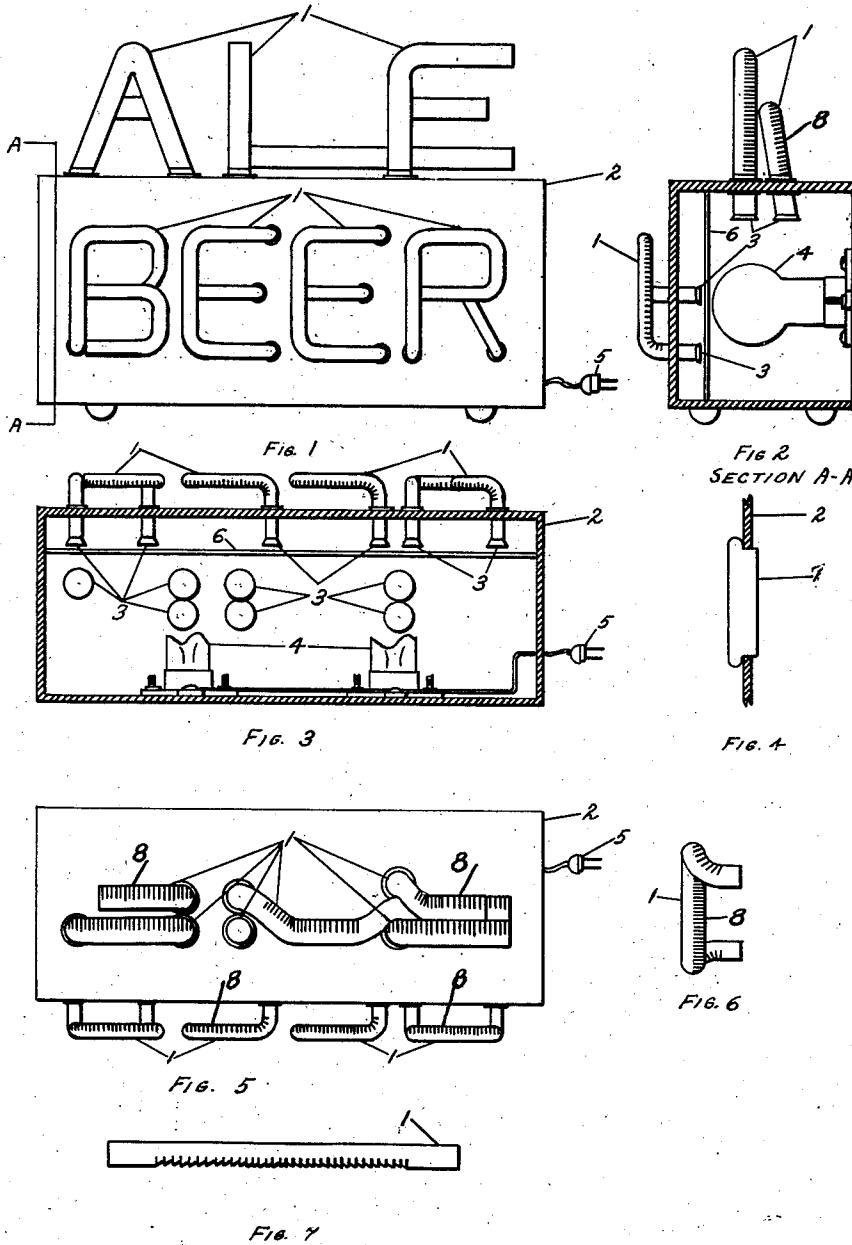


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ILLUMINATED SIGN
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ILLUMINATED SIGN

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5 Claims. (Cl. 40—130)

The invention relates to sign letters and display characters composed of methyl methacrylate resin of transparent material that may be formed into various shapes and characters.

5 Another object of the invention is to provide sign letters and display characters in which the characters are composed of methyl methacrylate resin of transparent material adapted to have colored caps fitted over the bases to reflect and
10 irradiate said colors throughout said characters from a source of illumination.

A further object of the invention is to provide sign letters and display characters in which the characters are composed of solid or hollow
15 methyl methacrylate resin in which the solid characters are recessed in the rear in various designs, and the hollow characters threaded on the inside to reflect and irradiate said characters from a source of illumination.

20 Another object of the invention is to provide sign and display characters composed of methyl methacrylate resin in which the bases may be provided with caps of various colors so that each character may be illuminated of the same or of
25 different colors.

Another object of the invention is to provide sign and display characters composed of methyl methacrylate resin in which a transparent member may be placed between the bases and source
30 of illumination thereby, dispensing with caps on said bases to get a different color on the display character from a source of illuminations.

Other objects of the invention and the details of construction will appear as the specification
35 proceeds in the accompanying drawing. I have illustrated the invention in a practical form, but I would have it understood that changes and modifications may be made without departure from the spirit and scope of the invention.

40 Figure 1 is a side elevation view.

Figure 2 is an end sectional view taken on the line A—A of Figure 1.

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

45 Figure 4 is a partial view of the method of inserting the display characters in the side of the casing.

Figure 5 is a plan view.

50 Figure 6 is a side view of a display character showing the scoring.

Figure 7 is a view of one of the display characters before being formed.

Referring to the drawing, the numeral 2 represents a casing that may be made in various
55 shapes. The display characters 1 are formed of

methyl methacrylate resin and project through the casing at a predetermined length. The rear or back of the display characters are scored as indicated by the numeral 3. The purpose of the scoring is to irradiate and illuminate the front of the sign as observed by looking at the display characters. It has been found in actual practice that the scoring of the rear of the letters adds greatly to the efficiency of the sign. This scoring may be of various designs, one method of which is shown in Figure 7, in which the scoring may be at opposite angles throughout each half of the length of the display characters. The display characters may be round, square or oval shaped as desired.

In Figure 6 I have shown a side view of one of the display characters showing more in detail the scoring of the rear portion of said characters. In Figure 4 I have shown another method of mounting in which the display character 7 is inserted into a slot or opening in the casing formed to take said character.

The display characters are provided at the base with colored caps 3, and these caps may be taken off and interchanged with caps of various colors so that it will be possible, at any time, to change any one display character to a different color as the color of the cap will be irradiated through the display character from a source of illumination.

If it is desired to have the side and top portion of the display characters which extend from the casing, of the same or different colors, this may be accomplished by placing a transparent colored member 6 between the bases 3 of the display characters 1 and the source of illumination 4. By using this method it is not necessary to use colored caps on the bases. The source of illumination will cause the colored member to illuminate and irradiate said display characters, and a variety of colors may be used making any illuminated sign of greater efficiency than the ordinary signs now in use. It will readily be seen, by referring to the drawing, that transparent members 6 of different colors may be used to effect a different color on the top and side display characters.

For a source of illumination I have shown light bulbs 4 that are mounted within the casing and 50 connected with a source of electrical current through the connection 5. It may be possible to use a different source of illumination, therefore I do not wish to be strictly held to electrical illumination.

What I claim is:

1. A luminous sign comprising a casing, a plurality of translucent elements composed of methyl methacrylate resin shaped to form display characters and having their bases secured to the top and side of said casing and projecting there-
5 through, said translucent elements scored in the rear and said scoring formed at opposite angles through each half of the length of said trans-
10 lucent elements, the ends of said translucent elements, projecting through said casing provided with colored caps to irradiate said color throughout said translucent elements, a source of illumination mounted in said casing and adapted
15 to illuminate and irradiate said display characters.
2. A luminous sign comprising a casing, a plurality of translucent elements composed of methyl methacrylate resin shaped to form display char-
20 acters and having their bases secured to the top and side of said casing and projecting there- through, said translucent elements scored in the rear, the ends of said translucent elements pro-
25 jecting through said casing provided with colored caps to irradiate said color through said translu- cent elements, a source of illumination mounted in said casing adapted to illuminate and irradi- ate said display characters.
3. A luminous sign comprising translucent ele-

ments composed of methyl methacrylate resin shaped to form display characters, the rear of said translucent elements scored to reflect light from a source of illumination, the bases of said translucent elements provided with colored caps
5 to irradiate said color through said translucent elements from said source of illumination.

4. A luminous sign comprising translucent elements composed of methyl methacrylate resin shaped to form display characters, the rear of
10 said translucent elements scored in the rear in various designs, the bases of said display characters extending through a casing with colored caps attached to said bases to irradiate said color
15 through said translucent elements, a source of illumination mounted in said casing adapted to illuminate and irradiate said display characters.

5. A luminous sign comprising a casing, trans-
20 lucent elements composed of methyl methacrylate resin shaped to form display characters and hav-
25 ing their bases secured to the top and side of said casing and projecting therethrough, a source of illumination mounted in said casing, colored caps mounted on the bases of said translucent elements to irradiate said translucent elements from
25 said source of illumination.

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