No. 737,129. PATENTED AUG. 25, 1903.

T. E. MURRAY.

ELECTRIC SIGN.

APPLICATION FILED MAY 18, 1903.

NO MODEL.

Fig. 1.

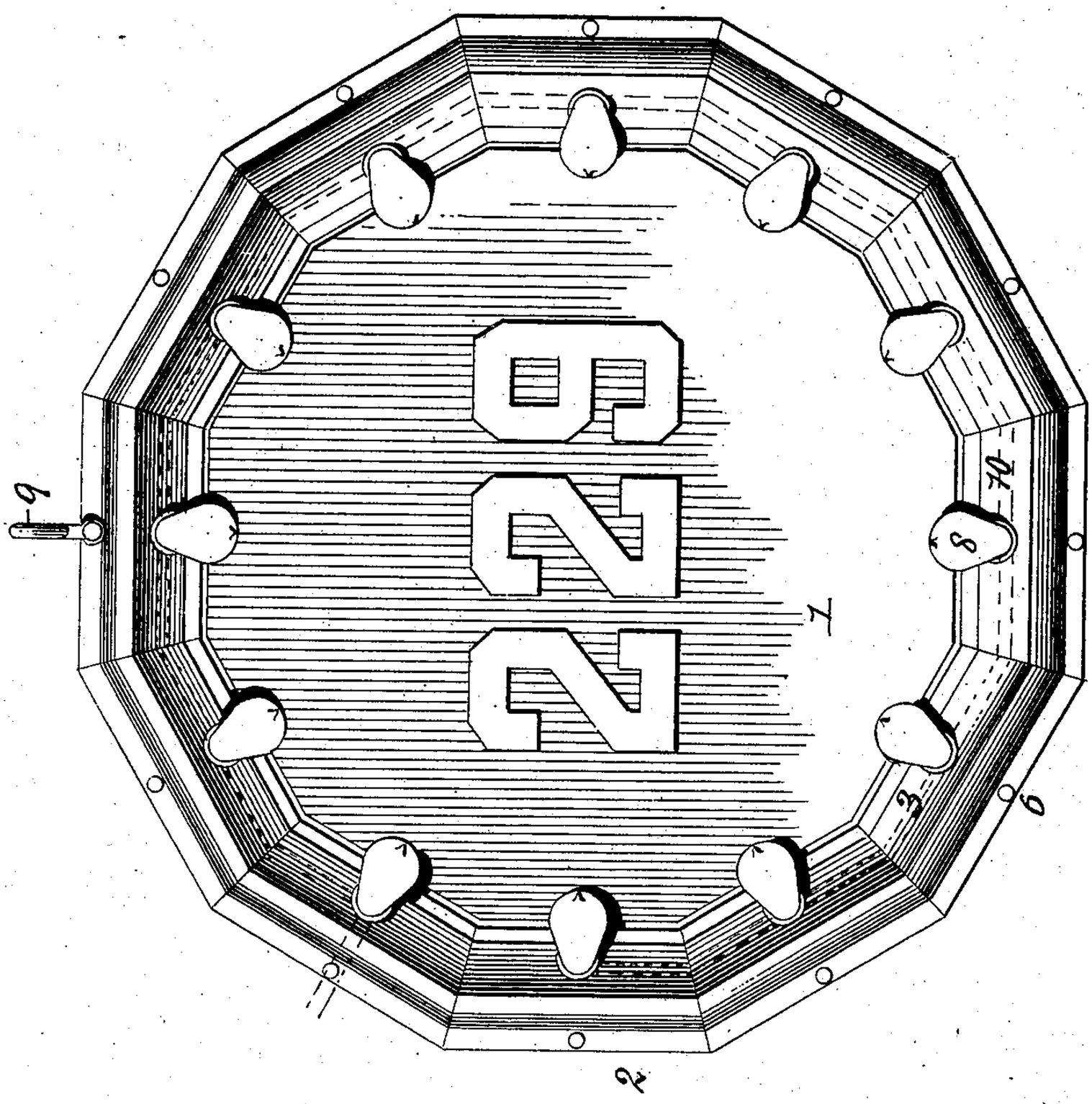


Fig. 2.

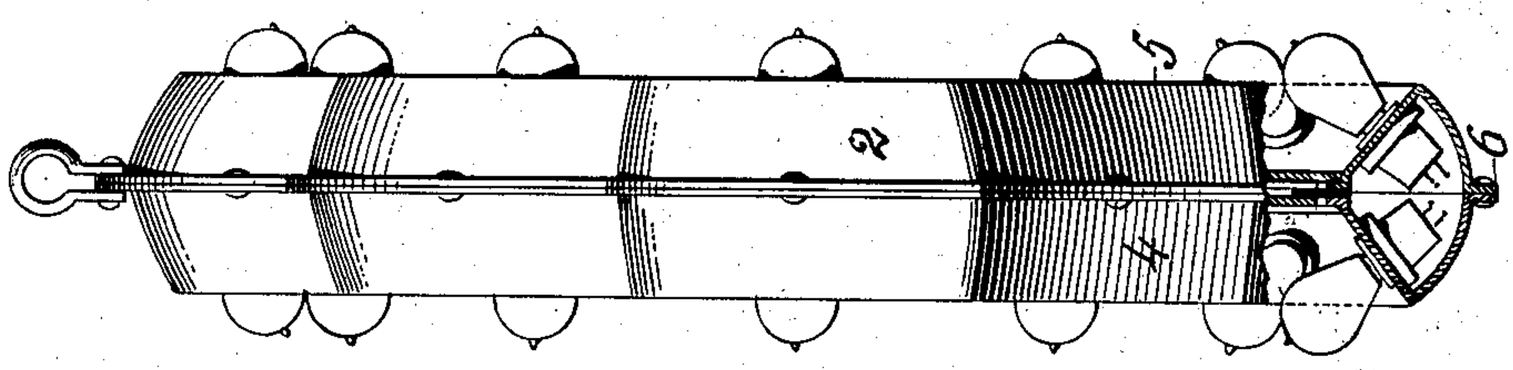
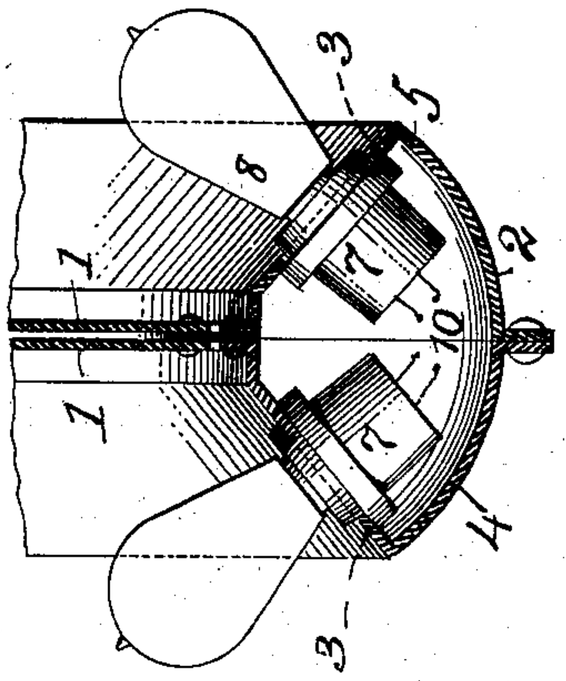


Fig. 3.



WITNESSES:

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No. 737,129. Patented August 25, 1903.

UNITED STATES PATENT OFFICE.

THOMAS E. MURRAY, OF NEW YORK, N. Y.

ELECTRIC SIGN.

SPECIFICATION forming part of Letters Patent No. 737,129, dated August 25, 1903.

Application filed May 18, 1903. Serial No. 157,648. (No model.)

To all whom it may concern:

Be it known that I, THOMAS E. MURRAY, of the city, county, and State of New York, have invented a new and useful Improvement in Electric Signs, of which the following is a specification.

The invention relates to an electric sign whereon a suitable inscription is illuminated by adjacent glow-lamps.

The invention consists in the construction of the sign-board and the arrangement therewith of said lamps in order to secure better illumination of said inscription.

In the accompanying drawings, Figure 1 is a face view of my improved sign. Fig. 2 is an edge view, and Fig. 3 is a partial cross-section, of the lamp-supporting portion.

Similar numbers of reference indicate like parts.

The middle portion of the sign, on which the desired letters or figures to be illuminated are inscribed, consists of a metal plate 1 or preferably two parallel plates secured together at their circumferential edges in any suitable way. Surrounding said plate or plates is a hollow frame 2, the sides 3 of which adjacent to said plate are to be inclined at an acute angle to the plane of the sign-plate. Said frame may be made in two parts 4 and 5, one part being integral with each of the two parallel plates 1, connected together by bolts passing through flanges 6. In the inclined sides of the frame 2 are openings to receive sockets 7 of any suitable construction, in which sockets are held the glow-lamps 8. Said lamps are to be connected in circuit in the usual way. An eye 9 for suspending the sign may be secured to the flanges 6, as shown. The lamps may be disposed on one side or on both faces of the sign, and the contour of the frame is preferably polygonal.

This construction is simple and light. The supply-conductors for the lamps (indicated by dotted lines 10) are concealed within the hollow frame. The advantage of placing the lamps at an acute angle to the plane surface to be illuminated by them is that a much better degree of illumination is obtained than when they project outward at right angles to said surface.

I claim—

1. A sign-plate, a frame surrounding the same having a side adjacent to said plate inclined at an acute angle to the plane thereof, and electric glow-lamps disposed on said inclined side and projecting therefrom.

2. A sign-plate, a hollow frame surrounding the same having a side adjacent to said plate inclined at an acute angle to the plane thereof, electric glow-lamps disposed on said inclined side and projecting therefrom, and supply-conductors for said lamps within said hollow frame.

3. A sign-plate, a frame surrounding the same having a side adjacent to said plate inclined at an acute angle to the plane thereof, and electric glow-lamps disposed on said inclined side and projecting therefrom.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THOMAS E. MURRAY.

Witnesses:
J. N. LIEB, Jr.,
GEO. A. ORROK.