

(No Model.)

C. H. PROGLER.

LUMINOUS SIGN.

No. 332,210.

Patented Dec. 8, 1885.

Fig. 1.

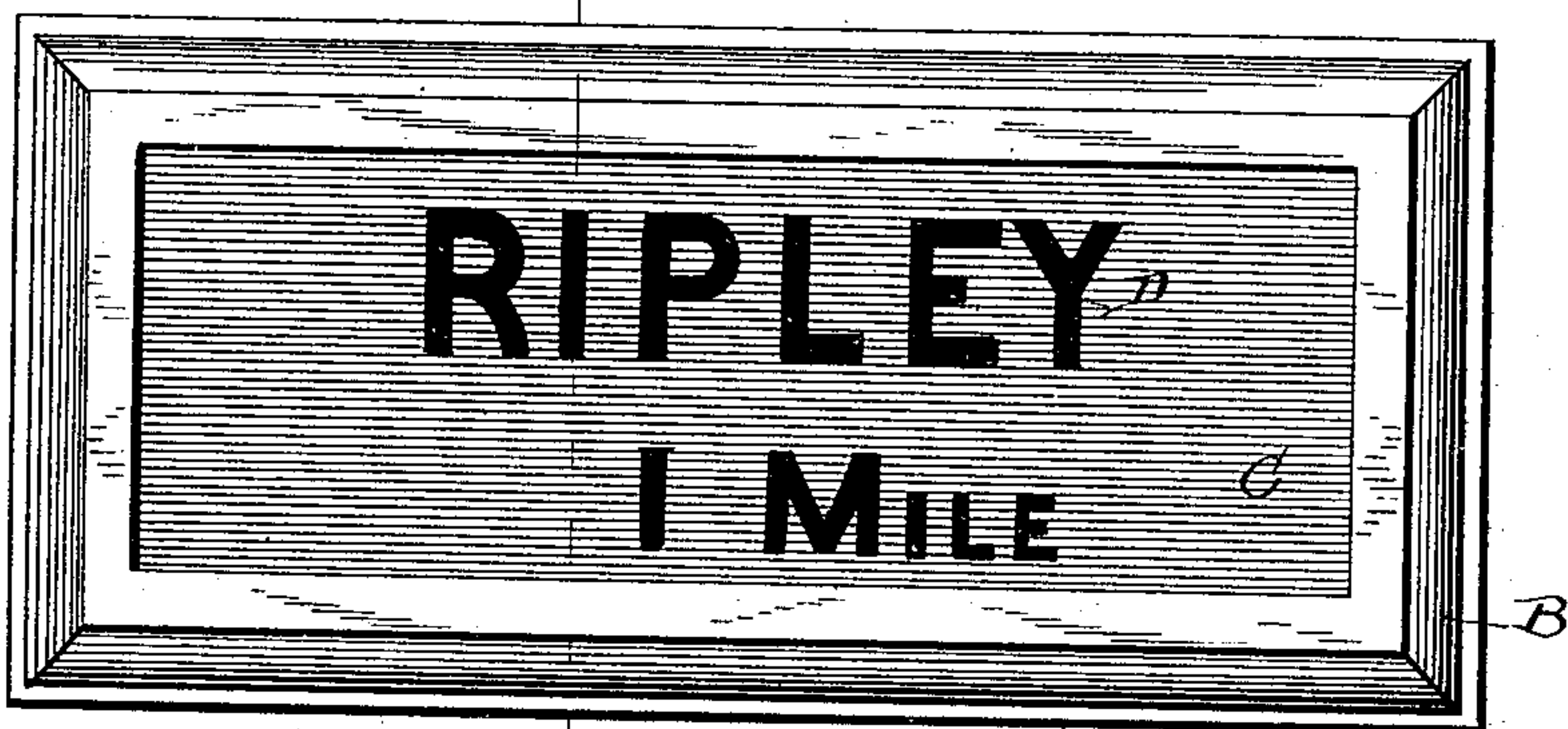
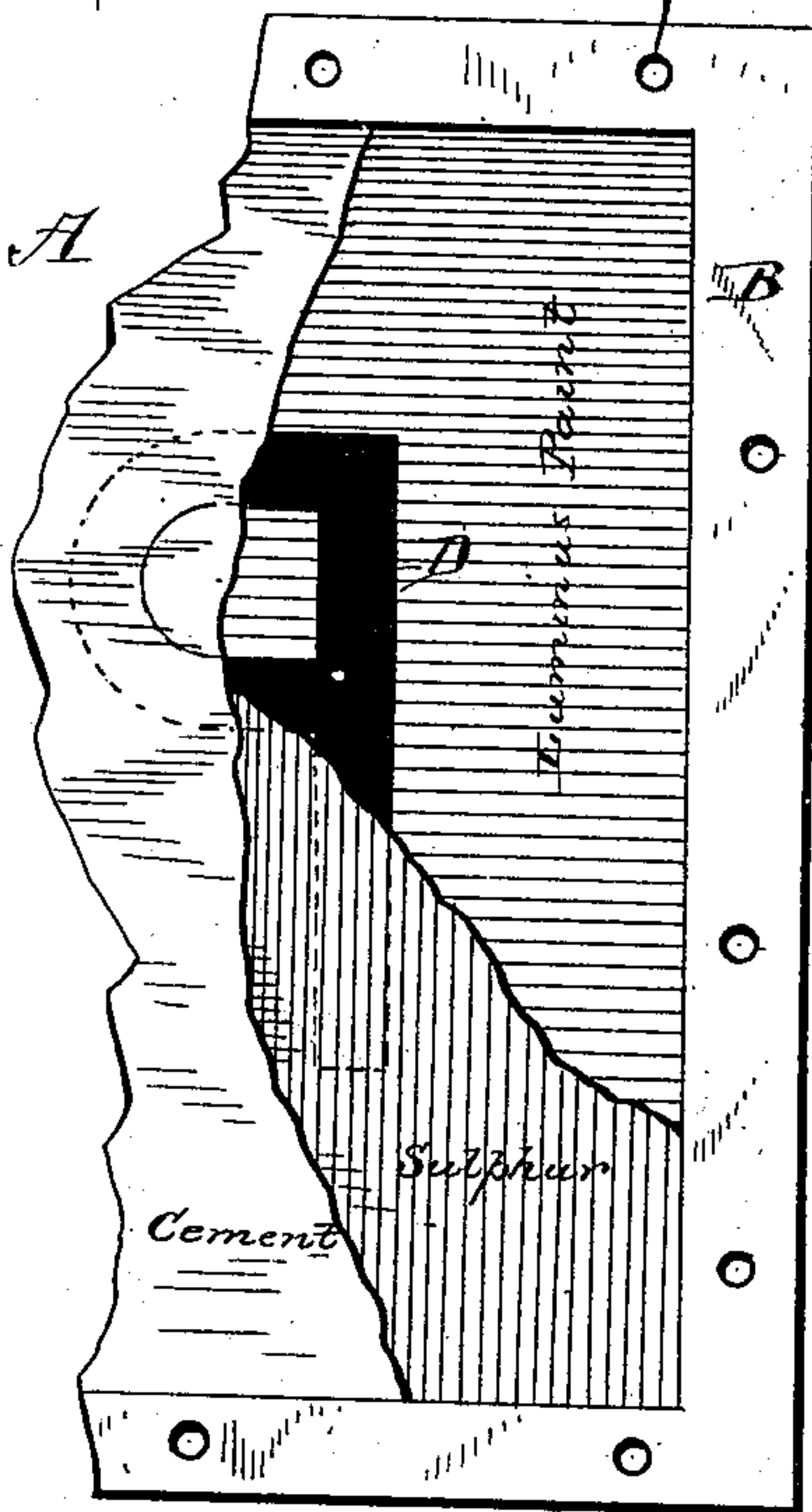
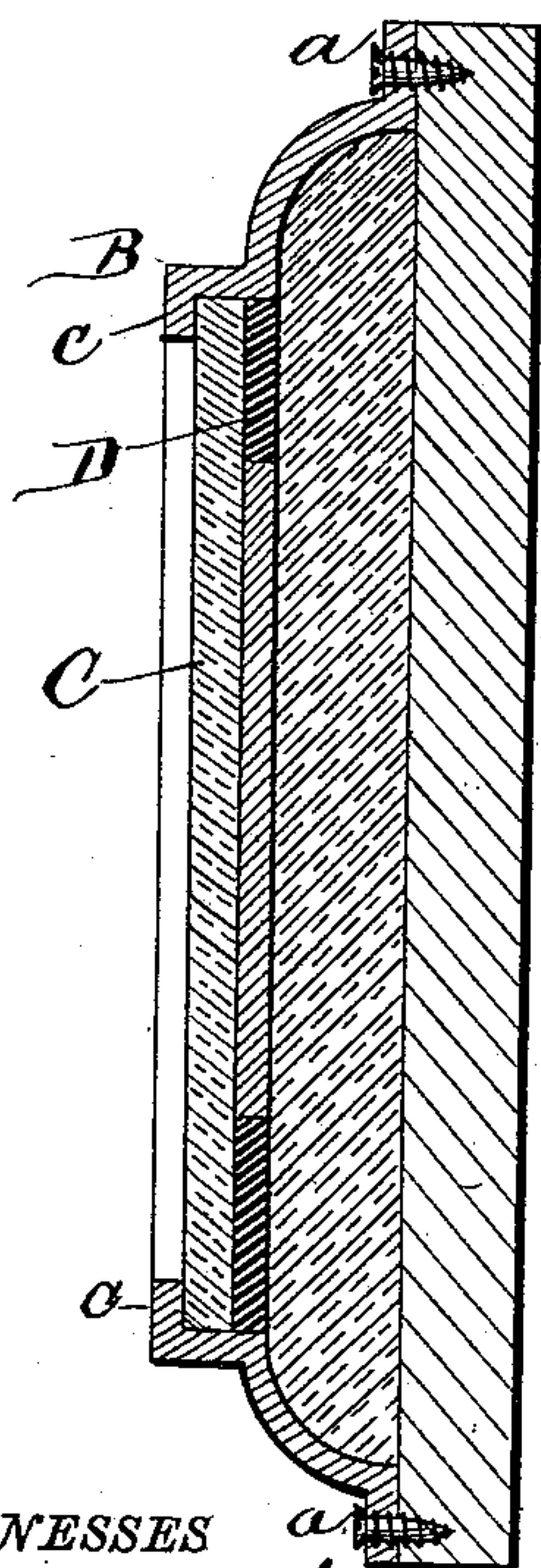


Fig. 3.

Fig. 2.



WITNESSES  
F. L. Ourand  
E. H. Johnson

Charles H. Proglor  
INVENTOR  
Attorney

# UNITED STATES PATENT OFFICE.

CHARLES HENRY PROGLER, OF JACKSON COURT-HOUSE, WEST VIRGINIA.

## LUMINOUS SIGN.

SPECIFICATION forming part of Letters Patent No. 332,210, dated December 8, 1885.

Application filed April 23, 1885. Serial No. 163,213. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES H. PROGLER, a citizen of the United States of America, residing at Jackson Court-House, in the county of Jackson and State of West Virginia, have invented certain new and useful Improvements in Luminous Signs; and I do hereby 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to luminous signs; and it consists in the improvements hereinafter described and set forth.

In the accompanying drawings, which illustrate my invention, Figure 1 is a front view of my improved sign. Fig. 2 is a rear view showing the parts broken away, and Fig. 3 is a sectional view through the line *x x* of Fig. 1.

A represents a supporting-board, to which the sign is attached by means of screws *a a*, which pass through perforations *a'* in the frame B, which is constructed of suitable material, though I prefer, ordinarily, to make this frame of cast metal and of the configuration shown in Fig. 3. The frame B is provided on its outer edge with an outwardly-projecting flange, adjacent to which is a curved raised portion which projects outwardly, and from this raised portion is an offset of sufficient height to receive on its inner edge the glass, which is indicated by the letter C, which glass rests upon an inwardly-projecting flange, *c*.

When the glass has been placed in position, the letters D, composed of any suitable material, are attached to the rear face of the same, after which the rear surface of the glass and the letters are coated heavily with luminous paint, which paint is afterward covered with a coating of heated sulphur, and after this coating of sulphur becomes hardened the space between the same is filled with a suitable cement—as plaster-of-paris.

By the construction hereinbefore described I provide a sign which may be readily read at night, and the coating of sulphur over said luminous paint and letters will protect the same from dampness, and prevent it from losing its properties which absorb light, and the water-proof cement, which forms a backing for the sulphur, will securely hold the glass and letters in place.

I am aware that prior to my invention it has been common to coat articles with luminous paint, so that they would be visible at night—as clock-dials, and other similar objects—and I do not claim such as my invention; but

What I claim as new, and desire to secure by Letters Patent, is—

1. An improved sign, consisting of a suitable frame for retaining a transparent front, to which is attached opaque letters, the rear portion of the said front being covered by a coating of luminous paint, which is backed by a coating of sulphur, to protect said paint from dampness or moisture, and a further backing of cement or filling to retain the sulphur and other parts in position, substantially as set forth.

2. The improved sign-board herein described, consisting of a supporting-board, A, and a metallic frame, which is attached in one side thereof, a glass, C, having opaque letters and held in position by said frame, the rear surface of the glass being coated with luminous paint, said paint being completely covered or protected by a coating of sulphur, said sulphur being backed by cement, substantially as shown and described.

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

CHARLES HENRY PROGLER.

Witnesses:

JNO. H. RILEY,  
T. LEON CLERO.