W. H. BOCK.

LETTER.

APPLICATION FILED MAR. 10, 1913.

1,085,530.

Patented Jan. 27, 1914.

2 SHEETS—SHEET 1.

Fig. 1.

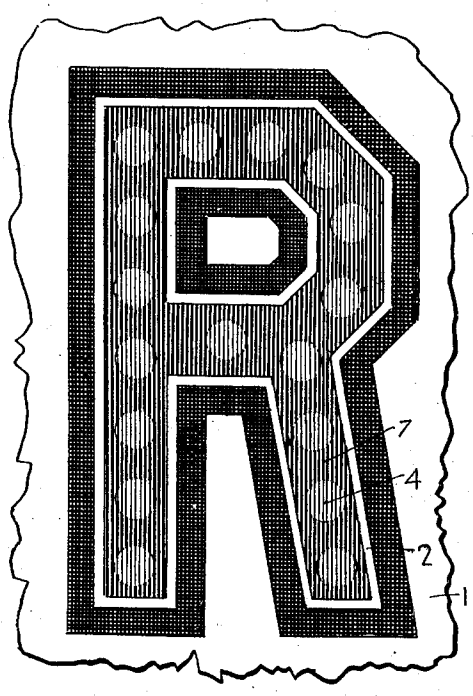


Fig. 2.

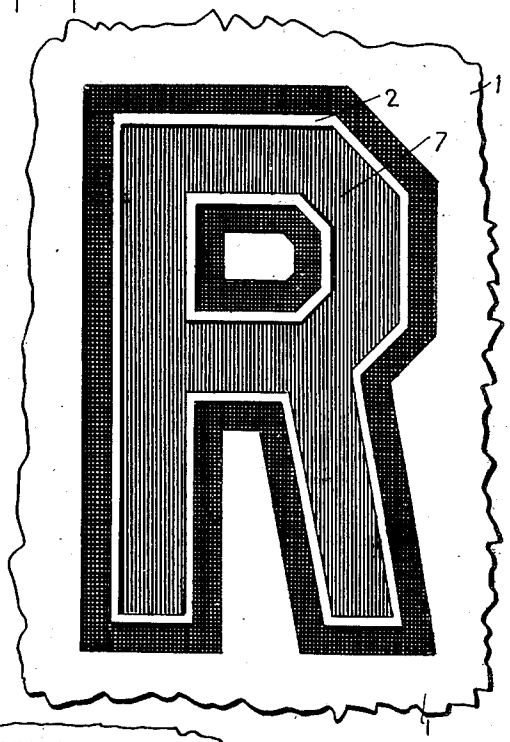
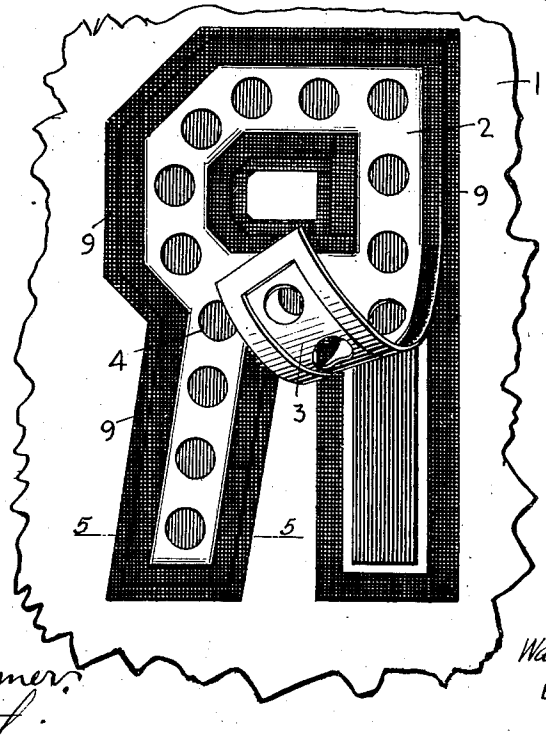


Fig. 3.



WITNESSES

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2 SHEETS—SHEET 2.

Fig. 4.

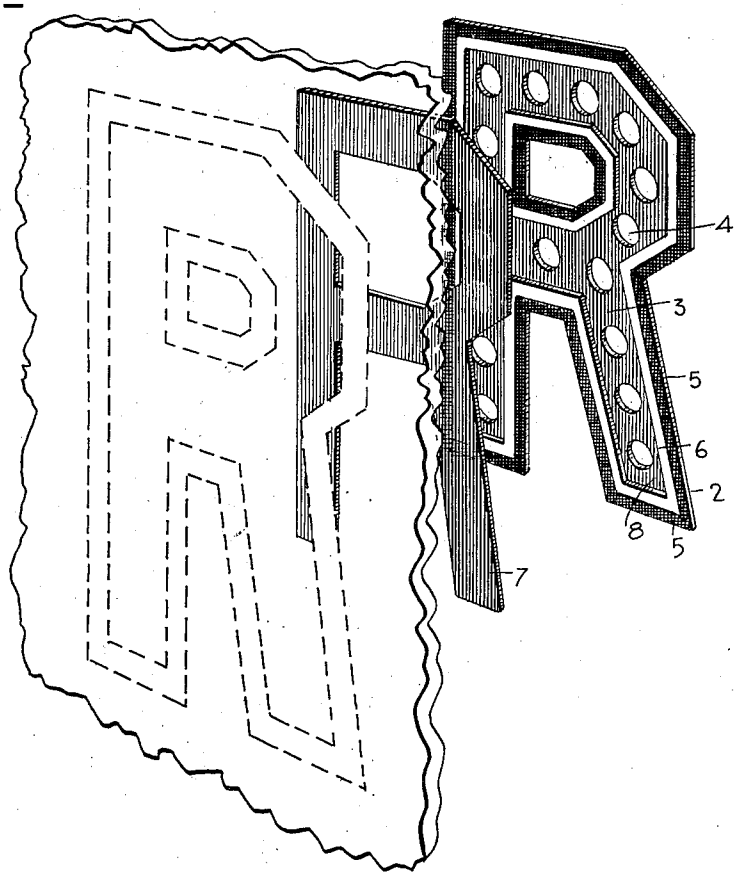
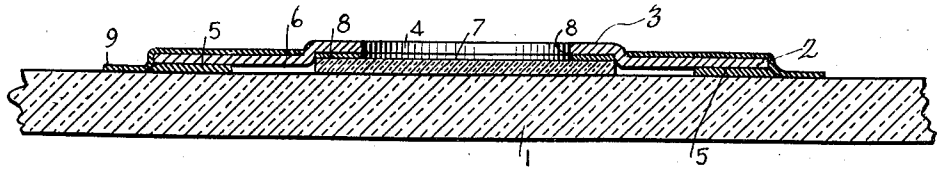


Fig. 5.



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LETTER.

1,085,530. Specification of Letters Patent. Patented Jan. 27, 1914.

Application filed March 10, 1913. Serial No. 753,192.

To all whom it may concern:

Be it known that I, WALTER H. BOCK, a citizen of the United States, and a resident of the city of New York, Corona, borough of Queens, in the county of Queens and State of New York, have invented a new and Improved Letter, of which the following is a full, clear, and exact description.

This invention relates to improvements in signs, and particularly to signs or letters having translucent portions, and has for an object to provide an improved structure which is adapted to be clearly seen either day or night.

Another object in view is to provide an improved letter with an apertured base or background structure arranged in the form of a letter or configuration designed to be presented, and a translucent covering for the apertured portion of the design and conforming to the arrangement of the apertures so that during the day the translucent covering will be seen, and during the night the outline of apertures, a lamp or suitable light to be placed in back thereof.

A still further object of the invention is to provide a letter or sign structure formed with an outline of translucent material but colored to a certain extent so as to hide from view anything placed in back thereof when viewed from a distance, and a background or base placed back of the translucent portion of the letter or configuration formed with apertures conforming to the desired letter, whereby the letter or configuration may be seen during the day, and may be seen during the night after a light has been placed in back thereof.

In carrying out the objects of the invention, the letter is adapted to be placed upon a transparent support, as for instance a glass window, and secured by any desired means, as for instance a suitable adhesive. In forming the letter a base is provided of the shape of letter desired and pressed until there is a depressed portion forming the letter. Arranged in this depressed portion are a plurality of apertures following the depression so that when a light is placed in back thereof the same will shine through the apertures and give the correct outline of the letter. A translucent substance, as for instance colored celluloid, is placed in the depressed portion and then the entire letter, including the celluloid filling, is secured to the glass support by an adhesive. In order to properly finish the letter a border is painted around the letter of a different color from the base or the celluloid filling.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a front view of a letter as the same appears at night; Fig. 2 is a view similar to Fig. 1 except that the same shows the letter as it appears during the day; Fig. 3 is a rear view of the letter shown in Figs. 1 and 2, part of the base being raised for better illustrating the construction; Fig. 4 is a perspective view showing the glass support and parts of the letter separated; and Fig. 5 is a section through Fig. 3 approximately on the line 5—5, the same being shown on an enlarged scale.

Referring to the accompanying drawings by numerals, 1 indicates a glass support of any kind, as for instance the glass in show windows. Connected to glass 1 is a base 2 formed of any desired material, as for instance metal of a shape of the letter desired. It will be understood that other configurations besides letters could be formed without departing from the spirit of the invention, and that the expression letter will include such other configurations. The base 2 is provided with a depression or pressed out portion 3 which conforms to the shape of the letter and in which is arranged a plurality of apertures 4 so that when a light is placed in back of the base 2 the outline of the letter will be seen through apertures 4. The base 2 may be formed from some bright material, as for instance tin-foil, gold, or other metal. When formed in this manner, an adhesive layer 5 is placed around the edge whereby means are provided for securing the base 2 to the glass 1, and also a border 6 is provided which clearly shows up in Figs. 1, 2, and 4. In applying the adhesive 5, the same is preferably colored so as to form a contrast with the border 6 and also with the translucent form 7. The form 7 may be colored to any desired extent provided the same is not made opaque. The form 7 is adapted to

fit into the depression 3, and in order to hold the same properly in place, an adhesive layer 8 is applied to the depression 3. This adhesive layer is formed of substantially the same color as the coloring matter in the form 7, so that the color of the translucent form 7 is deepened in order to give the form an opaque appearance, or if the form 7 is perfectly clear, the coloring matter will act as a background therefor, though ordinarily the form 7 is provided with a sufficient color to prevent an observer from seeing the apertures 4 during the day in order that the letter will appear as a clear plain letter as disclosed in Fig. 2. After the form 7 and base 2 have been assembled, they are applied to the glass 1 and then a border 9 of any suitable paint is applied so as to set out more clearly the letter. Also the border 9 is adapted to hide any irregularities in the periphery of the base 2, as the border can be made perfectly straight notwithstanding irregularities of the form. It will be noted that the adhesive 5 and the border 9 are of the same color so as to form a continuous border line as shown in Figs. 1 and 2.

Having thus described my invention I claim as new and desire to secure by Letters Patent:—

A letter of the character described consisting of a metal base forming the outline of a letter, said base having a depressed portion conforming to the letter and a radiating flange all around the depressed portion, said depressed portion being provided with a plurality of apertures, a translucent form mounted in said depressed portion and substantially filling the same, a coloring matter arranged in said depressed portion between said form and said metallic base, said coloring matter being substantially of the same color as the translucent form, whereby the color of the translucent form is deepened in order to give the same an opaque appearance, and a layer of adhesive matter arranged around the radiating flange on said base for securing the base to a support.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WALTER H. BOCK.

Witnesses:

MARY R. TUOHY,

MARGARET DE S. COPPELL.