

(No Model.)

C. T. SNEDEKOR.
MOLD FOR LETTERS OR ANALOGOUS SYMBOLS.

No. 457,975.

Patented Aug. 18, 1891.

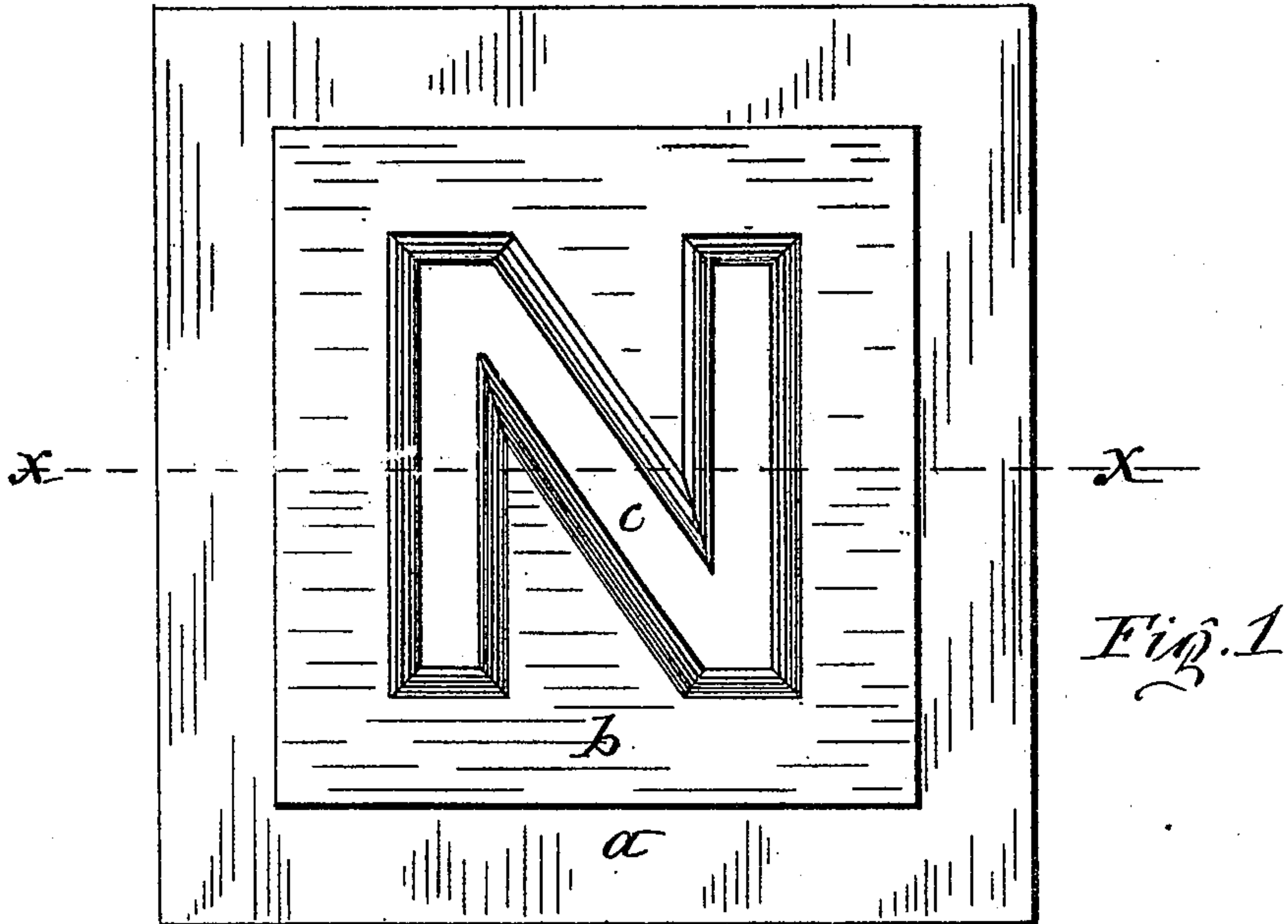


Fig. 1

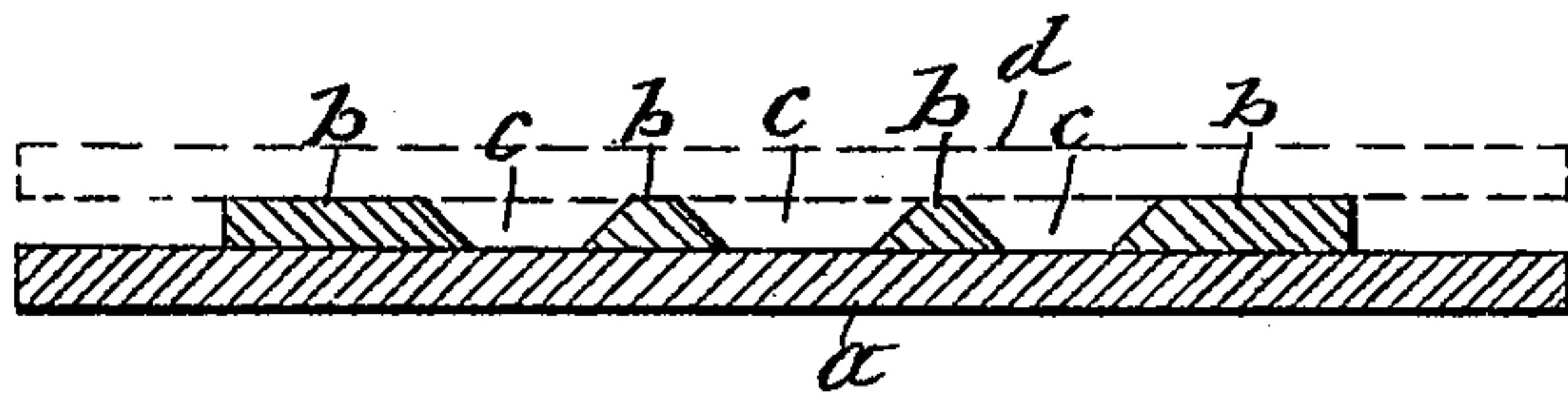


Fig. 2

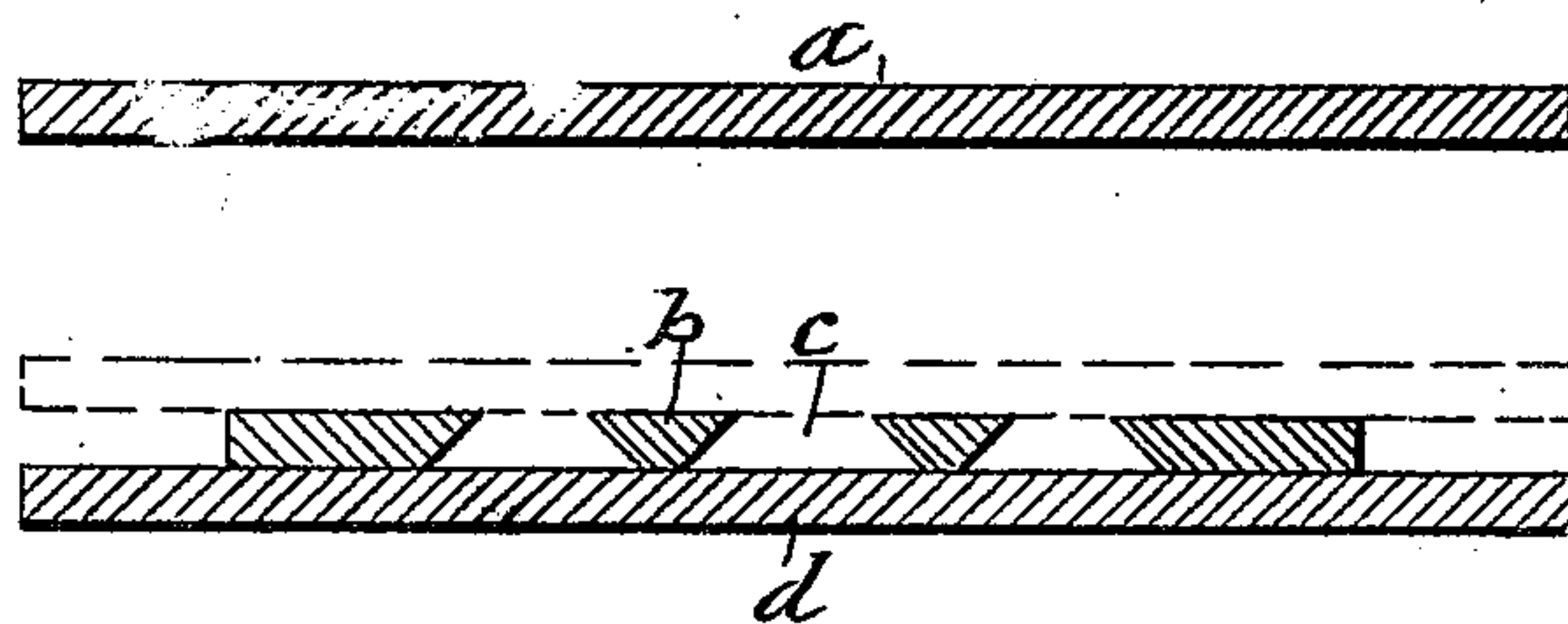


Fig. 3

WITNESSES:

A. F. Walz
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INVENTOR:

Charles T. Snedekor
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UNITED STATES PATENT OFFICE.

CHARLES T. SNEDEKOR, OF NEW YORK, N. Y.

MOLD FOR LETTERS AND ANALOGOUS SYMBOLS.

SPECIFICATION forming part of Letters Patent No. 457,975, dated August 18, 1891.

Application filed January 28, 1891. Serial No. 379,373. (No model.)

To all whom it may concern:

Be it known that I, CHARLES T. SNEDEKOR, of New York, in the county of New York, in the State of New York, have invented new and useful Improvements in Molds for Letters and Analogous Symbols, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

10 This invention relates, chiefly, to the manufacture of letters and analogous symbols to be used in forming signs on windows or other suitable backs, and has special reference to the construction of such symbols from plastic material which is capable of becoming solidified; and it consists in the improved mold for manufacturing the aforesaid letters or symbols, as hereinafter fully described, and specifically set forth in the claim.

20 In the annexed drawings, Figure 1 is a plan view of that portion of the mold by which the outline of the symbol is formed. Fig. 2 is a transverse section on line *xx*, Fig. 1, showing the mold in position for receiving the plastic material; and Fig. 3 shows the same inverted preparatory to removing the molded symbol.

30 *a* represents the bed-plate, having a glazed or smooth flat surface on which the face of the letter or symbol is to be formed. For said plate I preferably employ a smooth flat plate of glass to produce a smooth front surface on the letter or symbol to be formed.

35 *b* is the mold, which imparts the outline to the symbol. This mold consists of a flexible sheet, preferably of rubber, having completely through its central portion the opening *c*, which is of the form of the symbol to be produced and has its edges beveled to one side of the sheet. This sheet I place removably and smoothly on the bed-plate *a*, with the flare of the opening *c* upward from the bed-plate, as shown in Fig. 2 of the drawings. I then fill the opening *c* with liquid or plastic plaster-of-paris or compound from which the symbol is to be formed. Said material is to be of a nature which causes it to solidify and become hard. I preferably use a compound of marble-dust, two parts; Keene's cement, one part, and plaster-of-paris, seven

parts, rendered fluid by the addition of water; but I have also found that other compounds will answer the purpose—as, for instance, plaster-of-paris mixed with water containing alum and borax—and in some cases simply plaster-of-paris made fluid or plastic by mixing with it plain water will answer as a suitable material from which to form the letter or symbol.

60 In connection with the bed-plate *a* and mold *b* I employ a smooth flat plate *d*, which I place removably upon the mold so as to bear on the filling thereof, and is left in its position until the material has set or become solidified. Then the mold *b*, with its bed-plate *a* and plate *d* is inverted, as shown in Fig. 3 of the drawings. The bed-plate *a*, which is then on top, is removed and the sheet or mold *b* drawn up from the plate *d*, leaving the molded symbol on said plate, from which it can be readily removed. By the employment of the two plates *a* and *d* the symbol receives smooth and straight top and bottom surfaces, both of which are very essential to the class of symbols which are to be attached to a pane of glass for forming thereon a sign. The beveled edges of the opening *c* not only produce corresponding ornamental beveled edges on the symbol, but also facilitate the removal of the sheet *b* from said symbol.

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

The improved mold for forming sign-letters or analogous symbols, consisting of the solid bed-plate *a*, having a smooth flat surface, the flexible sheet *b*, of uniform thickness, having the opening *c* beveled to one side of the sheet and laid upon the bed-plate with the flare of the opening upward from said plate, and the plate *d*, having likewise a smooth flat surface and laid with said surface upon the sheet *b*, substantially as described and shown.

90 In testimony whereof I have hereunto signed my name this 21st day of January, 1891.

CHARLES T. SNEDEKOR. [L. s.]

Witnesses:

JOHN M. NIXON,
H. Y. CUMMINS.