

W. I. SHERWOOD.

SIGN.

APPLICATION FILED APR. 22, 1919.

1,329,635.

Patented Feb. 3, 1920.

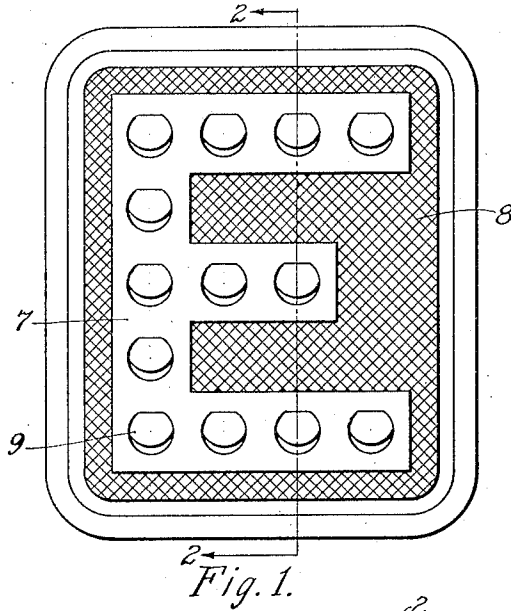


Fig. 1.

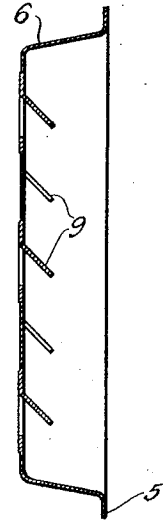


Fig. 2.

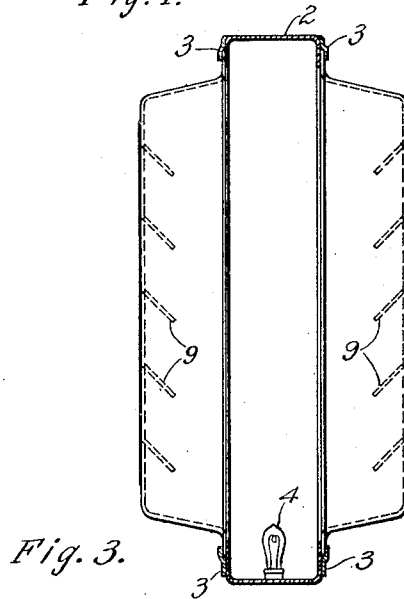


Fig. 3.

Witness

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UNITED STATES PATENT OFFICE.

WALTER I. SHERWOOD, OF YAKIMA, WASHINGTON.

SIGN.

1,329,635.

Specification of Letters Patent.

Patented Feb. 3, 1920.

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To all whom it may concern:

Be it known that I, WALTER I. SHERWOOD, a citizen of the United States, residing at Yakima, in the county of Yakima and State of Washington, have invented a new and useful Sign, of which the following is a specification.

This invention relates to improvements in signs, the object of the invention being to provide an improved illuminated sign that is made up of a plurality of removable letters whereby the wording of the sign may be changed as desired and in which only one light will be necessary for illuminating each letter.

A further object of the invention is to provide an improved form of letter for use in making a sign of the character set forth, and which letter is so constructed that the light will be reflected through such letter from a plurality of points.

A further object of the invention is to provide a sign of the character set forth which is simple in construction, and economical to manufacture and very efficient in use.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention consists in the novel features of construction and combination of parts which will be more fully described hereinafter and particularly pointed out in the claim.

In the drawings accompanying and forming part of this specification,

Figure 1 is a front elevation of a letter constructed in accordance with my invention;

Fig. 2 is a vertical section taken on the line 2—2 of Fig. 1; and

Fig. 3 is a vertical section of a double sign formed of letters made in accordance with the present invention.

The same characters of reference designate the same parts in the different figures of the drawings.

Referring to the drawings, 2 designates a frame of any suitable size and provided at its front and rear sides with means for maintaining the letters thereon. Such means may consist for instance of a pair of grooves, one at the upper side and one at the lower side thereof, as shown at 3, or any other suitable means for securing the letters on the frame may be employed. The frame is

adapted to carry a light, as for instance a gas jet or oil lamp, or an electric bulb, as shown at 4, at the lower part thereof in position to illuminate each letter, or when the sign is a double sign, as shown in Fig. 3, one lamp will serve for illuminating two letters, one at each side of the frame.

My improved letter is stamped up into the form of a tray having a flange 5 projecting entirely around its edge for permitting it to slide within the grooves of the frame, movable spacing members (not shown) being inserted between the letters. The letter is painted or otherwise formed on the exterior of the bottom of the tray shaped member 6, preferably in white enamel or other suitable reflecting material, as shown at 7 in Fig. 1, the background surrounding said letter being of a contrasting color, as shown at 8. In the body of the letter are provided a plurality of partly punched out disks 9, the unpunched portions thereof being preferably located at the top, and these disks are bent inwardly, as shown in Figs. 2 and 3, at an angle of approximately forty-five degrees, whereby the disks form a plurality of reflecting surfaces from which the light in the frame is reflected outwardly, the depth of the tray member 6 acting as a medium for concentrating the light from below upon the disks. Glass lenses may be inserted in the openings formed by the punched out disks, if desired, or a sheet of glass or other transparent material may be placed on the inside of the letter and be colored as desired.

Letters of the form above described are inserted into the frame by engagement of their flanges with the grooves of the frame, each letter being slid along such grooves to its proper place, and spacing members inserted between them. The reflecting disks having been bent to the proper angle and the lamps lighted it will readily be seen that the light will be reflected through the letters at a sufficient number of points to properly illuminate the same.

While I have described in detail the construction herein illustrated, it is to be understood that I do not thereby limit my invention to the precise features shown, as I am aware that many mechanical changes may be made therein without departing from the spirit and scope of the invention as set forth in the appended claim.

Having thus described my invention, what I claim is:

In a sign, a central body portion having inwardly extending flanges formed integral therewith, side members including dish-shaped members having flanges forming a part thereof, the latter flanges cooperating with the flanges of the central body portion for supporting the dish shaped members on the central body portion, said dish shaped members having a plurality of punched out portions, to permit light to pass there-

through, and bracket members forming grooves to engage the flanges of the dish-shaped members, to secure the dish-shaped members to the central body portion. 15

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WALTER I. SHERWOOD.

Witnesses:

DOROTHY F. MEEKS,
HELEN CAMERON.