

(No Model.)

G. J. B. RODWELL.
SIGN LETTER.

No. 513,281.

Patented Jan. 23, 1894.

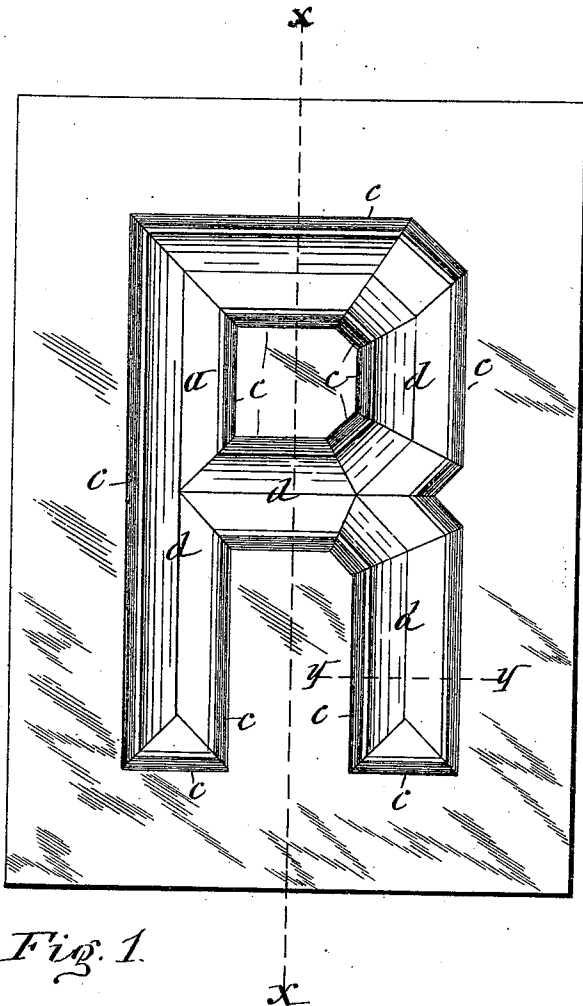


Fig. 1.

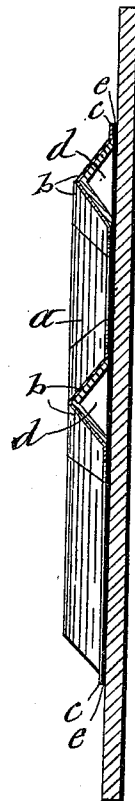


Fig. 2.

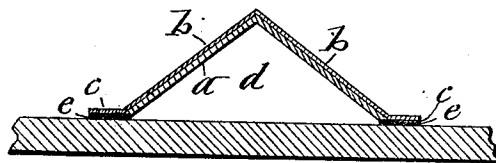


Fig. 3.

WITNESSES:

A. F. Walz
H. M. Seamans

INVENTOR :

George J. B. Rodwell
By Hull, Lassar & Hull
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UNITED STATES PATENT OFFICE.

GEORGE J. B. RODWELL, OF BUFFALO, NEW YORK, ASSIGNOR TO THE
RODWELL MANUFACTURING COMPANY, OF SAME PLACE.

SIGN-LETTER.

SPECIFICATION forming part of Letters Patent No. 513,281, dated January 23, 1894.

Application filed February 16, 1891. Serial No. 381,545. (No model.)

To all whom it may concern:

Be it known that I, GEORGE J. B. RODWELL, of Buffalo, in the county of Erie, in the State of New York, have invented new and useful
5 Improvements in Sign-Letters, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to the class of letters
10 and symbols which are attached to the glass of windows to form a sign thereon.

The chief object of this invention is to provide the letter or symbol with more convenient and more effective and reliable means for
15 attaching the same to the glass, and to that end the invention consists essentially in the combination with the sign-letter or symbol of an attaching flange formed separately from said sign or symbol and attached thereto as
20 hereinafter more fully described and specifically set forth in the claims.

In the annexed drawings Figure 1 is a front view of a sign-letter embodying my invention. Fig. 2 is a transverse section on line
25 *x, x*, Fig. 1, and Fig. 3 is an enlarged transverse section on line *y, y*.

Similar letters of reference indicate corresponding parts.

a— represents the sign letter which may be
30 formed of any suitable material. I preferably stamp the same out of sheet metal of sufficient stiffness to retain it in its proper shape, and in order to allow said letter to be secured to the inside of a window and cause it to present an attractive appearance I form it with
35 a longitudinal recess or depression —*d*— in its front. Letters of such form and material are usually difficult to attach to the glass owing chiefly to liability of the letter being
40 warped or having its attaching edges not in a sufficiently uniform plane to come to a uniform bearing on the glass. To obviate this difficulty I form the usual attaching flange
—*c*— separate from the letter or symbol and
45 secure it thereto either by cementing or soldering it thereon. The body of the letter I form with its edges presented at the front of the letter. In order to more securely attach said flange to the letter I form said flange by
50 attaching to the back of the letter a sheet —*b*— of flexible or pliable material prefer-

ably of soft metal such as sheet lead or tin and of a sufficient width to project from the edges of the letter and form the flange —*c*. This flange being thus composed of soft or
55 pliable material allows it to readily conform to the surface of the glass to which it is to be attached, and thus the operation of attaching the letter is greatly facilitated, and the attachment is rendered perfectly secure. The
60 cement —*e*— by which the letter is to be attached is applied to the front of the flange —*c*— and by coloring said cement the letter receives an ornamental border of the width
65 of the said flange as shown.

I do not limit the application of my improvement to a metallic letter or symbol inasmuch as the described means of attaching the letter or symbol does not depend on the material of the letter and is equally as useful
70 for attaching letters or symbols composed of porcelain, or other well known material.

The essential feature of my invention consists in providing a letter or symbol of stiff
75 material with an attaching flange of pliable or flexible material.

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

1. A sign letter formed with a recessed front
80 or obverse side and having its edges toward the front, and an attaching flange of flexible material, separately formed, extending outward from said edges along the back of said
85 letter and secured thereto, the whole adapted to be secured to a transparent surface with its front or obverse side next to said transparent surface, substantially as specified.

2. A sign letter formed with a recessed front or obverse side and having its edges toward
90 the front, and a separately-formed attaching flange of flexible material secured to said edges, and integral with a sheet of flexible material secured to and covering the back of the letter, substantially as specified.
95

In testimony whereof I have hereunto signed my name this 4th day of February, 1891.

GEORGE J. B. RODWELL. [L. s.]

Witnesses:

EDW. B. WYMAN,
WM. E. CARR.