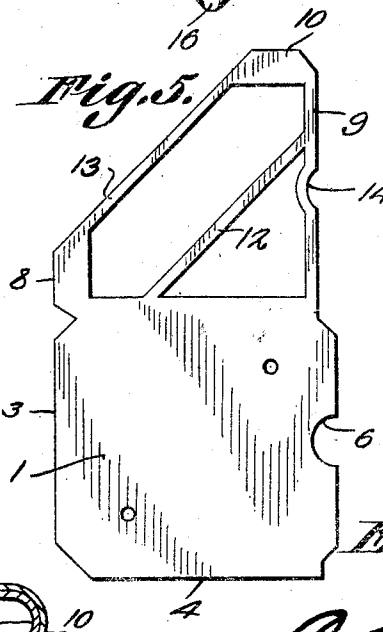


Fig. 3.

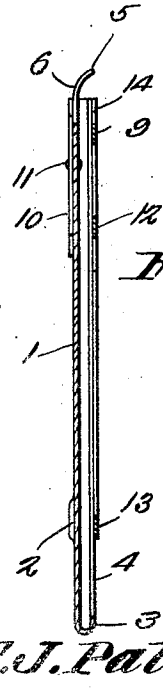
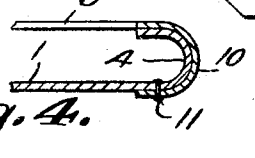


Fig. 4.



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Patented May 4, 1926. 1,583,740

UNITED STATES PATENT OFFICE.

EDGAR JOSHUA PALMER, OF WICHITA, KANSAS.

PLACARD HOLDER.

Application filed September 28, 1925. Serial No. 59,160.

To all whom it may concern:

Be it known that I, EDGAR JOSHUA PALMER, a citizen of the United States, residing at Wichita, in the county of Sedgwick and State of Kansas, have invented a new and useful Placard Holder, of which the following is a specification.

This invention relates to card holders and more particularly to holders of this character designed for use on railway freight cars and the like, to indicate the dangerous character of the contents of the car.

The object of the invention is to provide a simple frame which may be cheaply constructed so that a card may be inserted readily in it and easily removed therefrom, but which will be held against accidental displacement.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

In the accompanying drawings:—

Figure 1 represents a front elevation of a holder constructed in accordance with this invention.

Figure 2 is a transverse section taken on the line 2—2 of Figure 1.

Figure 3 is a similar view taken on the line 3—3 of Figure 1.

Figure 4 is a detail sectional view taken on the line 4—4 of Figure 1, and

Figure 5 is a plan view of the blank from which the holder is made.

In the embodiment illustrated a rectangular plate 1 is shown having counter-sunk apertures 2 at diametrically opposite corners to receive fastening screws for connecting it to a support.

This holder is cut out in the form of a blank as shown in Figure 5 from a single sheet of metal, the side edges 3 and 4 of which are bent inwardly to form the flanges shown in Fig. 1, while the end opposite flange 3 is curved as shown at 5, the inner face of the curve being concaved and which is designed to form a stop to prevent the accidental displacement of the card to be mounted in this holder. A recess 6 is cut out of the curved flange 5 preferably midway the ends thereof to facilitate the insertion and removal of the card to be held by the holder.

As shown in Figure 5, the edge of plate 1 opposed to that which carries the flange 4 is also folded inwardly to form a flange 7 at the end of which is a plate 8 bent to form a trough-shaped member which fits closely around flange 3 near one corner of the frame. Extending laterally from the upper end of flange 7 is a metal strip 9 which extends entirely across plate 1 and is provided at its free end with a plate 10 bent to form a flange encircling trough which fits snugly around flange 4 at the corner diagonally opposite from plate 8 and which is secured to plate 1 by a rivet 11 which is the only fastening element employed in the entire structure.

Two strips 12 and 13 extend one from flange 7 and the other from flange 8 diagonally across the front of plate 1 and connect with strip 9 and plate 10 respectively, being made integral with said elements.

Strip 9 is preferably recessed or curved as shown at 14 with said recess portion registering with the recess 6 in flange 5 and between which strip and said flange the card to be shown is designed to be mounted and which permits the finger to grip the edge of the card for withdrawing it when desired.

It is of course understood that the inturned flanges 3, 4 and 7 are spaced from plate 1 a sufficient distance to permit to be inserted between them and the plate, the card to be held and the flanges are preferably cut out at the corners as shown at 16 in Fig. 1.

From the above description it will be seen that when the blank shown in Fig. 5 is folded into the position shown in Fig. 1 the strips 12 and 13 will operate as retainers to prevent all possibility of the card which is held between them and plate 1 from dropping out forwardly and this is assisted of course by means of the flanges 3, 4 and 7 and the curved flange 5.

In practical operation the card to be exhibited and which may have on its outer face any indicia desired is inserted from the open end between the curved flange 5 and the strip 9 and extends over plate 1 and under flanges 3, 4 and 7 and strips 12 and 13, with one edge extended into the recess 6

after it has been inserted. This extension of the edge into this recess provides for a finger grip on the card to remove it when necessary.

I claim:—

A card holder comprising a one-piece frame cut out from a single sheet of metal with overhanging card retaining flanges along three edges thereof, and its other end curved to form a retaining lip, a plate formed integral with one of said flanges and adapted to be folded around an adjacent flange, integral strips extending from said plate and the flange which carries it, said strips being spaced from each other, with a plate carried by the free ends of said strips and adapted to be folded around another flange at a diametrically opposite point from the first mentioned plate, and a strip connecting the last mentioned plate with a flange which carries said strip.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

EDGAR JOSHUA PALMER.