Nov. 8, 1932. G. D. OVERHOLTZ 1,886,900

OUTDOOR ADVERTISING STRUCTURE

Filed June 16, 1930

Fig. 1.

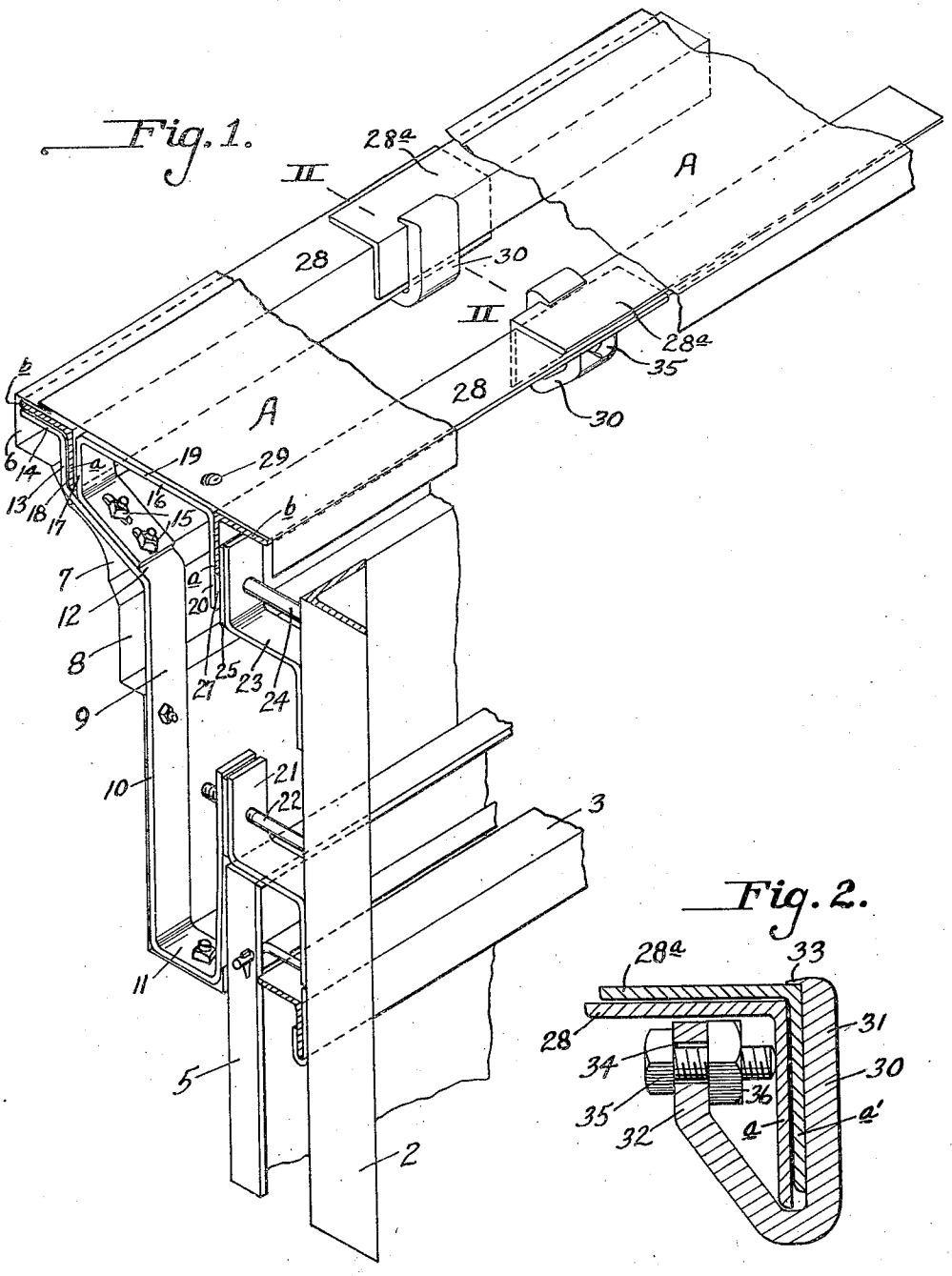


Fig. 2.

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OUTDOOR ADVERTISING STRUCTURE

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This invention relates to improvements in outdoor advertising structures, and more particularly to that type of structure known as a bulletin. In this type of structure, it is customary to employ decorative molding in the form of a surrounding border for the panels constituting the bulletin proper.

In constructing such a bulletin entirely of metal, it becomes necessary to form said molding of sheet metal, cut and bent into the desired shapes, resulting in hollow members. Since such structures are of considerable size, some means of reinforcement must be provided to stiffen the molding and assist in maintaining it on the bulletin structure.

It is therefore a prime object of my invention to provide brackets for the molding and means on the brackets for positioning reinforcing members extending longitudinally of the molding, said means securing the members in place without the use of bolts and their accompanying openings in said members or brackets.

Such a construction may be readily assembled and taken down, thereby attaining the object of portability. Also, it is readily seen that the elimination of bolts and openings in the members provides adjustability and facilitates erection by compensating for variations produced.

My invention may be more readily understood from the following specification taken in connection with the accompanying drawing, wherein:

Fig. 1 is a rear perspective view of a portion of a bulletin structure embodying my invention, shown partly in section; and

Fig. 2 is a detail sectional view taken on the line II—II of Fig. 1.

In the drawing, 2 designates uprights or posts, preferably in the form of angle members, and constituting part of a steel framing upon which the bulletin proper is erected. Such framing also includes horizontal angle members 3 secured to the uprights 2 in any suitable manner. 5 designates a panel secured to the framework, a number of which are employed to provide a surface to which the advertisment may be applied.

As stated, it is customary to surround the panels with a molding, and while the entire molding is not shown, it will be understood that that not shown is generally similar to the upper molding or cornice A illustrated herein. Said molding or cornice includes a substantially rectangular capping portion 6, a receding portion 7, and a depending rectangular portion 8, all of said portions being formed of sheet metal, cut and bent into the configuration described.

The mountings for said molding or cornice are generally designated 9, one of which is preferably positioned at each upright 2 of the framing. As shown, the mounting includes a main bracket member 10 having a lower U-shaped portion 11 entered in the depending rectangular portion 8 of the molding A. The bracket member 10 is also formed with an inclined portion 12 near its upper end, finally terminating in a vertical portion 13 and a horizontal portion 14, said portions 13 and 14 being within the capping portion 6 of the molding A.

Secured to the inclined portion 12 by means of nuts and bolts 15, I provide a supplemental bracket member 16. Said supplemental bracket includes a vertical portion 17 disposed parallel to the portion 13 of bracket member 10 and spaced therefrom, as at 18. A portion 19 of the bracket 16 extends rearwardly from the portion 17, and in a horizontal plane slightly above the portion 14 of the bracket 10. 20 designates a depending portion of the bracket 16.

The bracket member 10 is secured to the upright 2 by means of a Z-bracket 21 interposed therebeteween. A bolt 22 is passed through one leg of the depending portion 11 and the Z-bracket for this purpose, and is secured to the upright 2.

Similarly, the depending portion 20 of the supplemental bracket 16 is secured to a Z-bracket 23 by means of a bolt 24 having a washer 25 thereon. The lower leg of the Z-bracket 23 is bolted to the upright 2 by a bolt 26. It will be noted that the portion 20 is spaced from the Z-bracket, as at 27.

Extending longitudinally of the molding A and adapted to be carried by the mounting 9, I provide horizontally disposed rein-

forcing members 28, preferably formed of angle members. The forward member 28 has a depending flange *a* thereof positioned in the space 18 between the portions 13 and 17 of the bracket members 10 and 16 respectively. The other flange *b* of the forward angle member 28 rests upon the horizontal portion 14 of the bracket 10 in such a manner that the upper surface thereof is disposed in the same horizontal plane as the upper surface of the member 19 of bracket 16.

The depending flange *a* of the rear member 28 is positioned in the space 27 between the portion 20 of the bracket 16 and the upper portion of the Z-bracket 23. The horizontal flange *b* of said rear member 28 extends rearwardly in such a manner that its upper surface is in the same plane as the upper surfaces of the said portion 19 and the flange *b* of the forward member 28. The bolt 24 may be tightened to firmly secure the rear member 28 in place.

Thus, it is seen that the flanges *b* of the reinforcing members 28 and the member 19 of the bracket 16 constitute a support for the capping portion 6 of the molding A. Said capping portion may be secured to the member 19 by means of bolts or screws 29 passed therethrough.

The construction just described provides a firm and adequate support for the molding A throughout its length. In practice, it is often desirable to swing scaffolding from the bulletin structure, and with the form of reinforcing embodying my invention, hooks for said scaffold may be readily placed over the molding A without injury thereto.

Due to the great length of the bulletin structure, it is impracticable to employ the members 28 in one piece. Hence, additional members 28*a* may be employed and may overlap the members 28 at their points of juncture.

For the purpose of securing the members 28 and 28*a* together without the use of registering openings or bolts, I have provided an adjustable clip member 30. Said clip is generally U-shaped and has spaced apart legs 31 and 32. The leg 31 constitutes a backing for the flanges *a* and *a'* of the members 28 and 28*a* respectively, and terminates in a hook-flange 33 at its upper end. The hook-flange is flat so as not to damage the molding A which contacts therewith, and is of sufficient length to act as a retainer for said members 28 and 28*a*.

The leg 32 is formed with an opening 34 therethrough for receiving a bolt 35 having a nut 36 threaded thereon. The distance from the center line of the bolt to the under side of the flange *b* of the member 28 is such that the nut 36 is prevented from rotation when the bolt 35 is turned by means of its head.

The clip may be placed over the members 28 and 28*a* and the bolt 35 tightened, thereby securely fastening the said members together. Thus, the reinforcing members may be joined at any point longitudinally of the molding A between the mountings 9. In the event that it should be necessary to join said members at the mountings 9, the space 18 is sufficiently wide to receive the flanges *a* and *a'*. Also, by reason of the adjustability of the bolt connection of the members 20 and 23, the space 27 may be widened as desired.

While I have shown and described my invention as applied to outdoor advertising structures and bulletins, it is not to be limited thereto, as it is applicable for the mounting of hollow metal moldings or the like upon other structures.

I claim:

1. In an outdoor advertising structure, the combination with a support framing, of a hollow metal molding, a mounting therefor supported from the framing including a main bracket member, a supplemental bracket member secured to the main bracket member and slightly spaced therefrom, and a longitudinally extending reinforcing member for the molding disposed within the molding and having a part inserted between said brackets.

2. In an outdoor advertising structure, the combination with a support framing, of a metal molding, a mounting therefor supported from the framing including a main bracket member, a supplemental bracket member secured to and slightly spaced from the main bracket member, a Z-member attached to the framing and slightly spaced from the supplemental bracket member, and longitudinally extending spaced apart reinforcing members for the molding, one having a part inserted between said main and supplemental bracket members, and another reinforcing member having a part inserted between the supplemental bracket member and the Z-member.

3. In an outdoor advertising structure, the combination with a support framing, of a metal molding, a moutning therefor supported from the framing and including bracket members, said bracket members being slightly spaced apart to receive a part of a reinforcing member therebetween, and a longitudinally extending reinforcing member for the molding, having a part loosely entered between the bracket members.

4. In an outdoor advertising structure, the combination with a support framing, of a hollow metal molding, a mounting therefor supported from the framing and including bracket members, said bracket members being slightly spaced apart, and a longitudinally extending reinforcing angle member within the molding having a flange thereof loosely entered between the bracket members.

5. In an outdoor advertising structure, the combination with a support framing, of a hol-

low metal molding and mountings therefor secured to the framing, a plurality of spaced-apart longitudinally extending reinforcing angle members positioned within the molding and having flanges thereof entered in the said mountings.

6. In an outdoor advertising structure, the combination with a support framing of a hollow metal molding and mountings therefor secured to the framing, a longitudinally extending divided reinforcing angle member positioned within the molding and loosely carried by the mountings, and means for joining ends of the reinforcing member in overlapping relationship.

7. In an outdoor advertising structure, the combination with a support framing, of a hollow metal molding and mountings therefor secured to the framing, a longitudinally extending divided reinforcing angle member positioned within the molding and a flange thereof loosely entered in the mountings, and means for joining ends of the reinforcing member in overlapping relationship, said means including an adjustable clip member.

8. In an outdoor advertising structure, the combination with a supported framing, of a hollow metal molding, a longitudinally extending reinforcing member within the molding, a mounting for the molding supported from the framing and including a main bracket and a supplemental bracket, the latter being attached to the main bracket and having a portion spaced from a portion of the main bracket to receive a part of the reinforcing member therebetween.

9. In an outdoor advertising structure, the combination with a supported framing, of a hollow metal molding, spaced-apart longitudinally extending reinforcing members within the molding, mountings for the molding supported from the framing and including a main bracket and a supplemental bracket, the latter being attached to the main bracket and having a portion spaced from a portion of the main bracket to receive a part of a reinforcing member therebetweeen, and a third bracket member associated with the supplemental bracket having a portion spaced from the supplemental bracket to receive a part of a second reinforcing member therebetween.

10. In an outdoor advertising structure, the combination with a support framing, of a hollow metal molding and mountings therefor secured to the framing, and a longitudinally extending reinforcing angle member positioned within the molding and carried by the mountings.

11. In an outdoor advertising structure, the combination with a support framing, of a hollow metal molding and mountings therefor secured to the framing, longitudinally extending reinforcing angle members positioned within the molding and carried by the mountings, said members being composed of sections, and means for joining the ends of the sections of each member in overlapping relationship.

In testimony whereof I affix my signature.

GEORGE D. OVERHOLTZ.