United States Patent [19]

Forte

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[54] **OUTDOOR ADVERTISING SIGN**

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[52] **U.S. Cl.** ..... **40/125 K;** 40/145 R; 248/221

[51] **Int. Cl.**[2] **G09F 7/18**

[58] **Field of Search** ..... 40/125 K, 125 H, 145 R, 40/145 A, 131 R; 248/230, 221; 211/107

[56] **References Cited**

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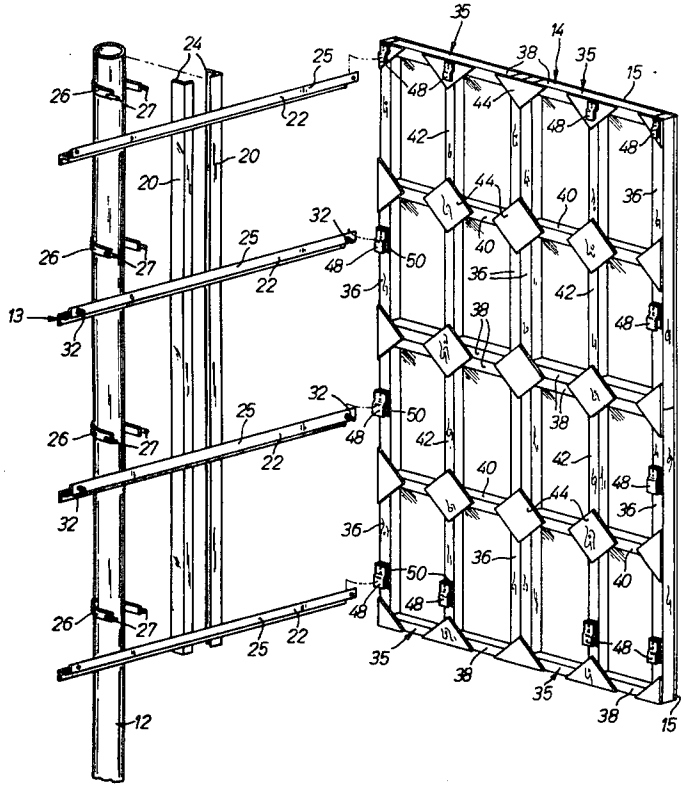
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Primary Examiner—Louis G. Mancene
Assistant Examiner—John F. Pitrelli
Attorney, Agent, or Firm—Ronald E. Barry

[57] **ABSTRACT**

An advertising sign panel having a single hollow metal support pole adapted to be embedded in the ground, a support member mounted on said pole and having a pair of elongate longitudinal elements and a number of elongate lateral elements secured to said longitudinal elements, a frame including a number of vertical members and a number of cross members, a panel secured to one side of said vertical members and end members to form a supporting surface for a sign, a number of clips on said members positioned to engage said lateral elements on the frame for removably supporting said frame on the support member, and a light secured to said pole in a position to illuminate the panel.

4 Claims, 7 Drawing Figures



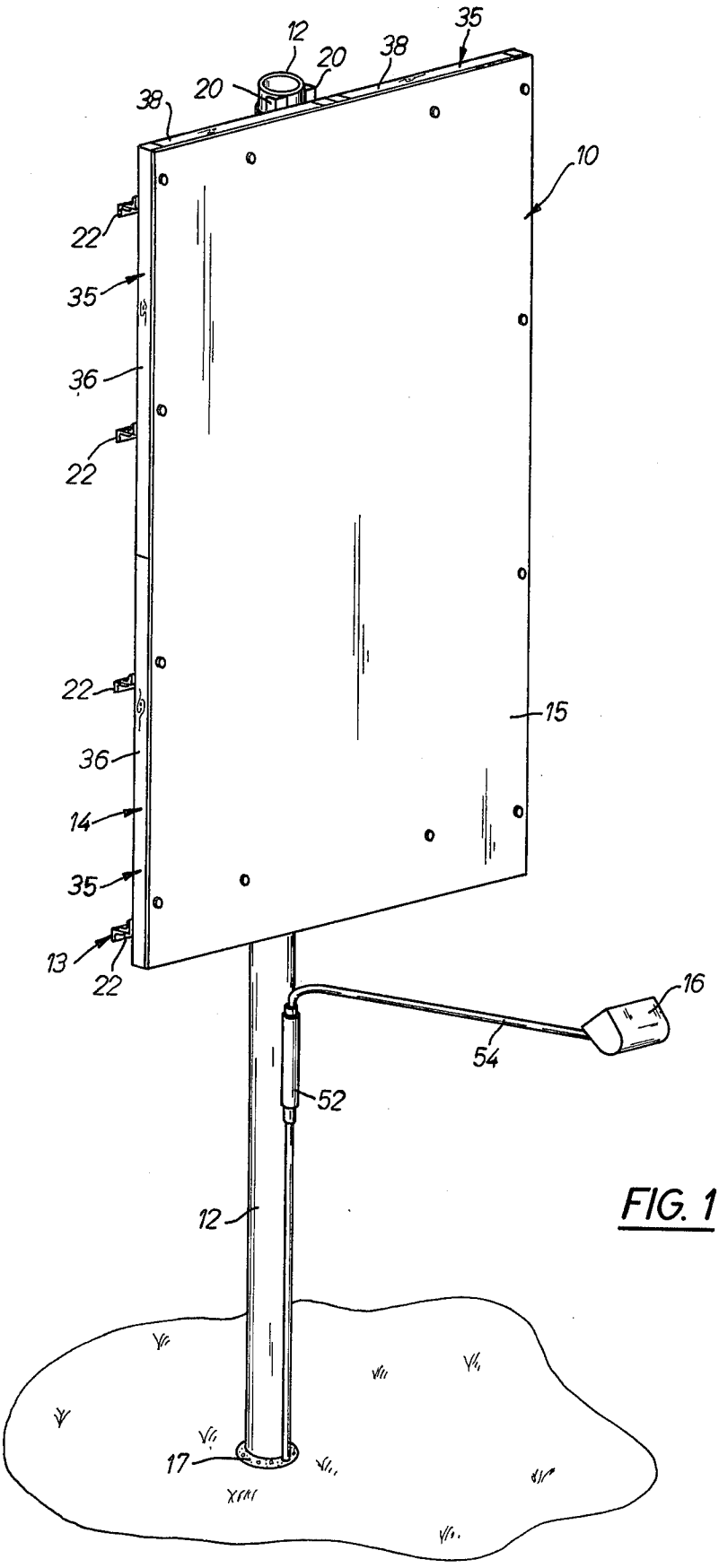


FIG. 1

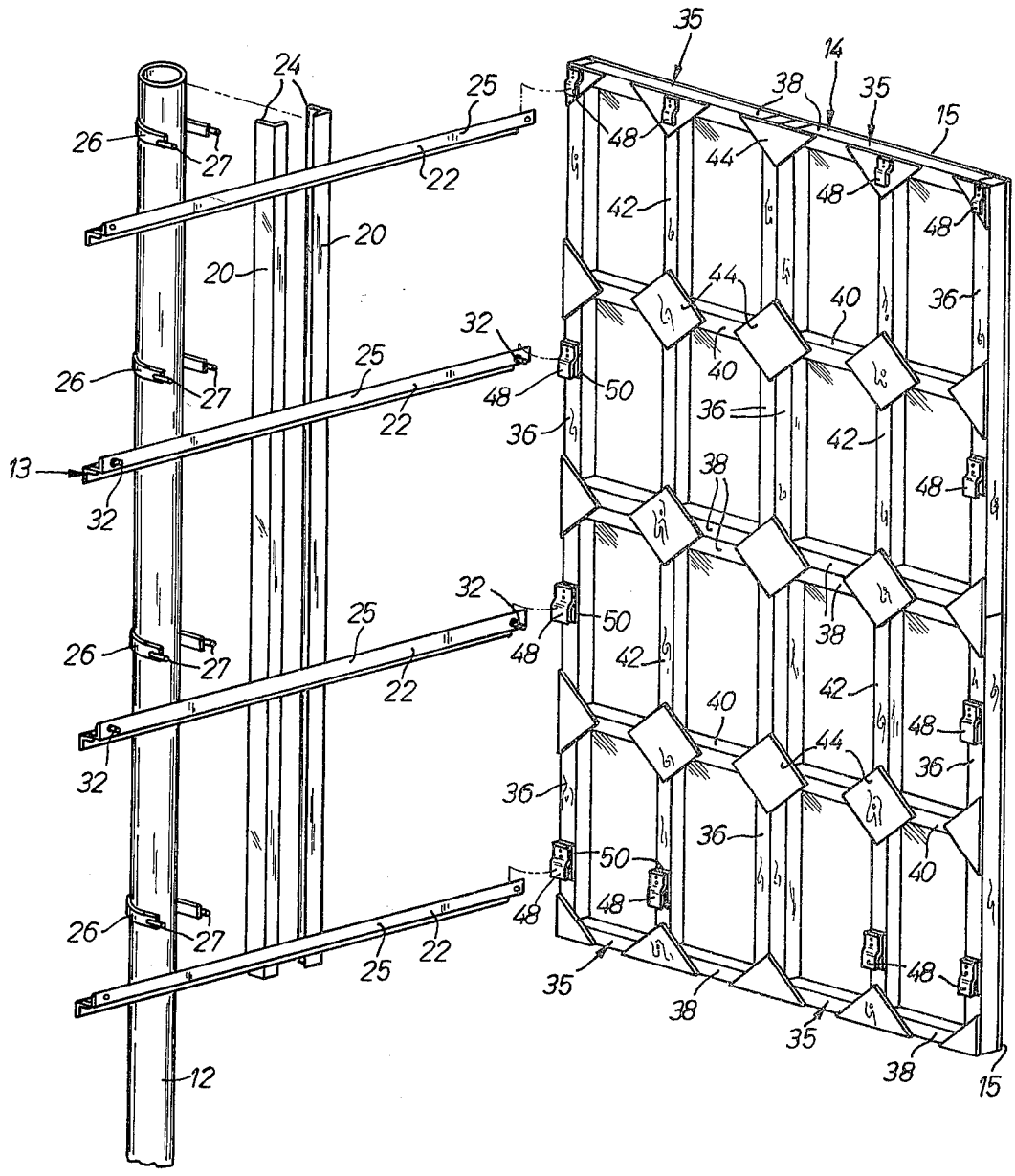

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FIG. 2

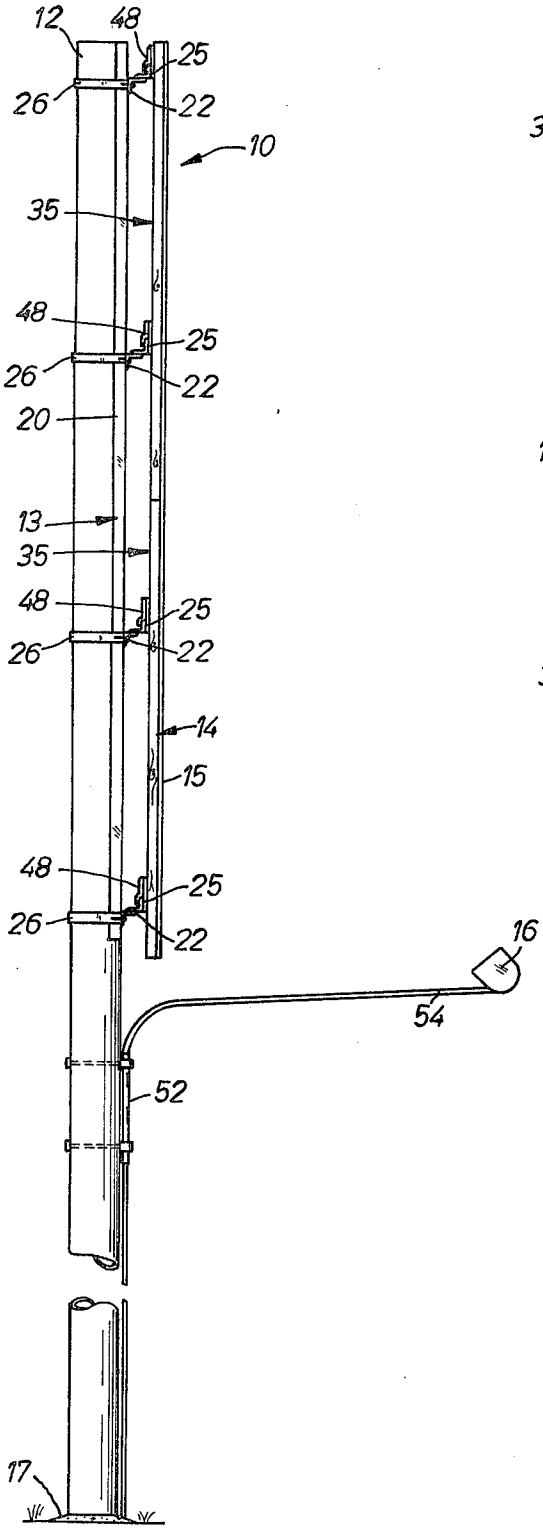

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FIG. 3

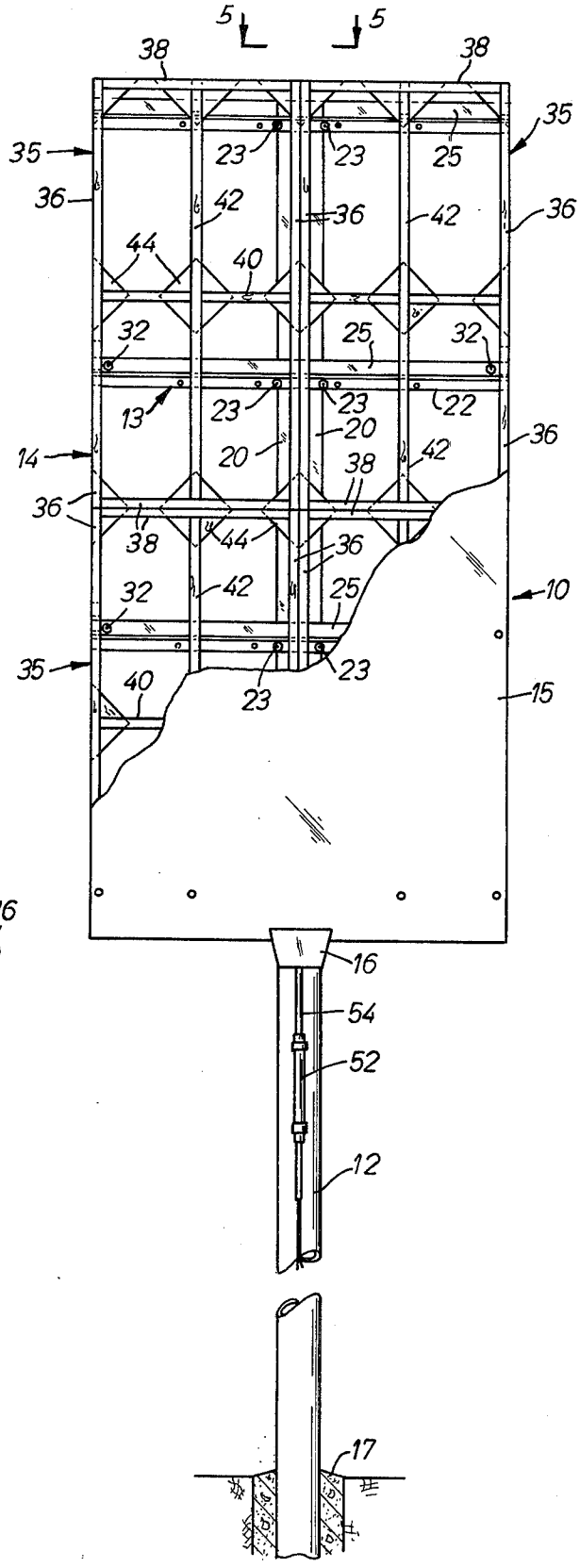

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FIG. 4

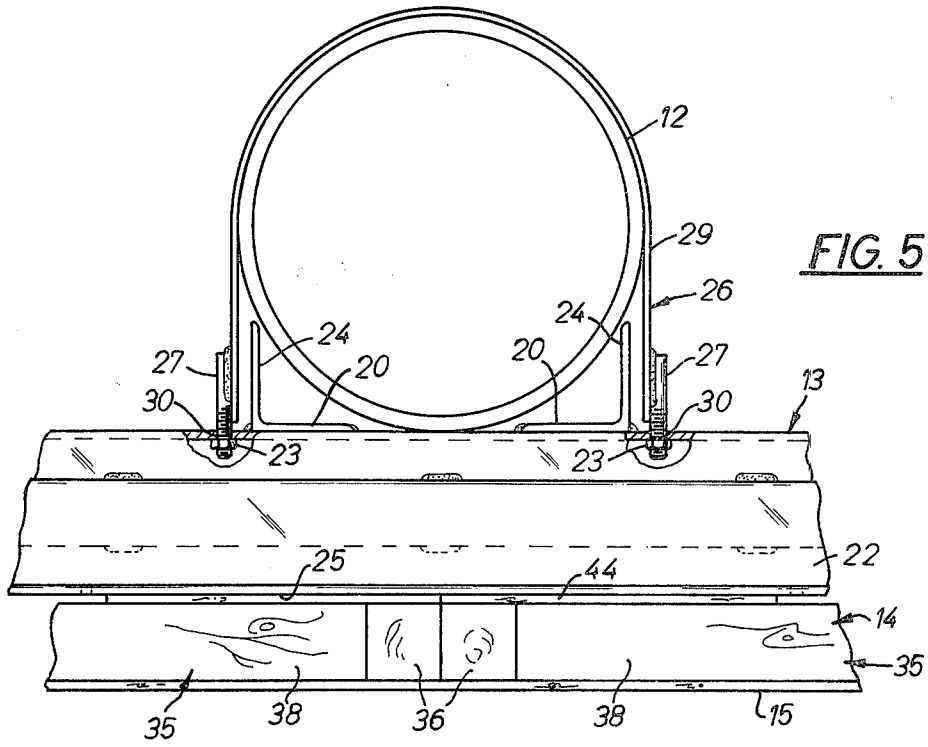


FIG. 5

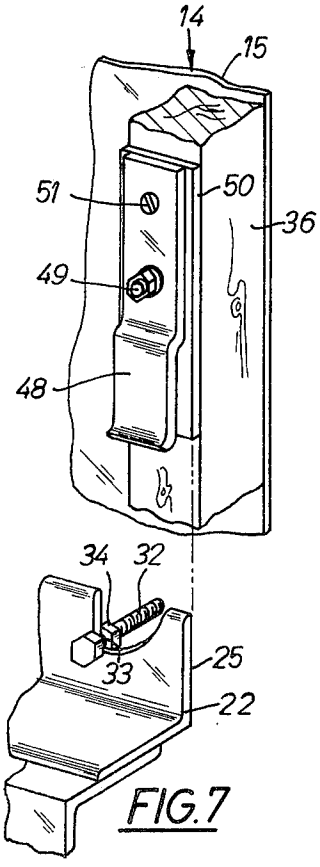


FIG. 7

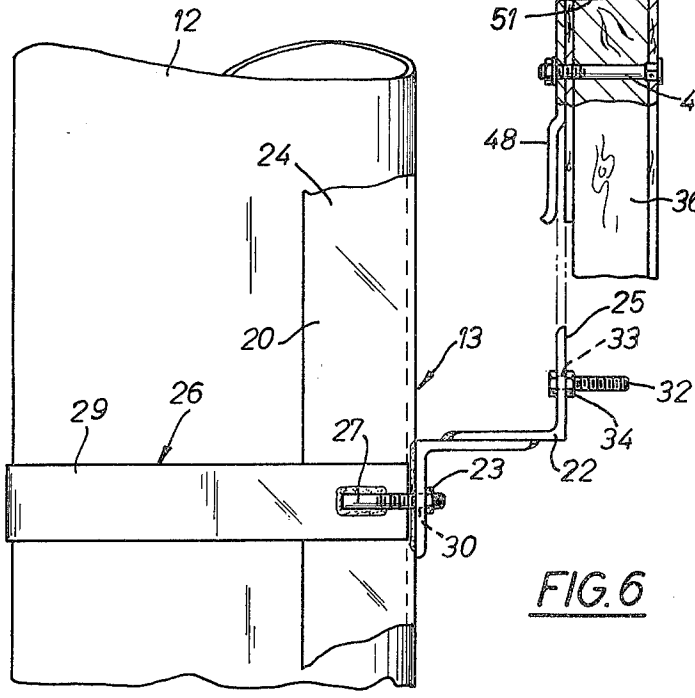


FIG. 6

OUTDOOR ADVERTISING SIGN

BACKGROUND OF THE INVENTION

Outdoor advertising signs are conventionally of the type having their longitudinal axis located in a generally horizontal relation to the ground. The signs are generally 12 feet high and 25 feet long for poster advertising, and 14 feet high and 48 feet long for painted advertising. In order to erect signs of this type it is necessary to obtain permission to use a substantial section of real estate. Also, the signs if of the poster type, must be made in sections and secured to the supporting panel and if painted, they must be painted at the site of the sign or at a point remote from the advertising location.

SUMMARY OF THE INVENTION

The outdoor advertising sign of the present invention is of the vertical type requiring a single pole for supporting the sign. The sign can be used with either posters or painted advertising which is applied to a panel provided on a frame that is removably mounted on the pole. Since the sign is mounted on a single pole, it is only necessary to obtain permission for embedding the pole in the ground. A substantial saving can be achieved with a single pole arrangement. Also, since the supporting frame is removable from the pole as a single unit, the signs can be prepared at a point remote from the advertising location and simply mounted on the pole.

DRAWINGS

FIG. 1 is a perspective view of the sign according to the invention;

FIG. 2 is an exploded perspective view of the sign;

FIG. 3 is a side view of the sign showing the frame mounted on the support member;

FIG. 4 is a front view of the sign with a portion of the sign panel removed to show the frame member;

FIG. 5 is an enlarged section view taken on line 5—5 of FIG. 4 showing the mount for the frame member;

FIG. 6 is an enlarged side view of one of the clips of the frame mounted on the support member;

FIG. 7 is a perspective view of one of the clip assemblies.

DESCRIPTION OF THE INVENTION

Referring to the drawings, the advertising sign **10** of the present invention generally includes a single pole **12,** a support member **13,** and a frame **14** removable mounted on the pole. The frame **14** is provided with means in the form of a panel **15** on which an advertising display can be posted or painted. Means in the form of a light **16** can be provided on the pole **12** in a position to illuminate the front of the frame **14.**

More particularly, the pole **12** is hollow and is adapted to be embedded in the ground. The lower portion can be embedded in a concrete support **17** or directly into the ground if the ground is sufficiently rigid to support the sign.

The frame **14** is supported on the pole by means of the support member **13** which includes a pair of elongate upright elements **20** and a number of elongate lateral cross arms **22.** The elongate elements **20** are in the form of angle irons which are spaced apart and secured to the cross arms **22** by welding. The elements **20** are spaced apart a distance sufficient to allow room

for the sides **24** of the elements **20** to be aligned on each side of the pole **12.** The cross arms **22** are shown as formed from two angle irons; however, a single strip of material bent to a z form could also be used. The upright section **25** of the cross arms is used to support the frame **14.**

The support member **13** (Fig. 5) is secured to the pole **12** by means of a number of collar assemblies **26** having bolts **27** secured to the ends of flat iron strips **29.** The bolts **27** extend through openings **30** provided in the cross arms **22** and are held in position by nuts **23.**

Means are provided on the lateral cross arms **22** for preventing the frame **14** from moving laterally on the cross arms **22.** Such means is in the form of a number of bolts **32** which extend through opening **33** provided in the cross arms **22** and are held in position by means of nuts **34.**

The frame **14** is formed from four identical sections **35.** Each section **35** includes a pair of side members **36** and a pair of end members **38.** Each section includes a pair of cross braces **40** and **42.** The frame **14** is assembled by aligning two of the sections **35** in a side relation, each two sections then being aligned end to end with two other sections. The sections are secured together by means of flat support plates **44** nailed to the frame sections at each of the intersecting points of the cross braces and side and end members.

Means are provided on the front of the sections **35** for displaying advertising posters or paintings. Such means is in the form of a panel **15** secured to the sections **35** by means of flat head carriage bolts **49.**

The frame **14** is removably mounted on the support member **13** by means of a number of clips **48** provided on the side members **36** and the end members **38** of section **35.** Clearance for each of the clips **48** is provided to compensate for the thickness of the plates **44** by means of plates **50** having a thickness substantially equal to the thickness of the plates **44.** The clips **48** and plate **50** are held in position by the bolts **49** and screws **51.** The clips **48** mounted on plates **44** are secured to the frame in the same manner. The clips **48** are positioned to engage the upright section **25** of the cross arms **22** with the bolts **32** located in alignment with the inside edges of the side members **36.**

It should be noted that the weights of the frame **14** is sufficient to hold the frame on the support member. The clips **48** will seat on the upright section **25** of the cross arms **22** with the bolts **32** preventing lateral movement. The frame **14** can then be simply lifted off of the support member and replaced by a new frame.

The panel surface is illuminated by means of the light **16** which is secured to the pole **12** below the frame **14.** The light **16** includes a support bracket **52** and extends outwardly from the pole on a support arm **54** a distance sufficient to support the light **16** in a position to illuminate the front of the panel **15.**

I claim:

1. An outdoor advertising sign comprising:

a single tubular support pole,

a frame for displaying an advertising sign, said frame comprises a number of upright sections, a plurality of cross braces and a number of support plates secured to the upright sections and cross braces at their points of intersection,

and means on said pole for removably supporting said frame in an upright position on said pole, said support means including a pair of elongate angle iron members and a number of cross arms secured

to said members, said members being spaced apart a distance equal to the diameter of said tubular pole whereby said frame is supported on said pole with said elongate members located in a parallel relation and adjacent to each side of said pole, said frame includes a panel on one surface on which a sign can be displayed and a number of clips on the other surface for engaging said support means.

2. The sign according to claim **1** wherein said support means includes a number of cross arms and said clips are retained on said cross arms by the weight of said frame.

3. The sign according to claim **2** including means on said cross arms for preventing lateral movement of said frame on said cross arms.

4. An advertising sign comprising:

a single tubular pole,

a frame support member,

first means for securing said frame support member to said pole,

a frame, said frame including a number of upright sections,

a plurality of cross braces and a number of support plates secured to the upright sections and cross braces at their points of intersection,

and second means for removably mounting said frame on said support member, said first means includes a number of collar assemblies, each assembly including a metallic strip partially encircling said pole and a bolt secured to each end of said strip for engaging said frame support member, said support member includes a number of cross arms and a pair of elongate members spaced apart a distance equal to the diameter of said pole and being secured to said cross arms, each cross arm having an upright section and said frame includes a number of clips positioned to engage the upright section of said cross arms and means on said cross arms for engaging the outside edges of the clips on the outside edges of said frame for preventing lateral movement of said frame on said cross arms.

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