(No Model.)

W. NERACHER.

RAISED LETTER FOR SIGNS.

No. 261,477 Patented July 18, 1882.

Fig. 1.

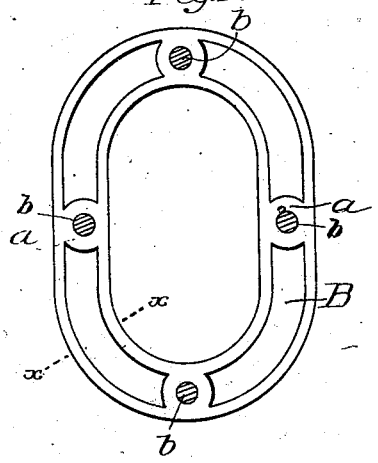


Fig. 2.

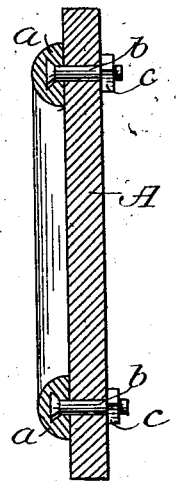
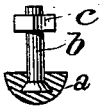


Fig. 3.

Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM NERACHER, OF CLEVELAND, OHIO.

RAISED LETTER FOR SIGNS.

SPECIFICATION forming part of Letters Patent No. 261,477, dated July 18, 1882.

Application filed February 2, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM NERACHER, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Raised Letters for Signs; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention relates to an improvement in the manufacture of letters for signs; and its object is to provide a simple and cheap construction whereby the letters can be readily attached to and detached from the board or groundwork of the sign.

My invention consists in a molded or cast letter of plastic material, having an integral channel and integral lugs in such channel, in which lugs are embedded bolts for securing the device to a board or other background.

In the drawings, Figure 1 is a bottom plan of the letter O. Fig. 2 is a vertical section of the same. Fig. 3 is a cross-section on the line *x x*, Fig. 1; Fig. 4, a cross-section through one of the lugs.

I prefer to construct my improved letter of papier-maché, though any other material which can be cast, pressed, or molded in a soft condition and will afterward attain the requisite hardness might be used. Each letter is molded or pressed in a single piece of concavo-convex cross-section, as shown in Fig. 3, so that it shall have a smooth exterior configuration and an interior channel, B. This channel is interrupted by lugs *a a*, any number of which may be used, and which are formed with the remainder of the letter in the mold. In these lugs are embedded the heads of screw-bolts *b b*, which form the fastening device. Such bolts are held in place in a suitable frame or standard when the article is molded or pressed, so that when the material hardens it will surround the head of the bolt and hold it firmly. The letter and fastening device thus form one complete article, and are practically integral. The letters are attached to a board, A, or other groundwork by passing the bolts through suitable holes, and fastening them on the inside with a jam-nut, *c*, as shown.

In some cases the screws might be inserted independently through the board and into the lugs in the letters, holes for the reception of the screws having been formed in such lugs in the process of forming the letter.

What I claim is—

A letter for signs, molded or pressed from plastic material, and having an integral channel, B, and integral lugs *a* in such channel, and having bolts *b* embedded in such lugs in the process of forming the letter, substantially as described.

This specification signed and witnessed this 3d day of October, 1881.

WILLIAM NERACHER.

Witnesses:

GEORGE C. TRACY,

F. A. SPENCER.