

W. S. McLEWEE.
ILLUMINATING SIGNS.

No. 173,486.

Patented Feb. 15, 1876.

Fig. 1.

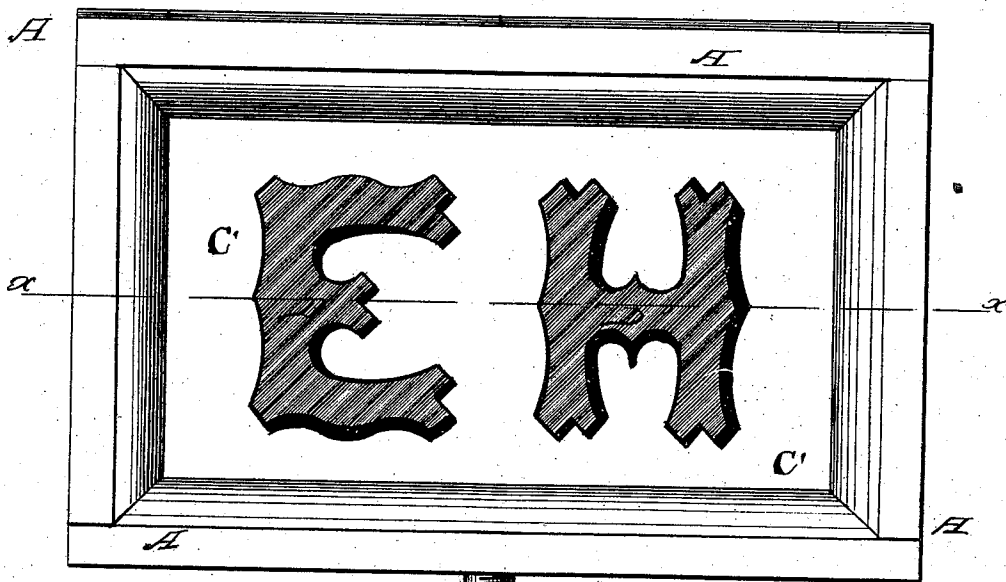
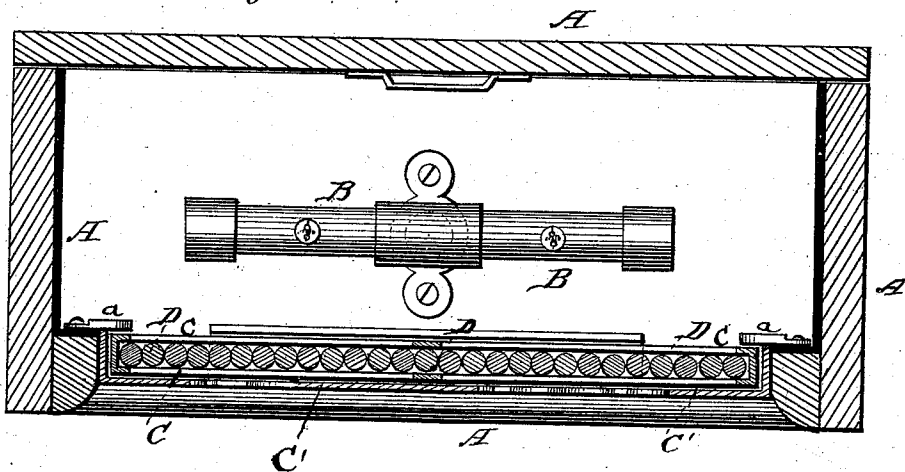


Fig. 2.



WITNESSES:

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IMPROVEMENT IN ILLUMINATING-SIGNS.

Specification forming part of Letters Patent No. **173,486**, dated February 15, 1876; application filed September 8, 1875.

To all whom it may concern:

Be it known that I, WILLIAM S. MCLEWEE, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Illuminating-Signs; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to illuminating-signs in which glass of a circular or globular form is used, having for its object to improve the construction of the same, whereby the same is more efficient, and each glass removed at pleasure to be cleaned or replaced; and it consists in combining, with a frame, a series of round bars of different colors, and, in connection with the same, a perforated plate and a box, as will be hereinafter more fully set forth.

Referring to the annexed drawings, Figure 1 is a side elevation. Fig. 2 is a longitudinal section, taken on line *x x* of Fig. 1, of a device embodying my invention.

A represents a box or frame, which may be of any desired or convenient construction. In the front of this box is fixed the metal plate *C'*, having letters or figures cut out therefrom, as desired, for the sign. C represents a detachable frame placed directly behind the plate *C'*, and held in place by buttons *a a*. This frame C is provided with a series of different-colored round glass bars, D, set at an angle in the

frame. B represents a gas-burner in the center of the box.

In signs of this kind, where it is desirable to have a circular or globular form of a glass illuminating-sign, the glass has heretofore been all in one piece, making it difficult to clean the same; but by this improvement the detachable frame can be removed, and each bar removed and cleaned separately with little trouble; and, besides, if any of the bars should become broken, as many bars as are broken or injured can be readily replaced without injury to the others; and this sign further allows the letter to be shown of one color alone, or of as many different colors as may be desired, and which may be changed at pleasure.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The case A and plate *C'*, in combination with the frame C, provided with a series of differently-colored round glass bars, D, placed at an angle in the frame C, and the buttons *a*, all constructed and arranged substantially as and for the purpose set forth.

2. The plate *C'*, provided with letters or figures, in combination with the frame C and a series of round bars, D D, of different colors, the box A, and burners B, substantially as and for the purpose described.

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Witnesses:

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