(No Model.)

C. E. MANNING.

LIGHT REFLECTING SIGN BOARD.

No. 601,577. Patented Mar. 29, 1898.

Fig. 1.

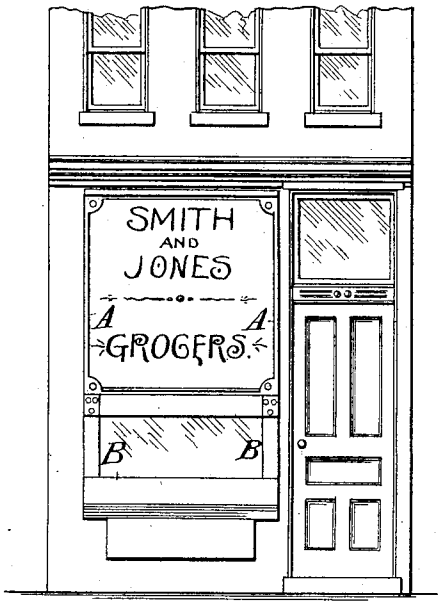


Fig. 2.

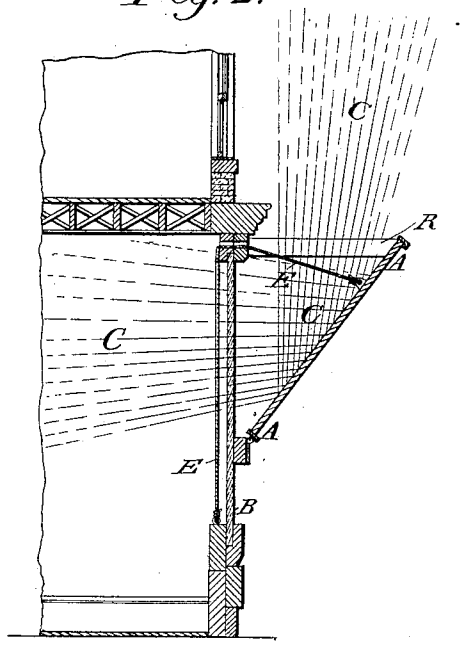


Fig. 3.

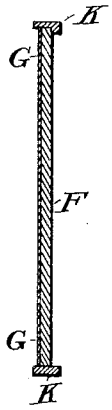
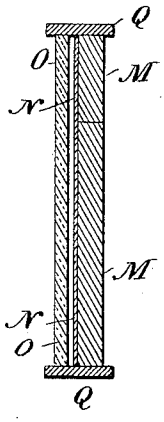


Fig. 4.



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UNITED STATES PATENT OFFICE.

CHARLES E. MANNING, OF CHICAGO, ILLINOIS.

LIGHT-REFLECTING SIGN-BOARD.

SPECIFICATION forming part of Letters Patent No. 601,577, dated March 29, 1898.

Application filed March 27, 1897. Serial No. 629,629. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. MANNING, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Devices for Light-Reflector and Sign-Board Foundations, of which the following is a specification.

My invention relates to the increase of the distribution of light in the interior rooms of buildings and using a sign-board of specific construction for the purpose, while also retaining all the advantages of the usual sign for advertising or announcing purposes. It may be mentioned that the sign or advertising element is not of importance in many cases where distribution of light is desired; but in the vast majority of such cases the plate used can serve the double purpose of advertising and of furnishing the required element in light distribution.

In the drawings, Figure I shows an elevation of the sign-board A A as it would be customarily used in front of a plate-glass window of a store or shop, B B representing the window or glass front.

Fig. II shows a section in which A A represents the sign as supported in an angular position as regards the window, so that rays of light from the open sky above or other source of light when falling upon the back of the sign-board would be reflected in the interior of a room. C C C represent such rays, Fig. II. The back of the sign is composed of a highly-polished surface, as varnished paint, enamel, glass, or metal, so as to act as an efficient reflecting-surface.

The sign-plate, as shown in Fig. III, is secured either permanently, in which case it is supported by the brace R, nailed or screwed to the upper part of the window-casing, or held in position by a hinge at the lower edges and fastened above by a cord or chain E E, which may pass through the sash and be secured on the inside. In some cases it may be desirable to move the whole sign out a few inches from the window in order to allow the reflecting-plate a more extensive range of open sky or in case above the window should be a fire-escape or anything obstructing the direct impingement of the rays of light from above.

Fig. III shows a cross-section of the plate in its simplest form, in which F is a metal plate or thin wood on the back or one side of which is a highly-polished surface of paint, varnish, enamel, or other coating which would reflect the rays of light, as represented by G G. On the ends or sides are two cleats K K, which serve to secure the sign in place.

Fig. IV shows a section of a composite plate made up of three parts—M M a wood or metal front for the sign, N N a thin metallic or reflecting surface, and O O a glass plate, all held together by cleats at the ends or sides Q Q.

Having thus described my invention, I desire to claim the following specific features:

1. In combination with a window, a combined sign-board and light-reflector, hinged at its lower end to the window-sill and adjustably held up in an inclined relation to the window-front by a cord attached to the upper face and reflector side of the board and taking thence through the top of the window sash or casing into an office, room, store or the like, said cord having a weight hung to its free end; the board having a composite plate carrying upon its downward face an advertisement substantially as described.

2. In combination with a window, a combined sign-board and light-reflector, screwed or nailed at its lower side to the window frame or sill and held in a permanent inclined position to the window-front by a brace attached to the reflector side and to the upper side of the window frame or sash by nails or screws, the board having a composite plate carrying upon its downward face a ground for an advertisement or announcement substantially as described.

CHARLES E. MANNING.

Witnesses:
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