April 22, 1930. R. W. OLMSTED 1,755,360

SECTIONAL SIGN BOARD

Filed Oct. 22, 1927

Fig. 1.

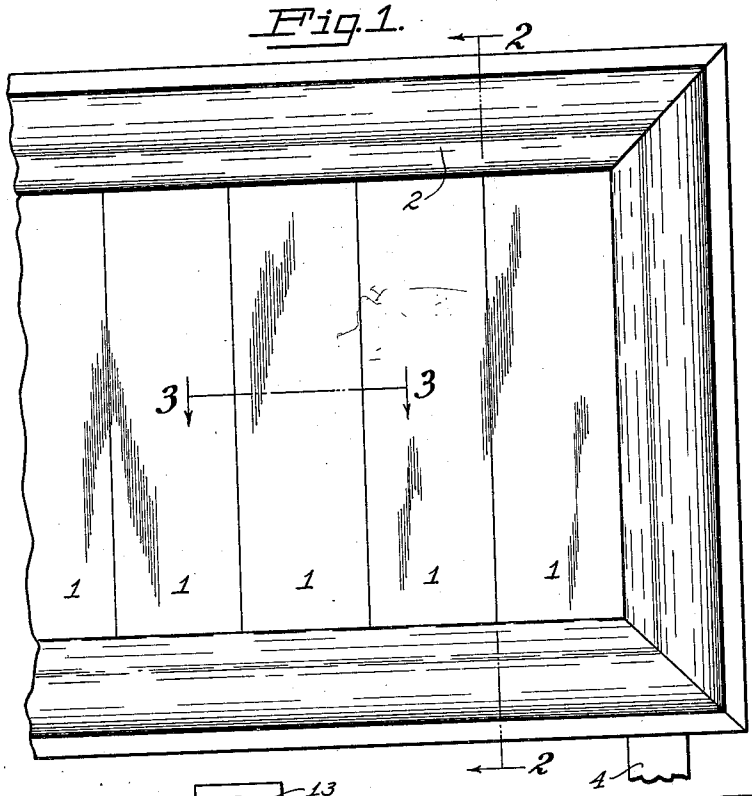


Fig. 2.

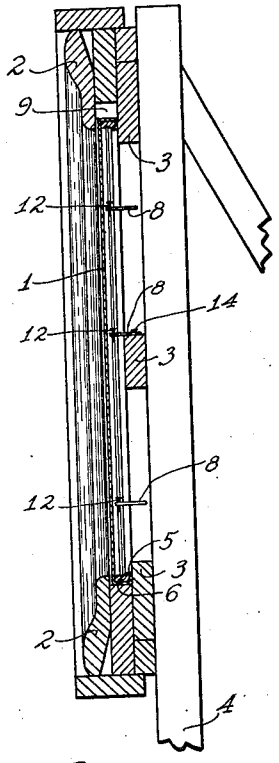


Fig. 4.

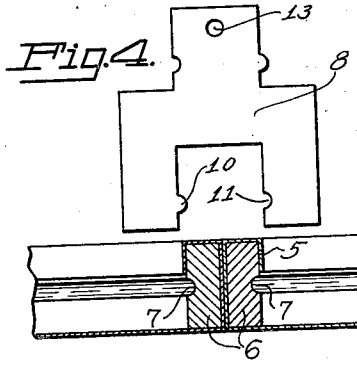
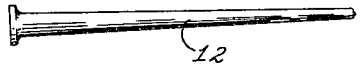


Fig. 3.

Fig. 5.



INVENTOR.
ROGER W. OLMSTED
BY Miller & Boyken
ATTORNEYS.

Patented Apr. 22, 1930 1,755,360

UNITED STATES PATENT OFFICE

ROGER W. OLMSTED, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR TO FOSTER & KLEISER COMPANY, OF SAN FRANCISCO, CALIFORNIA, A CORPORATION OF NEVADA

SECTIONAL SIGNBOARD

Application filed October 22, 1927. Serial No. 227,983.

This invention relates to construction of sheet metal sign boards as used for outdoor advertising, either for the hanging of posters thereon or for direct painting of the signs thereon.

The object of the improvements is to provide a sign board of sectional construction whereby the sections may be set up and painted with the sign matter in the studio and then taken down and again set up in the field or position in which the sign is finally wanted, and with the sections all locked firmly together so that no cracks appear in the surface, or are likely to form.

The construction also provides for quick erection or removal of steel sign boards as used for hanging posters or painting in place.

In the drawings Fig. 1 is a front elevation of part of a large sign board made in accordance with my invention. Fig. 2 is a vertical section of the sign board as seen from the lines 2—2 of Fig. 1. Fig. 3 is an enlarged section of a portion of the board as seen from the lines 3—3 of Fig. 1. Fig. 4 is a plan view of the clamp detached from the panel edges, and Fig. 5 shows a tapered cut nail as used to lock the clamp in place.

My sign when completely set up comprises a row of vertical steel panels or pans 1 in edgewise abutting relation all aligned within a moulding frame 2 secured to horizontally extending beams 3 in turn secured to any suitable support such as the posts 4.

The panels 1 have a rearwardly extending flange 5 around the entire edge which embraces the edge of a metal stiffening board 6 as shown in Fig. 3. Thus each panel forms a stiff pan, and they are of a size easily handled by one man.

The stiffening band 6 is formed with a groove 7 in its inner side which cooperates with a plurality of yoke members 8 for locking the sections together in edgewise abutting relation.

In erecting the sign board panels, they are placed one at a time with upper end in a space 9 back of the upper frame moulding, lifted and the lower end dropped into a shallower space in back of the lower moulding as shown in Fig. 2.

When assembled they are firmly drawn together by means of the yokes 8 which are applied at as many points along the vertical joints of the sections as may be required, and particularly adjacent the center beam 3.

The yokes are rigid, being preferably punched from quarter inch steel plate, and one leg is provided with a lug 10 and the other with a notch 11, the lug 10 fits into the groove 7 in the band 6 of one panel, and the notch 11 aligns with the groove in the band of the adjacent panel so as to form with it a pair of locking recesses to receive a suitable wedge, such for instance as a cut nail 12 of proper size, which when dropped in position as shown in Fig. 3 and driven tightly in place, will align and draw the sections firmly together without the slightest crack showing on the face of the sign.

The wedges are provided with holes at 13 so that those lying against the center beam 3 may be secured thereto as by a nail 14 and thereby stabilize the panels to prevent vibration due to wind.

To take down a sign board of this construction it is merely necessary to knock out the wedge nails, when the yokes may be removed and the panels raised and canted out of the frame, which is then ready to receive a new set of panels already painted with a new sign.

The assembled panels present a perfectly smooth flat surface entirely free from any holes, rivets, nail heads or other features such as usually present on metal faced sign boards to detract from its smooth face.

From the foregoing description it is evident that changes may be made without departing from the spirit of the invention and within the scope of my appended claims.

I claim:

1. A sectional sign board comprising a plurality of sheet metal panels adapted to abut edgewise to form the body of the sign board, said panels each provided with rearwardly projecting marginal devices, and means engaging said devices and for drawing same tightly together comprising a yoke adapted to engage adjacent devices of adjacent panels and wedge means for forcing said devices together within said yoke.

2. A sectional sign panel made of sheet metal with a rearwardly extending marginal flange therearound, and a stiffening band within said flange provided with a groove in its inner face.

3. A sectional sign panel made of sheet metal with a rearwardly extending marginal flange therearound, and a stiffening band within said flange provided with a groove in its inner face, said panel adapted to abut a similar panel to provide adjacent flanges, and a yoke member adapted to engage the bands of such adjacent flanges, and means for retaining said yoke locked to the grooves and thereby locking the panels together.

4. A sectional sign board comprising a plurality of sheet metal panels, a frame supporting said panels in edgewise abutting relation, said panels provided with rearwardly extending reinforced abutting margins, a plurality of devices each device straddling the adjacent reinforcements of the margins of two adjacent panels and provided with means for engaging the margins and forcing the panels tightly together.

ROGER W. OLMSTED.