E. HOLMES.

SIGN CHARACTER.

APPLICATION FILED FEB. 12, 1919.

1,349,670. Patented Aug. 17, 1920.

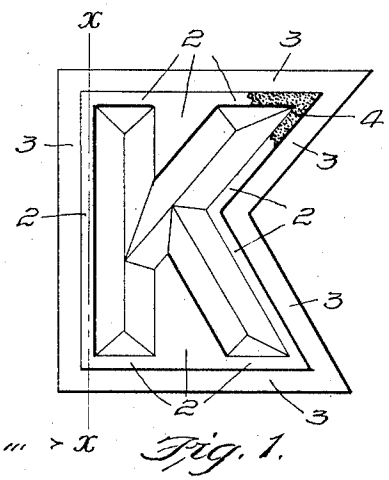


Fig. 1.

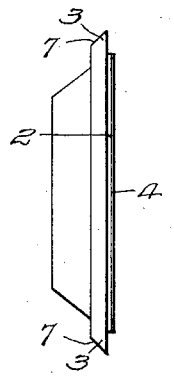


Fig. 2.

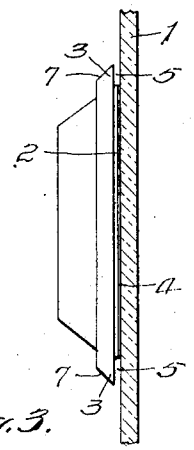


Fig. 3.

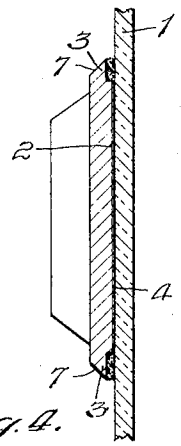


Fig. 4.

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UNITED STATES PATENT OFFICE.

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SIGN CHARACTER.

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To all whom it may concern:

Be it known that I, EDWARD HOLMES, a citizen of the United States, residing in the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Sign Characters, of which the following is a specification.

My invention relates to improvements in sign characters and more particularly to characters adapted to be affixed to window or similar glass surfaces.

The object of my invention is to provide a sign character which is adapted to be molded from a suitable plastic material and so constructed that the sized surface of the character when adhering to a glass surface may be protected from moisture, when desired, by means of a sealing agent to prevent the sized surface from losing its adhering qualities to the glass.

With the above and other objects in view, the invention consists in certain novel features of construction hereinafter fully described and finally pointed out in the claims hereto appended.

Referring to the accompanying drawings forming a part of this specification wherein like characters of reference denote similar parts throughout the several views:

Figure 1 is a front elevation of a sign character constructed in accordance with my invention.

Fig. 2, is a view looking in the direction of the arrow in Fig. 1.

Fig. 3, is a view similar to Fig. 2 showing the character applied to a glass body.

Fig. 4, is a sectional view on line X—X of Fig. 1, of the character "K" applied to a glass body.

Referring to the drawings, the reference character 1 designates a suitable window or door glass.

I have illustrated in the drawings but a single character and that being the letter "K."

The character is formed or molded preferably from a suitable plastic material, which may, if desired, have adhering qualities but may be made from putty or clay and burnt, if desired.

Heretofore characters of the type similar to that shown have been made from copper but I find a plastic composition equally as satisfactory and much cheaper to make.

The characters, which are preferably of the sunken or hollow type, may preferably have their beveled sunken surfaces provided with a varnish gold bronze, or the like, and completely encircled with a sizing surface 2, as clearly shown in Fig. 1.

The sizing surface 2 is located a suitable distance above the display surface of the border flange 3 of the character, and the sizing surface may or may not be provided with a felt or other absorbent covering 4 in the form of the outline of the character to which it is applied. The border flange provides a pocket 5 between a glass surface and the display surface of the border flange 3 when the character is applied to a glass surface, as shown in Fig. 3. It will be observed that the sizing surface 2 is not in the same plane with the auxiliary surface of the border flange 3 thus forming the depressed border flange. The pocket 5 surrounds the letter or character for the reception of a sealing agent 6, such for instance as a heavy paint, or putty, as clearly shown in Fig. 4. It is manifest that the covering 4 may be of one color and the sealing agent of another color where it is desired to have two colored outlines of the character. To affix the letter or character to a glass surface the contact surface of the character is provided with a suitable size which when set will firmly hold the character in position upon the glass surface. The rear corner of the border flange 3 is beveled, as at 7, to render it neat in appearance when looking at the letter from an angle through a window.

It will here be observed that the sealing agent 6, after the character has been applied to a glass protects the sizing surface of the character from attracting moisture and thereby prevents the character from becoming loose and falling off of a glass surface from that cause. Where there is no protection for the sizing surface of a character as is now the common practice, the sizing surface soon attracts moisture which gradually loosens the character and it then falls off a glass surface.

The sealing agent 6 also assists in holding the character to the glass owing to its adhering qualities, as is manifest.

It may here be stated that when the characters are made from a plastic material having adhering qualities that the characters may be dampened and applied to the glass with a very thin coat of sizing. In this instance the covering 4 is not necessarily used. When the characters are used for signs

which are frequently changed or removed, it is not necessary to use the sealing agent 6, as the adhering qualities of the size applied to the characters will hold them in position with the assistance of the air pocket formed between the glass and the character within the sized surface of each character. The characters are in this instance easily removed from the glass surface, when desired.

The many advantages of a character of the class described will readily suggest themselves to sign painters, and all those skilled in the art to which it appertains.

I do not desire to be understood as limiting myself to the details of construction and arrangement as herein described and illustrated, as it is manifest that variations and modifications may be made in the features of construction and arrangement in the adaption of the device to various conditions of use without departing from the spirit and scope of my invention and the terms of the following claims, hence wish it to be understood that I reserve the right to make any such changes or modifications as may fairly fall within the scope of the appended claims when fairly construed.

What I claim is:—

1. A sign character having a size receiving surface for adhering the character to glass, and a depressed border flange for the character adapted to form a pocket between the flange and the glass when the character is applied to a glass surface.

2. A sign character having a size receiving surface for adhering the character to glass, a depressed border flange for the character adapted to form a pocket between the flange and the glass when the character is applied to a glass surface, and a sealing agent for said pocket.

3. A sign character having a border flange, a size receiving surface formed upon the front face of the character in front of the front face of said flange, said flange adapted to form a pocket between itself and a glass window when the character is applied thereto, and a sealing agent for said pocket.

4. Plastic sign characters having a size receiving surface formed around the outline of the character, a depressed border flange extending beyond the outer edge of the sized surface, and each character having a recessed portion to provide an air pocket between the glass and the body of the character.

5. Plastic sign characters having a size receiving surface formed around the outline of the character, a depressed border flange extending beyond the outer edge of the sized surface, each character having a recessed portion to provide an air pocket between the glass and the body of the character, and a sealing agent for protecting the sized surface of each character.

6. A sign character of the sunken type comprising a body having a size receiving surface encircling the face of the character adapted to engage a glass surface and adhere thereto, a border flange for the character extending beyond the boundaries of the size receiving surface, the front face of which is arranged below the size receiving surface to form a pocket around the character adapted to receive a sealing agent to keep moisture from being attracted to the size receiving surface.

7. A sign character having a front surface in the form of an outline of the character, an absorbent material applied to the front outline surface of the character, a depressed border flange extending beyond the outline of the character adapted to form a channel around the character when applied to a glass surface by means of sizing applied to the absorbent material, and a sealing agent applied in the channel around the character to protect the sized surfaces of the character from attracting moisture and falling off of the glass surface.

In testimony whereof I have hereunto signed my name to the specification.

EDWARD HOLMES.