Aug. 27, 1929. W. WINTER 1,726,282

ADVERTISING SIGN BOARD

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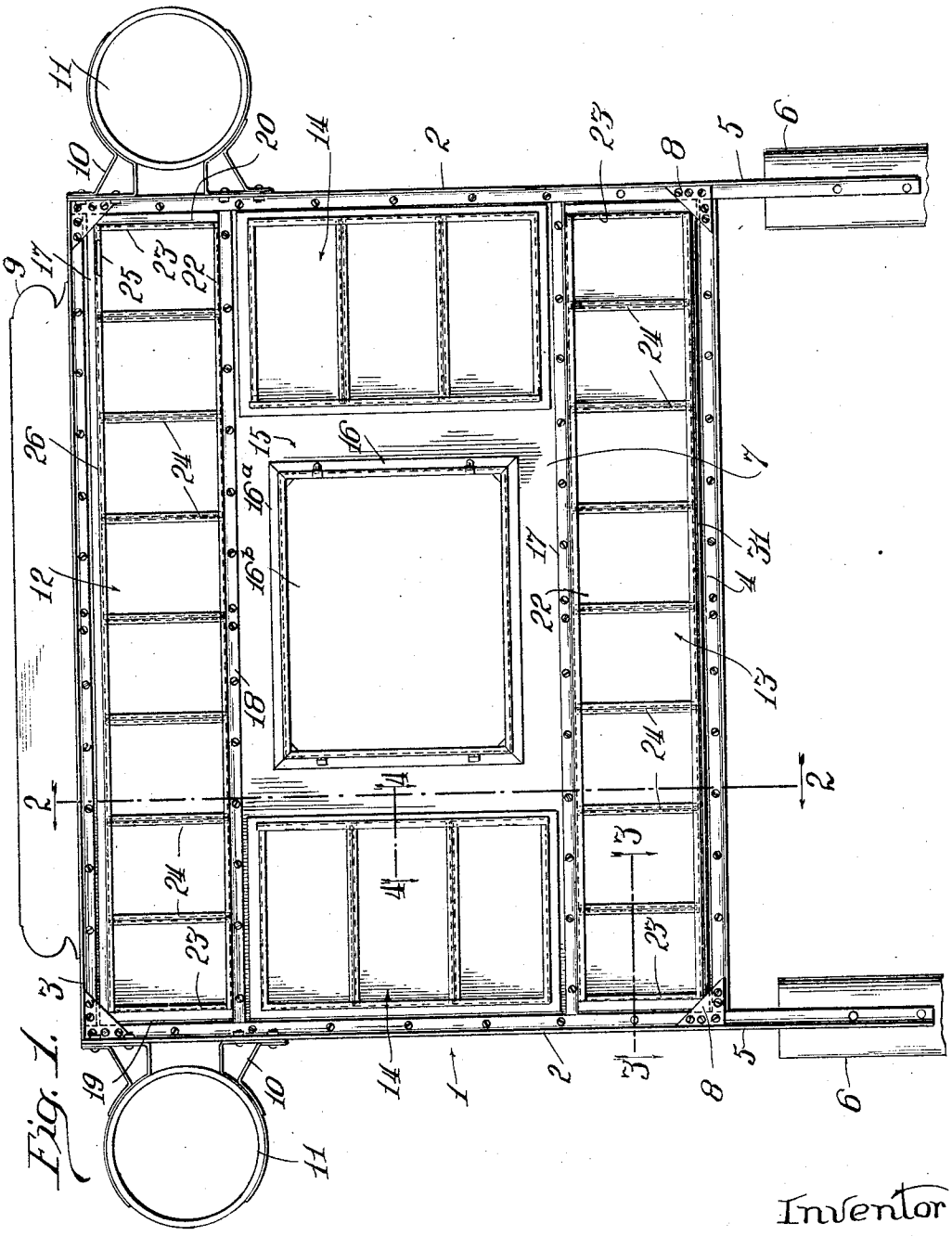


Fig. 1.

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Fig. 2.

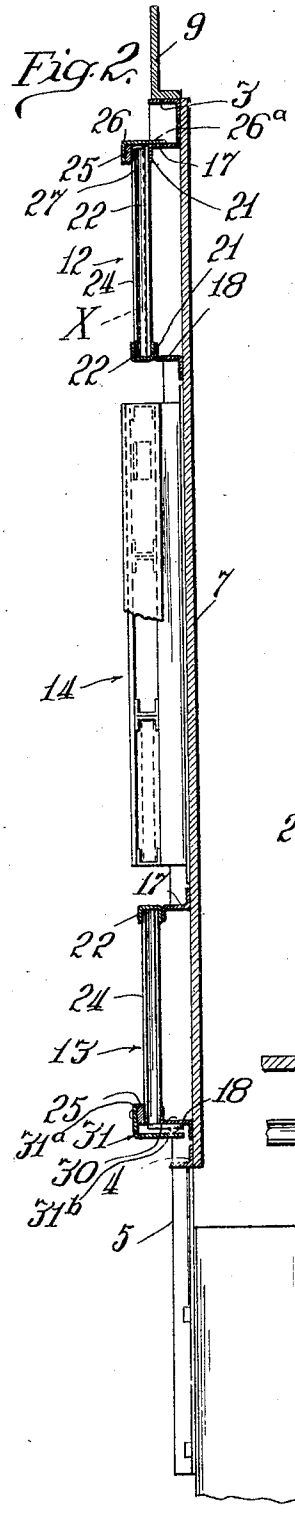


Fig. 5.

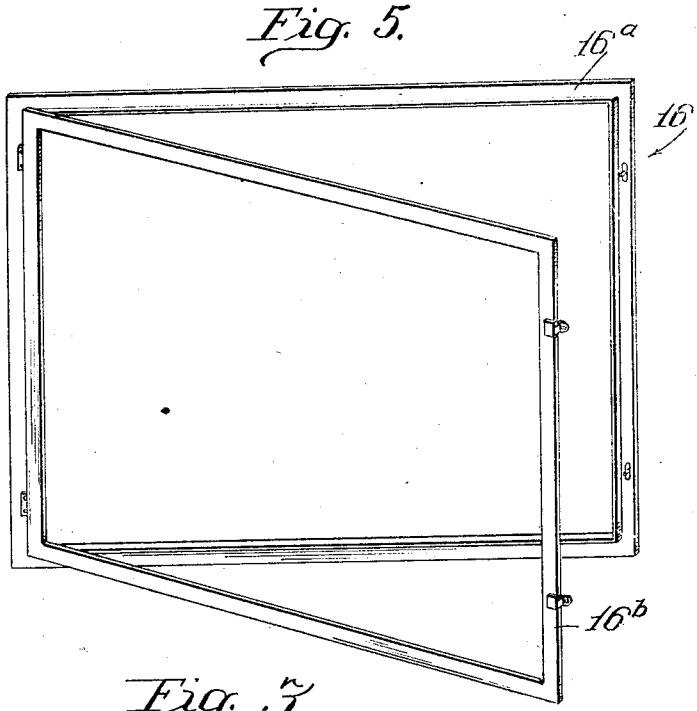


Fig. 3.

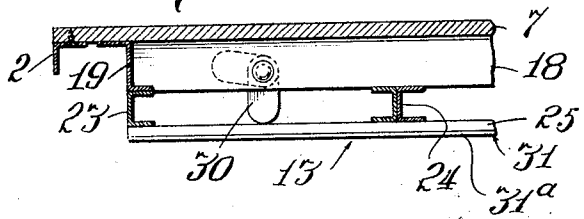


Fig. 4.

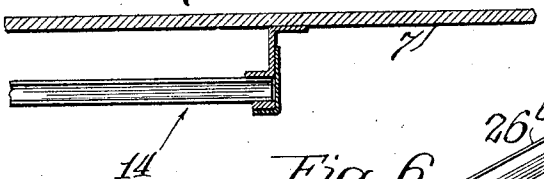
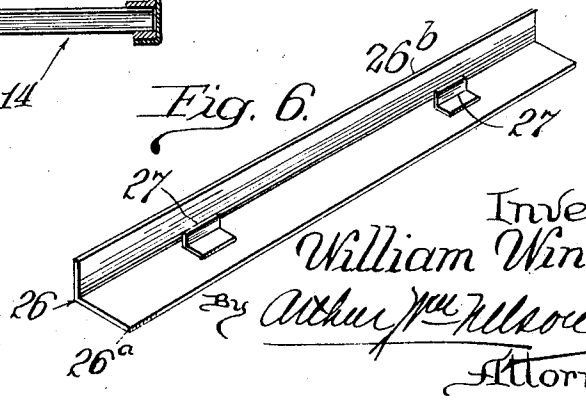


Fig. 6.



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UNITED STATES PATENT OFFICE.

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ADVERTISING SIGNBOARD.

Application filed October 31, 1927. Serial No. 229,812.

This invention relates to improvements in advertising sign boards and it consists of the matters hereinafter described and more particularly pointed out in the appended claims.

The primary object of the invention is to provide a sign board which may readily be made of metal and which includes a panel or support upon which is disposed a plurality of pockets or compartments each to receive a placard bearing the desired indicia, which placards may be readily removed when it is desired to substitute others in place thereof.

Another object of the invention is to provide a sign board having such pockets or compartments which are open at one margin to permit removal and insertion of the placards and to employ in connection therewith, a novel means for closing the open margins to secure the placards in said pockets or compartments.

These objects of the invention together with others as well as the many advantages thereof will more fully appear as I proceed with my specification.

In the drawings:

Fig. 1 is a view in front elevation of a sign board embodying one form of my invention.

Fig. 2 is a vertical section through the sign board on an enlarged scale as taken on the line 2—2 of Fig. 1.

Fig. 3 is a horizontal sectional view through one end of the sign board as taken on the line 3—3 of Fig. 1.

Fig. 4 is a horizontal detail sectional view through a part of the sign board as taken on the line 4—4 of Fig. 1.

Fig. 5 is a perspective view of a frame and door employed in my improved sign board and which will be more specifically referred to later.

Fig. 6 is a detail perspective view of a part of a strip employed in my improved sign board for closing the open end of a placard pocket.

Referring now in detail to that embodiment of the invention illustrated in the accompanying drawings, 1 indicates as a whole the rectangular frame of the sign board which is of a width greater than the height and includes upright side members 2—2, and top and bottom members 3 and 4 respectively, all made of angle bar. The bottom ends of said side members project below the bottom members of the frame to provide legs 5 which may be attached to suitable supporting members 6 to hold the sign board in an upright position. The angle bars of the before mentioned, top, bottom and side members are arranged to bring one of the flanges of each of them into the same plane at the rear of the sign and with the other flanges thereof extending forwardly to simulate a frame about the margins of the board. To the rear side of the first mentioned flanges is fixed a panel 7 and on the front side thereof at the four corners are gusset plates 8 to securely connect said frame members together. On the top frame member 3 is fixed a head board 9 and extending laterally from each side member and near the top end thereof is a bracket 10 to support a secondary and preferably circular indicia bearing member 11 which may or may not be illuminated, just as desired.

Along the top and along the bottom margin of the panel upon the front face thereof is supported a horizontal row of placard holding pockets or compartments 12 and 13 respectively and along each side of the panel upon the front face thereof between said top and bottom rows is a vertical row of placard holding pockets or compartments 14—14. The pockets of the top row are open at the top, the pockets of the bottom row are open from the bottom and the pockets of the side rows are each open at their inner ends.

The rows of placard holding pockets thus mentioned define a central field or area 15 in which is disposed a larger placard holding frame 16 which is rectangular in outline and comprises a frame member 16^a fixed to the front face of that part of the panel 7 within said field or area 15, and a door 16^b hinged thereto along one margin and capable of having its other margin secured to said frame to lock the door in its closed position. Said door is provided with a glass pane through which a placard (not shown) fixed in said frame, is visibly presented to view. By means of this construction said placard may be readily changed from time to time as is desired.

The top row of pockets are constructed as follows: 17 and 18 indicate respectively, a pair of Z bars arranged parallel with the top angle bars 3 of the frame, with the for-

mer adjacent said angle bar and with the latter spaced downwardly therefrom. The extreme ends of said Z bars are connected together by shorter Z bars 19 and 20 respectively arranged adjacent the side angle bars 2—2 of the frame. The flanges 21 of all of said Z bars which are spaced forwardly from the panel, are all faced toward each other as best shown in Figs. 1 and 2 and fixed to the flange 21 of the Z bar 18 is an upwardly facing channel strip 22 of a U shaped cross section. Fixed at their top ends to the flange 21 of the Z bar 17 and fixed at their bottom ends in the channel strip 22 is a plurality of longitudinally spaced, vertically disposed end and intermediate channel members 23 and 24 respectively, the former being of a single U shaped channel cross section and the latter being of a duplex channel or H shaped cross section. In this instance, the end channel members 23 are positioned upon the flanges 21 of the end Z bars 19 and 20 respectively. Connecting the top ends of the end and intermediate channel members 23 and 24 respectively is a bar 25 arranged in the plane of but spaced forwardly from the flange 21 of the Z bar 17 so as to be out of the plane of the open end of the pockets. The construction just described provides the pockets or compartments 12 before mentioned for the placard X best indicated in dotted lines in Fig. 2, said placard being capable of being inserted into the pocket through the open space between the bars 17 and 25 and when in said pockets resting at their bottom edges in the channel 22 and engaging at their side margins in the channels 23 and 24 respectively. To prevent accidental dislodgement of said placards from said pockets, I provide a pocket closing strip 26 in the form of an angle bar and to the flange 26^a thereof I secure fingers 27 parallel with but spaced from the other flange 26^b thereof. This strip is best shown in Fig. 6 and when in place the flange 26^a closes the open top ends of the pockets and the flange 26^b and fingers 27 releasably clamp and enclose the bar 25.

The bottom row of pockets are made substantially the same as the top row of pockets just described but with the parts substantially reversed in position; that is the channel strip 22 is associated with the topmost Z bar 17 to receive the top ends of the upright duplex channels 23—24 while the bar 25 is associated with the bottommost Z bar 18 near the bottom angle 4. In connection with this construction I do not employ any closing strip 26 but on the web of the bottom Z bar I pivot a latch piece 30 thereto so as to be capable of being swung from a position parallel with said Z bar into one at a right angle thereto so as to extend across the plane of the pocket to be engaged by the bottom edge of the associated placard. To conceal these latches and prevent tampering therewith by unauthorized persons I provide an angle bar strip 31 and secure the vertical flange 31^a thereof to the bar 25 so that the other flange 31^b thereof extends under the latches. When it is desired to change the placards therein, the angle bar must first be removed to expose the latches which are thereafter turned to extend endwise of the associated Z bar so that the placards are free to be withdrawn from and reinstated through the open bottom of the pockets. After insertion of the placards the latches are turned to extend across the bottoms of said pockets and the angle bar 31 is replaced.

The side pockets 14—14 are made in substantially the same manner as that described in connection with the top row of pockets so that the like parts are indicated by the same numerals before set forth, the only difference being that said pockets are all normally open along their inner sides or ends, or in other words, along that side furthest removed from the side angle bars of the frame and through which sides or ends of said pockets the placards are removed and inserted.

The structure described is one which readily lends itself to an all metal construction and the parts thereof are all made of stock readily purchased and which reduces waste to a minimum. The sign board holding a plurality of placards is especially useful for community and highway advertising and the placards may be readily changed and shifted about as is desired. It is strong and rigid and for sign boards of a large area the parts may be shipped in a knocked down condition to the place where the board is to be erected.

While in describing my invention, I have referred in detail to the form and construction and arrangement of the various parts thereof, the same is to be considered as by way of illustration only except as may be pointed out in the appended claims.

I claim as my invention:

1. A sign board embodying therein a panel, means providing flanges spaced from one face of the panel, a placard receiving pocket mounted on said flanges and bounded on three margins by channel like members and open at its fourth margin for the passage of a placard therethrough, a bar positioned along one side and out of the plane of the open end of said pocket, and a member of angle bar cross section having one flange removably engaged with the bar and with the other flange extending across the open margin of said pocket.

2. A sign board including a panel, parallel Z bars secured to one face of the panel, each with one of its flanges spaced there-

from, a channel strip member fixed to one of said Z bars parallel with that flange thereof spaced from the panel, channel members disposed at a right angle to said structural member, one end of each channel member being fixed in said channel strip member and the other end of each channel member being fixed to that flange of the other Z bar, spaced from said panel, to form a plurality of placard receiving pockets each open at one margin, a bar spaced outwardly from said last mentioned flange of said other Z bar and secured to the associated ends of said channel members and an angle bar including a flange removably secured to said bar and another flange extending across the open margin of each pocket.

In testimony whereof, I have hereunto set my hand, this 27th day of October, 1927.

WILLIAM WINTER.