

No. 775,294.

PATENTED NOV. 22, 1904.

R. W. CLARK.
DISPLAY SIGN.

APPLICATION FILED JAN. 5, 1903.

NO MODEL.

Fig. 1.

x

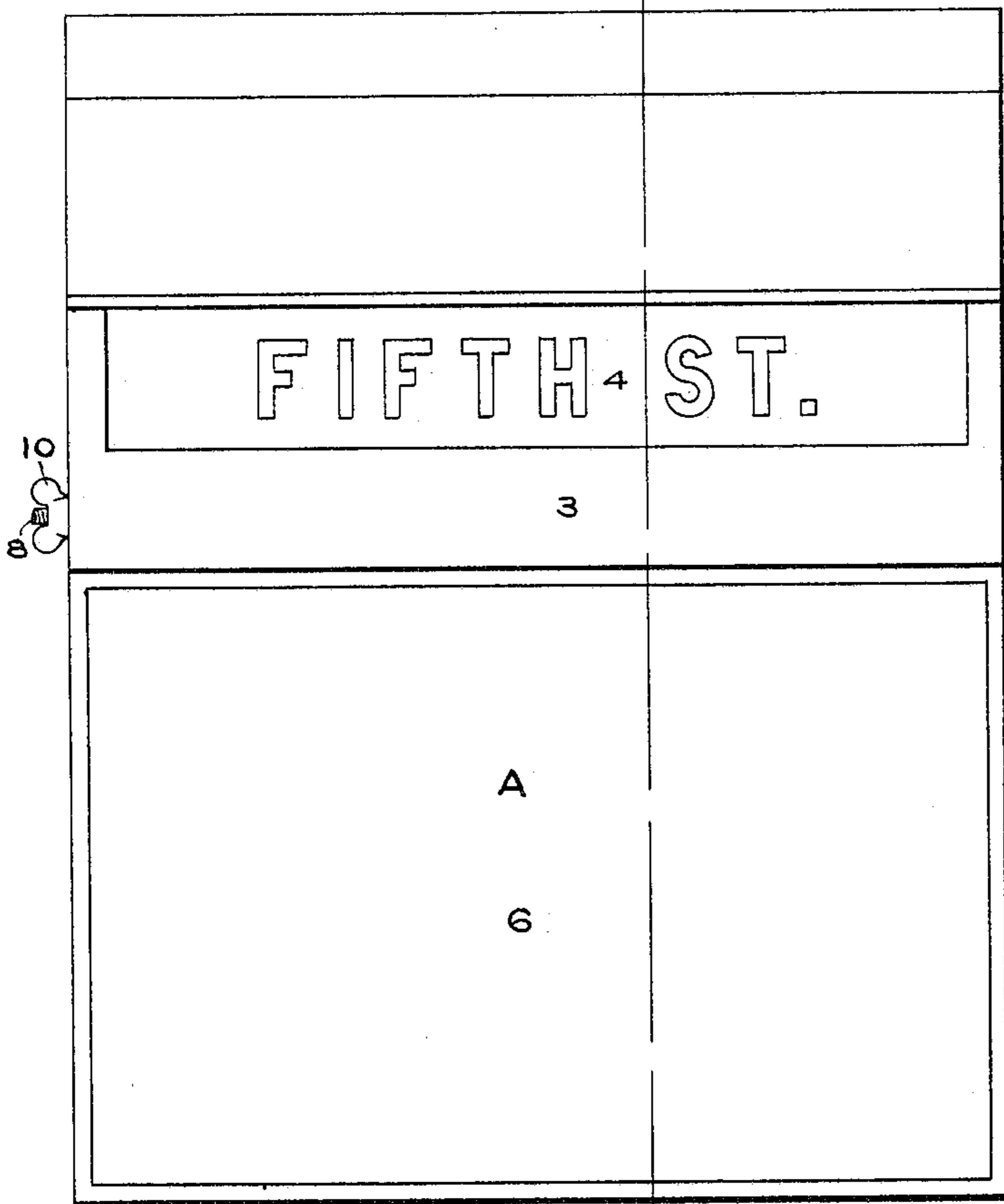


Fig. 2.

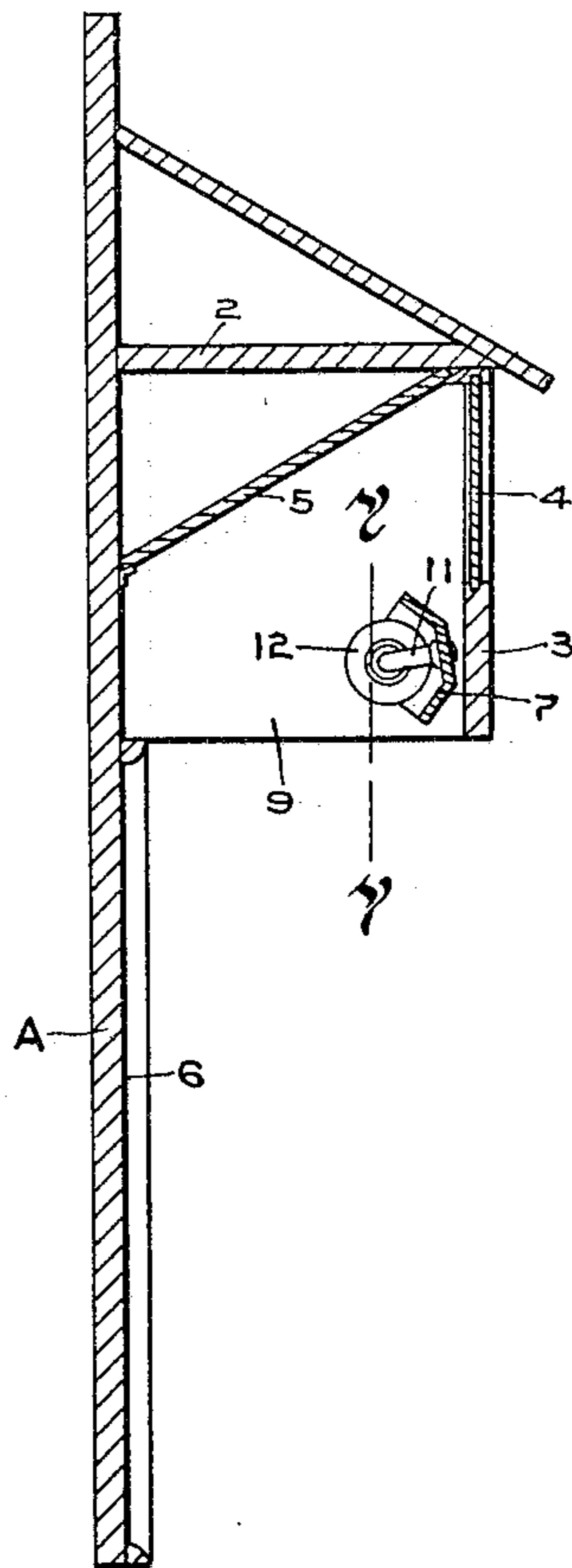
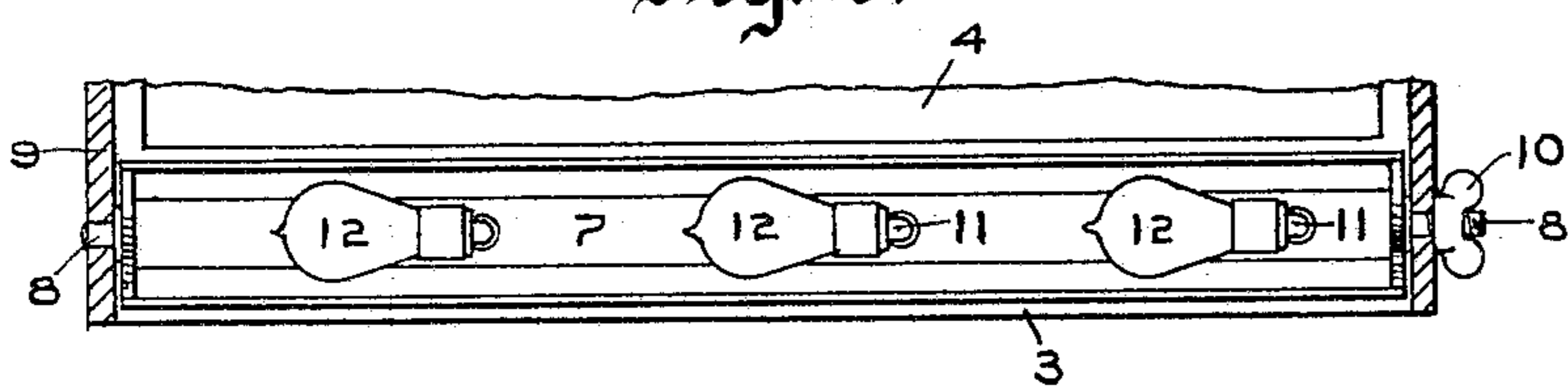


Fig. 3.

x



Witnesses,
W. H. Palmer.
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Inventor,
Robert W. Clark.
by Lathrop Johnson
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UNITED STATES PATENT OFFICE.

ROBERT W. CLARK, OF ST. PAUL, MINNESOTA, ASSIGNOR OF ONE-HALF
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DISPLAY-SIGN.

SPECIFICATION forming part of Letters Patent No. 775,294, dated November 22, 1904.

Application filed January 5, 1903. Serial No. 137,778. (No model.)

To all whom it may concern:

Be it known that I, ROBERT W. CLARK, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented certain new and useful Improvements in Display-Signs, of which the following is a specification.

My invention relates to improvements in display-signs, its object being particularly to arrange the illuminating means of a transparent sign so as to direct a portion of the rays against a display-sign or goods arranged in combination with the transparent sign.

To this end my invention consists in the features of construction and combination herein-after described and claimed.

In the accompanying drawings, forming part of this specification, Figure 1 is a front elevation of a combined transparent and reflecting sign embodying the features of my invention. Fig. 2 is a section on line *xx* of Fig. 1; and Fig. 3 is a section on line *yy* of Fig. 2, showing the lamps unsectioned.

In the accompanying drawings I show my invention applied to a combined transparent and display sign designed particularly for use in connection with the place of business upon a street-corner.

Referring to the drawings, A represents the back wall of the sign. Projecting forwardly from the top of the back wall A is a casing consisting of a top wall 2 and front wall 3. The front wall is provided with a suitable transparent sign 4. Within the casing and extending downwardly from the front of the top wall to the back wall is a plate 5 of suitable reflecting material. The space 6 upon the back wall A below the casing may receive suitable advertising or other matter.

In order to throw rays of light against the space 6, as well as through the transparent sign 4, I provide the plate 7, carrying gudgeons 8, projecting through the end walls 9 of the casing. One of the gudgeons is formed with screw-threads and fitted with a thumb-nut 10, by means of which the plate 7 is held turned at the desired angle. Arranged in front of the plate 7 and connected therewith

by socket-standards 11 are electric lamps 12, suitably connected with a source of energy. As shown in Fig. 2, I form the plate 7 with a series of facets so disposed as to direct the rays of light against the reflecting-plate 5 and from said plate through the transparent sign 4 and against the space 6, the plate 7 also throwing the rays of light directly against the space 6. By turning the plate 8 the amount of light thrown against the respective signs may be varied.

While I have shown my features of invention applied to a combination transparent and display sign designed particularly for use upon a street-corner, it will be evident that the said invention may be used in any place where, in connection with the transparent sign, it is desired to throw rays of light upon an adjacent surface, such as goods in a store-window, &c. The particular construction and arrangement of the parts may also be more or less modified without departing from my invention, the scope of which is defined in the claims.

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

1. The combination with a transparent sign and a display-sign arranged in the rear of, and separated some distance from, said transparent sign, of lighting means for said signs arranged in front of said display-sign and at the rear of said transparent sign, and a reflector arranged in position to throw the rays of light from said lighting means without deflection against said display-sign.

2. The combination with a transparent sign and a display-sign arranged in the rear of said transparent sign, of lighting means for said signs arranged in front of said display-sign and at the rear of said transparent sign, and reflectors arranged in position to throw the rays of light from said lighting means through said transparent sign and without deflection against the display-sign.

3. The combination, with a transparent sign and an adjacent surface to be lighted, of intermediate lighting means, a reflector arranged in position to direct rays of light through the

transparent sign, and a reflector arranged in position to throw the rays of light from said lighting means directly against said display-sign and also against the other reflector.

- 5 4. The combination with a transparent sign and display-sign, of lighting means, a reflector-plate arranged in the rear of said transparent sign, a reflector for said lighting means, said reflector being adjustable to cause the

rays of light to be thrown against the rear of reflector at any desired angle.

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

ROBERT W. CLARK.

Witnesses:

H. S. JOHNSON,
EMILY F. OTIS.