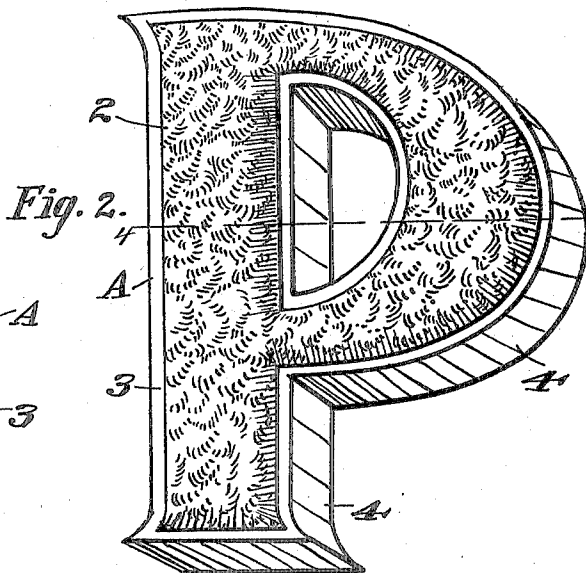
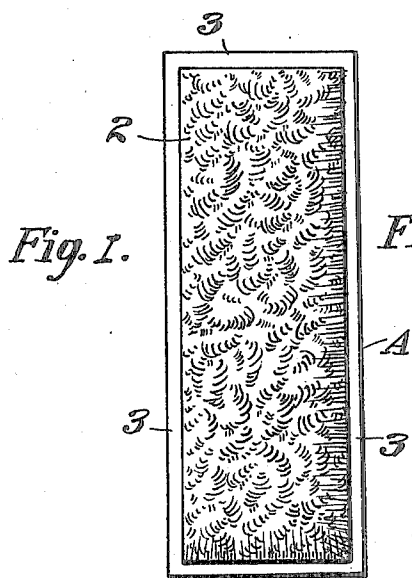


1,284,048.

Patented Nov. 5, 1918.



Witnesses.

Lincoln Johnson
Charles Pickles

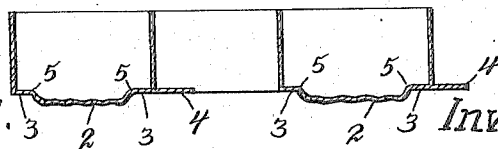


Fig. 3. Peter Mason Bond
per Strong & Townsend.

UNITED STATES PATENT OFFICE.

PETER M. BOND, OF SAN FRANCISCO, CALIFORNIA.

METAL SIGN.

1,284,048.

Specification of Letters Patent.

Patented Nov. 5, 1918.

Application filed October 9, 1916. Serial No. 124,619.

To all whom it may concern:

Be it known that I, PETER M. BOND, a citizen of the United States, residing at the city and county of San Francisco and State of California, have invented new and useful Improvements in Metal Signs, of which the following is a specification.

My invention relates to improvements in metal or other malleable signs.

It consists in the outline of the desired letters or figures upon the back of the sheet metal, then by means of a punch or tool suited for the purpose, to indent the surface from the rear and correspondingly raise it from the front, following the outline of the impression in a series of raised protuberances. In conjunction with this, a flat border line is formed, and shade lines in the whole or parts of the letter or figure may be made.

The invention also comprises details of construction to be explained on reference to the accompanying drawings in which:—

Figure 1 is a view showing a plain block letter.

Fig. 2 shows a letter with the shade lines, and Fig. 3 shows a letter cut out from the sheet and the exterior surrounded by the ornamentation.

Fig. 3 is a section on line 3—3 of Fig. 2.

In carrying out my invention I take a sheet of metal, preferably a metal which is malleable and of sufficient size to contain the letter, word, or figure at A, which it is desired to produce. I then draw in outline upon the surface of the metal, the required letter or design and indicate upon the back by punch-marks or indentations 5, the form of the design which is shown upon the front. I then take tools and by blows or pressure I indent the letter or design with a series of irregular figures as at 2, which raises the front surface of the plate correspondingly, and when complete form the design which is shown in these irregular raises, marks, or figures. The design thus made may be gilded, silvered, or painted in any required ornamental style, and to complete the figures

I form a border portion 3 of the metal, said border extending around the raised or indented portion 2, and forming a regular outline for the figure or letter.

When shading is to be produced, I form an additional portion 4 of metal upon the low light parts, *i. e.*, lower and right side of the letter or character which extends beyond the smooth border and in substantially the plane of the latter, and this may be gilded or colored in any desired way to represent the letter or figure raised from the surface or to give the appearance of being formed from a block. By this construction I am able to produce an exceedingly ornamental and attractive letter, figure, or sign.

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

A metal sign character composed of a malleable plate the edges of which are shaped so as to have a marginal outline of that character and its shade surfaces and having straight uninterrupted lines of indentation formed by pressing the plate outwardly from the back thereof, said lines following only the margin of the character and being arranged in spaced parallel relation to the margin so as to form a flat border, the parts of the plate between said lines of indentations being formed with an uninterrupted mass of irregular indentations extending completely throughout said parts and projecting outwardly from the front face of the plate, said plate also having portions to indicate surfaces extending outwardly and downwardly from the low-light parts of said border and being substantially in the same plane as that of the border.

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

PETER M. BOND.

Witnesses:

JOHN H. HERRING,
W. W. HEALEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."