W. GULDEN.
Sign.

No. 208,974. Patented Oct. 15, 1878.

FIG. I

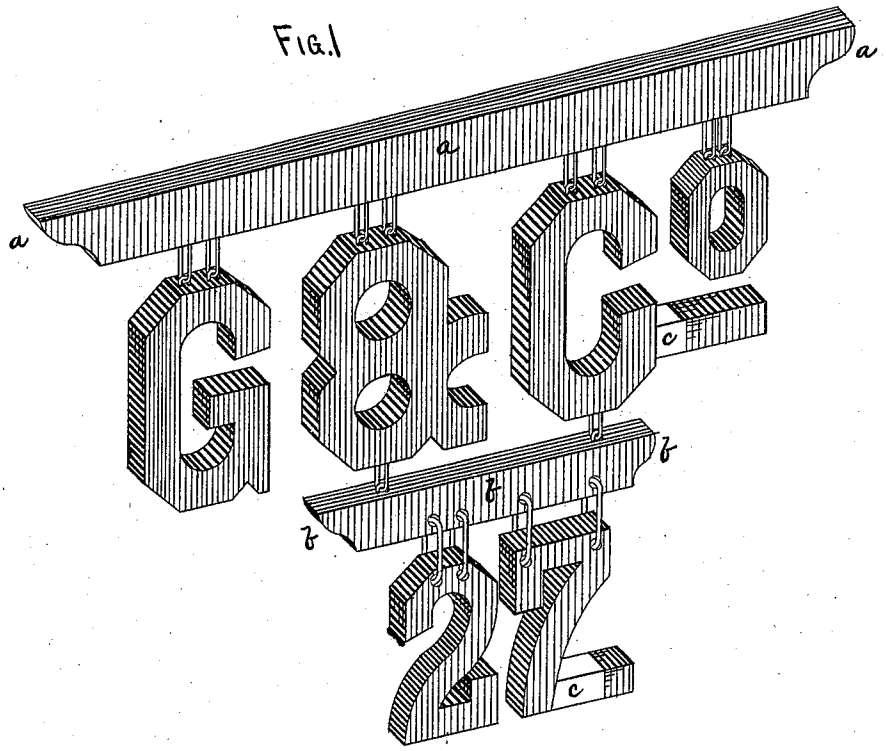
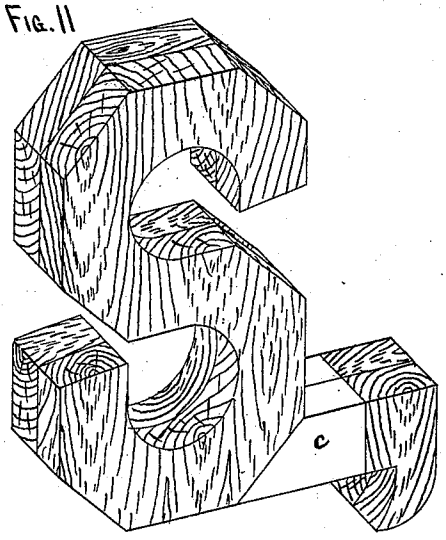


FIG. II



WITNESSES.
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E. H. Bemis

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INVENTOR, BY
Louis Fesser & Co.
Atty's.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WOLFGANG GULDEN, OF MINNEAPOLIS TOWNSHIP, HENNEPIN COUNTY, MINNESOTA.

IMPROVEMENT IN SIGNS.

Specification forming part of Letters Patent No. **208,974**, dated October 15, 1878; application filed March 6, 1878.

To all whom it may concern:

Be it known that I, WOLFGANG GULDEN, of the township of Minneapolis, in the county of Hennepin and State of Minnesota, have invented a certain new and useful Improvement in Signs, which improvement is fully set forth in the following specification and accompanying drawing, in which—

Figure 1 represents a perspective view of a number of letters suspended from the bars. Fig. 2 is a view representing a variation of the method of forming the letters.

This invention relates to suspended signs for show-windows, &c.; and consists in suspending the letters composing the words and figures of the signs from bars, which, in turn, are suspended from some object above, as hereinafter specified.

The invention further consists in the method of attaching the punctuation-marks to the letters, as hereinafter specified.

The letters composing the sign are cut out of metal or any other suitable substance, and suspended loosely to a bar, *a*, which, in turn, is suspended by cords or wires from above, and thus a swinging sign is made which can be formed in any desired manner or style, and will be found very useful in show-windows and similar places, either night or day, as the letters, by being entirely independent of each other, will not obstruct the light to any detrimental degree, and at night with lights behind them will be clearly legible. In the day-time, also, they will be equally legible, as the light from the outside will then illuminate them.

Two or more signs, or one sign and a set of figures, may be suspended, by means of secondary bars *b*, to each other, as shown, if desired.

Another feature of my invention is the method of attaching the punctuation-marks to the letters, which consists in a bar or strip, *c*, which connects them to the letter next which they occur, this bar being colored or painted to correspond with the edges of the letters or the background against which the sign is seen. By this means the punctuation-marks appear detached from the letters in the usual manner. Fig. 2 shows a variation of the letters, which consists of two or more pieces of wood, glued or otherwise secured together, with the grain running in opposite directions, so that one will support the other and prevent breakage or cracking.

What I claim as new is—

1. A sign composed of a loosely-suspended bar, *a*, and a series of letters and figures loosely hung to the bar, and independent of and disconnected from each other, substantially as and for the purpose set forth.

2. As a new article of manufacture, a letter or figure with a punctuation-mark connected therewith, the connecting-bar being of a different color, substantially as set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

WOLFGANG GULDEN.

Witnesses:

C. N. WOODWARD,

LOUIS FEESER.