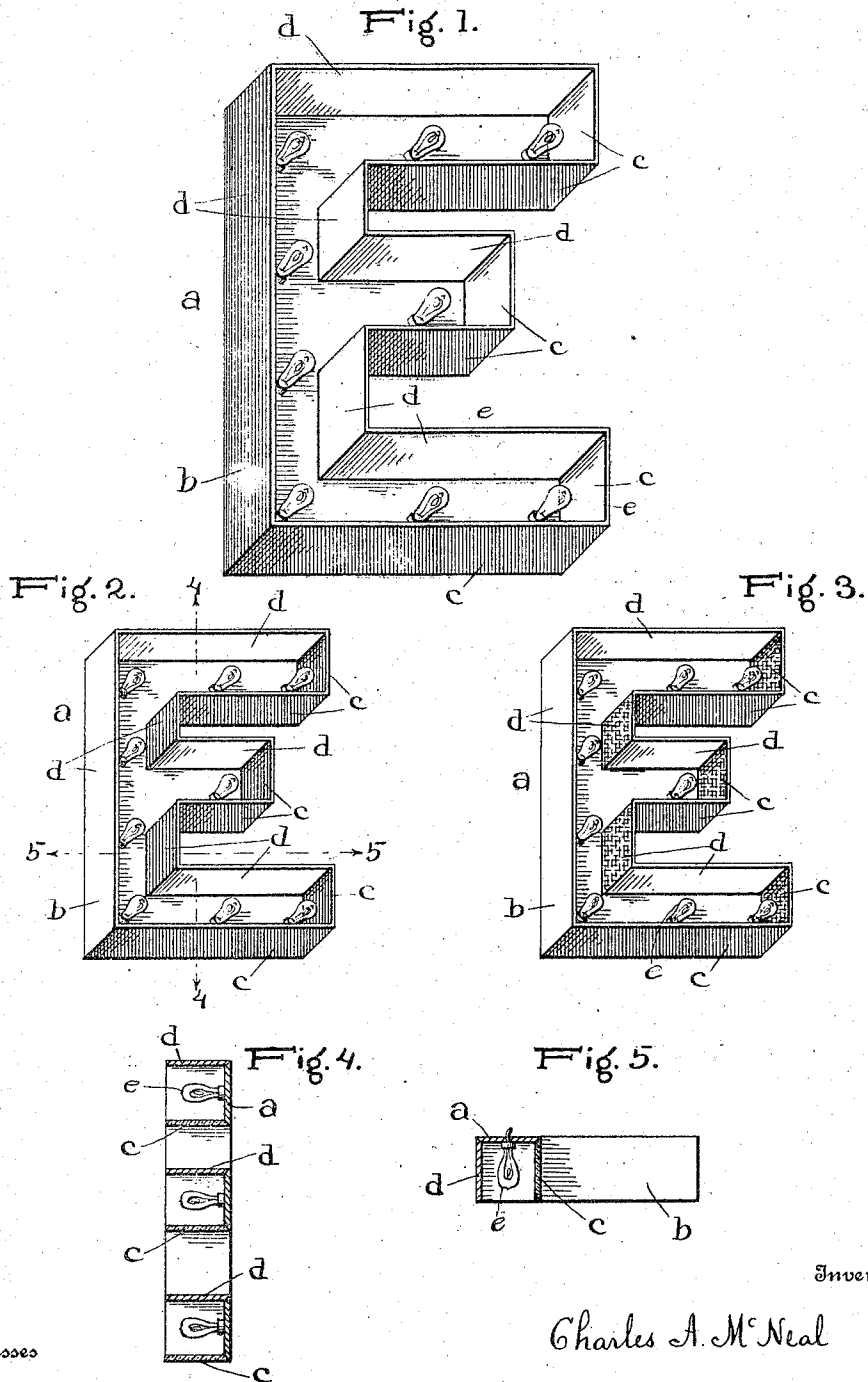


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ILLUMINATED SIGN.
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981,209.

Patented Jan. 10, 1911.



Witnesses

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UNITED STATES PATENT OFFICE

CHARLES A. McNEAL, OF NEWARK, OHIO.

ILLUMINATED SIGN.

981,209

Specification of Letters Patent.

Patented Jan. 10, 1911.

Application filed February 10, 1909. Serial No. 477,211.

To all whom it may concern:

Be it known that I, CHARLES A. McNEAL, a citizen of the United States, and a resident of Newark, in the county of Licking and State of Ohio, have made a certain new and useful Invention in Signs; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a perspective view of a sign letter embodying my invention. Fig. 2 is a similar view showing a modified form of the invention. Fig. 3 is a similar view showing a further modification of the invention. Fig. 4 is a section on the line 4-4, Fig. 2. Fig. 5 is a section on the line 5-5, Fig. 2.

The invention has relation to illuminated signs, and it consists in the novel construction and combinations of parts as hereinafter set forth.

In the accompanying drawings, illustrating the invention, the letter *a*, designates a sign letter of channel form, composed of marginal side or walls *b*, raised or standing out from the face of the sign board and forming an outline of the letter. The lower and left hand marginal walls representing the shade thickness or depth of the letters are designed to show in color, usually a brilliant color, while the opposite upper and right hand walls are to show in white or some contrast-

ing color to that of the lower and left hand walls. With this object in view, the lower and left hand walls indicated at *c*, *c*, are formed of colored transparent or translucent material, such as glass, mica, celluloid or other suitable substance, while the opposite upper and right hand walls indicated at *d*, *d*, are formed of transparent or translucent material of a contrasting color to that of the lower and left hand walls. Within the sign letter so outlined are electric light bulbs *e*, *e*, whereby upon illumination of the bulbs, the letter will have the appearance of being raised or in relief of the background or sign-board face.

The above arrangement may be varied in a number of ways, for instance, by making the lower and right hand marginal walls of transparent or translucent colored material and the other or opposite walls of a contrasting color.

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

An open face channel-form sign letter having upper and lower walls of light-transmitting character of contrasting colors and right and left hand side walls of light-transmitting character of contrasting colors, and a plurality of electric light bulbs distributed and located within the channel of the letter.

In testimony whereof I affix my signature, in presence of two witnesses.

CHARLES A. McNEAL.

Witnesses:

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ANDREW S. MITCHELL.