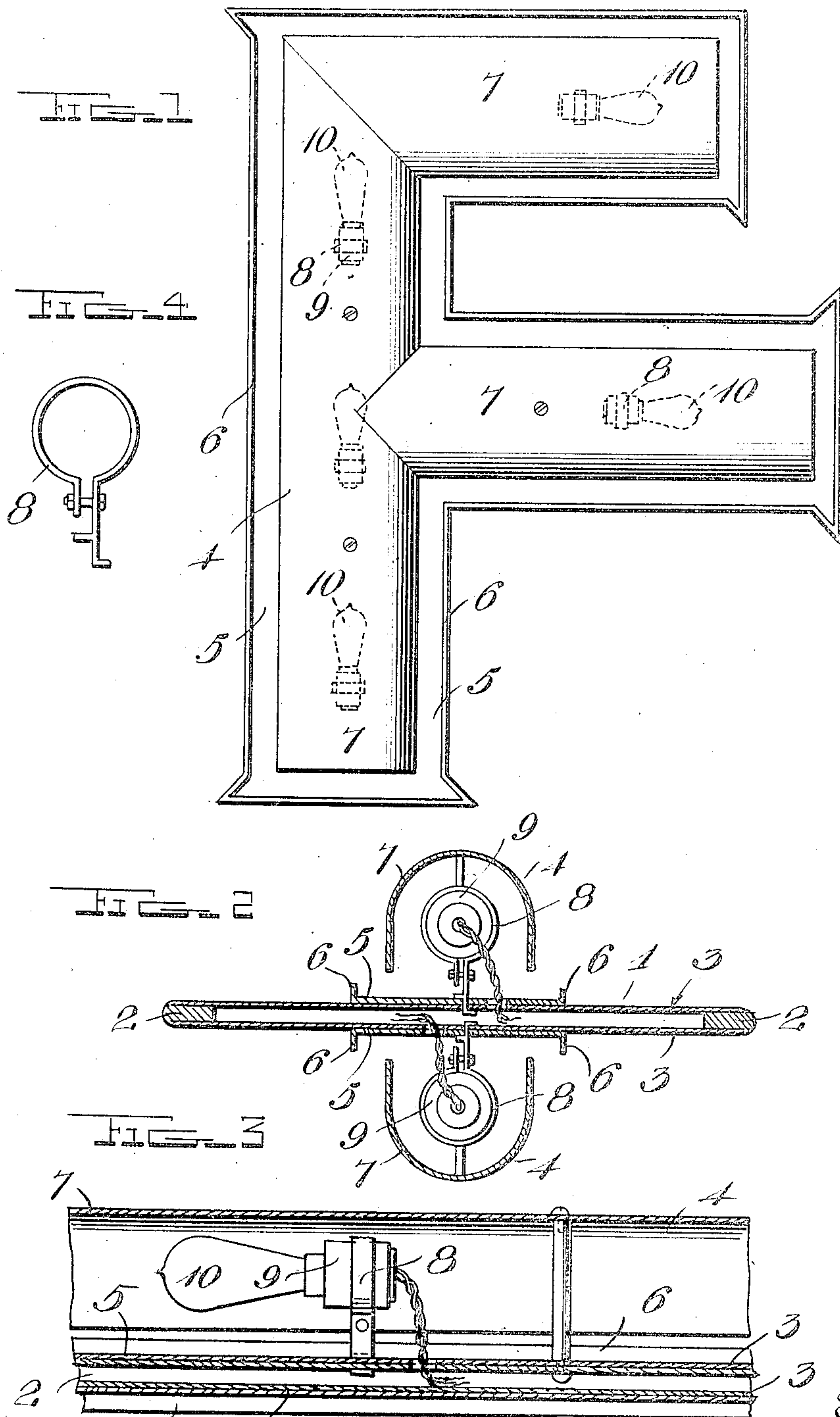


C. H. HULSE.  
ILLUMINATED LETTER SIGN.  
APPLICATION FILED FEB. 18, 1909.

928,309.

Patented July 20, 1909.



Witnesses

*[Signature]*

C. H. Griesbauer.

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By

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Attorneys



# UNITED STATES PATENT OFFICE.

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## ILLUMINATED-LETTER SIGN.

No. 928,309.

Specification of Letters Patent.

Patented July 20, 1909.

Application filed February 18, 1909. Serial No. 478,549.

*To all whom it may concern:*

Be it known that I, CHARLES H. HULSE, a citizen of the United States, residing at North Yakima, in the county of Yakima and State of Washington, have invented certain new and useful Improvements in Illuminated-Letter Signs; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in illuminated signs.

The object of the invention is to provide a sign the characters or letters of which are constructed and arranged to provide for their illumination.

A further object is to provide a sign of this character having an improved construction of supporting frame which will be light, strong and durable and so constructed as to entirely conceal the electric conducting wires to the lights employed for illuminating the letters.

With the foregoing and other objects in view, the invention consists of certain features of construction, combination and arrangement of parts as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a side view of a portion of a sign constructed in accordance with the invention; Fig. 2 is a sectional view of the same showing the sign arranged in double form or readable from both sides; Fig. 3 is a longitudinal sectional view through a portion of one of the letters showing the arrangement of the lights therein; and Fig. 4 is a detail view of the bracket for supporting the lamp sockets in the body portion of the letter.

Referring more particularly to the drawings, 1 denotes the sign board which is preferably constructed of an open frame 2 covered on both sides by plates 3 which form the backgrounds of the letters. By forming the sign board as described, a space is provided between the plates 3 and through which the electric conducting wires may pass to the lights which illuminate the sign thus entirely concealing said wires.

Arranged on one or both sides of the sign board and secured to the plates 3 in any suitable manner are the letters or characters 4 forming the sign. The letters 4 consist of a base plate 5 which is in the shape of a letter

or character and is provided around its outer edge with an outwardly projecting flange 6. On the base plate within the flange 6 and spaced a suitable distance from the base is a letter or character 7 which is formed from sheet metal or any suitable material and is of hollow segmental shape in cross section. The material forming the letter is preferably gilded while the space between the same and the flange 6 is preferably enameled white, but may be of any color or may be shaded from a light shade at the edge of the letter or character and blended out from the same to a dark shade. The plates 3 forming the background of the letter may be of any desired color.

Arranged on the base plate 5 within the hollow letter is a series of socket supporting brackets 8 in which are secured incandescent lamp sockets 9 to receive the incandescent lamps 10 by means of which the sign is illuminated. Electric conducting wires are arranged between the plates 3 of the sign board and pass through the same and the base plates 5 to the sockets. The wires are thus entirely concealed by the plates 3.

By constructing the sign board in the manner described, said board will be strong, and durable, light in weight and thus be easily handled and arranged in position for use. The construction of the letters is such that they stand out in bold relief from the sign board and may be easily read and when illuminated forms an attractive and ornamental sign.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction, may be resorted to without departing from the principle or sacrificing any of the advantages of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters-Patent is:

1. In a sign, a board consisting of an open frame covered on its opposite sides by plates which form the background of the sign, an illuminated letter comprising a base plate adapted to be secured to one of the plates of the sign, said base plate being in the form of the letter or character desired; a flange ar-



10 2. An illuminated letter comprising a base  
5 plate in the shape of the letter, flanges ar-  
ranged on the edges of the base plate, a hol-  
low letter secured to said base  
plate, said letter being curved or segmental  
in cross section, a series of lamp supporting  
brackets arranged on said base plates within  
the hollow letter, and a series of electric  
lights arranged in said brackets and having  
their conducting wires arranged and con-  
cealed within the hollow sign board.

low letter secured to and spaced from said  
base plate and arranged between the flanges  
thereof, and a series of electric lights ar- 15  
ranged in said hollow letter.

In testimony whereof I have hereunto set  
my hand in presence of two subscribing wit-  
nesses.

CHARLES H. HULSE.

Witnesses:

EMMONS A. FERRIS,  
ALLEN S. DAVIS.