Jan. 27, 1959 A. S. MARTIN ET AL 2,870,985

SIGN SUPPORTING BRACKET

Filed Aug. 23, 1955

FIG. 1

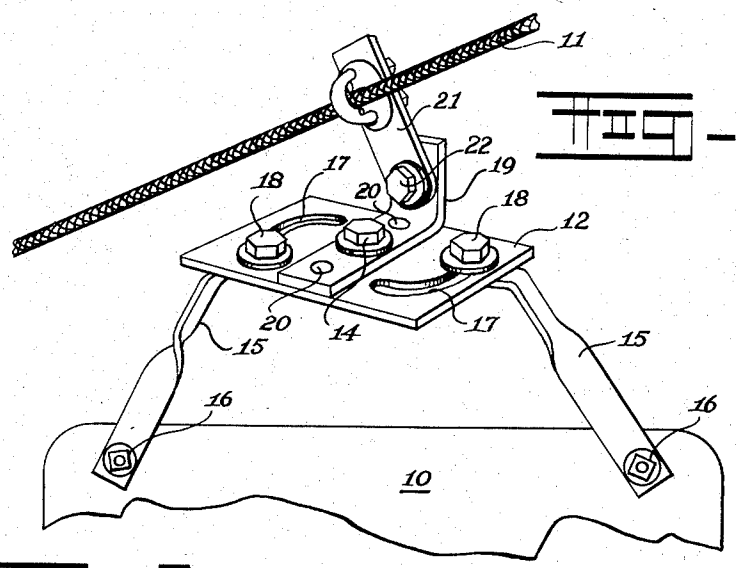



FIG. 2

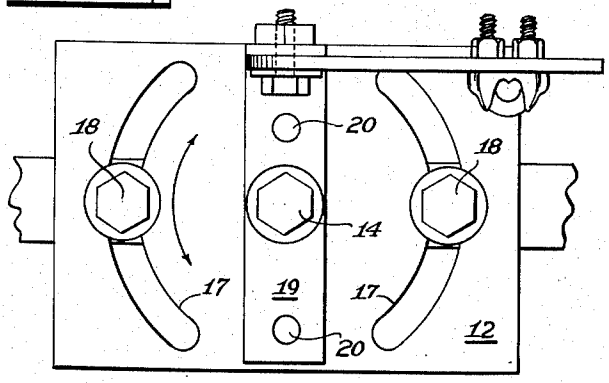
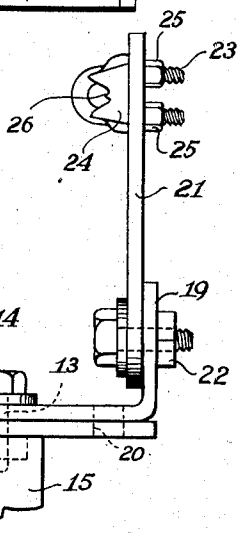



FIG. 3



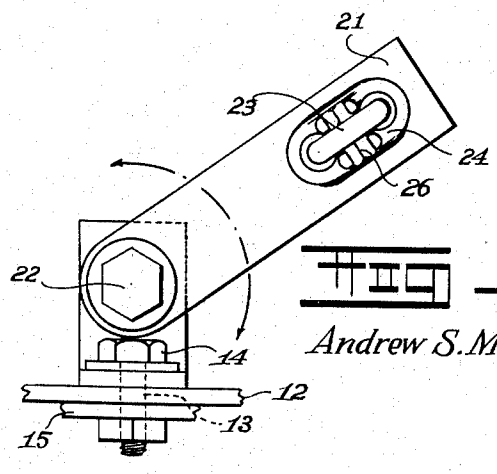




FIG. 4

INVENTOR.

Andrew S. Martin & James E. McCleary

BY

W. B. Harpman

ATTORNEY

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# SIGN SUPPORTING BRACKET

Andrew S. Martin and James E. McCleary, Salem, Ohio

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2 Claims. (Cl. 248—324)

This invention relates to a sign supporting bracket and more particularly to a bracket which may be attached to an overhead wire or cable and act to suspend a sign therebelow.

The principal object of the invention is the provision of a sign supporting bracket by means of which a sign may be positioned above a roadway on a supporting cable regardless of the angle or inclination of the cable with respect to the roadway.

A further object of the invention is the provision of a sign supporting bracket of simple and economic manufacture capable of being readily adjusted to locate a sign supported thereby crosswise of a street or roadway.

A still further object of the invention is the provision of a sign supporting bracket incorporating universally adjustable means permitting the bracket to be attached to an overhead wire or cable running at any inclination or any angle to a roadway therebeneath so that a sign supported from the bracket will be at right angles to the roadway.

The sign supporting bracket disclosed herein is particularly suitable for use in supporting highway and street directional signs above a street or roadway. The bracket makes it possible to position such signs from available overhead wires or cables which may or may not run transversely of the roadway or at an angle parallel with the surface of the roadway. For example, one-way street direction signs, caution signs, etc., may be mounted at various places above a roadway or street through the use of the bracket with each of the signs being uniformly positioned transversely of the roadway despite the positioning of the supporting cable or the inclination thereof.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being the intention to cover all changes and modifications of the example of the invention herein chosen for purposes of the disclosure, which do not constitute departures from the function and scope of the invention.

The invention is illustrated in the accompanying drawing, wherein:

Figure 1 is a perspective view of the sign supporting bracket showing a portion of a supporting wire or cable and a portion of a sign.

Figure 2 is a top plan view of the sign supporting bracket with parts broken away.

Figure 3 is a side elevation of the sign supporting bracket with parts broken away.

Figure 4 is an enlarged plan view of a portion of the sign supporting bracket shown in Figures 2 and 3 of the drawings.

By referring to the drawings and Figure 1 in particular, it will be seen that a sign **10** is supported on an overhead wire or cable **11** through the medium of a sign supporting bracket comprising a body member **12** having a central opening **13** through which a bolt and nut assembly is positioned. The bolt and nut assembly **14** is also positioned through an inverted semi-U-shaped member **15**, the arms of which extend outwardly and downwardly from the central section thereof through which the bolt and nut assemblies **14** are positioned.



The ends of the arms of the semi-U-shaped member **15** are twisted a quarter turn and lie on a common vertical plane in spaced relation to one another. The vertical plane corresponds to the back of the sign **10** to which the ends of the arms of the semi-U-shaped member **15** are attached as by bolt and nut assemblies **16—16**.

The body member **12** is provided with a pair of oppositely disposed arcuate slots **17—17** through which secondary bolt and nut assemblies **18—18** are positioned. The secondary bolt and nut assemblies also engage the intermediate portion of the semi-U-shaped member **15** heretofore referred to.

It will thus be seen that when the bolt and nut asssemblies **14** and **18** are tightened, the body member **12** is secured to the body member **15** in fixed position which may be varied due to the oppositely disposed arcuate slots **17—17** through which the bolt and nut assemblies **18—18** are positioned.

An L-shaped arm **19** is also secured to the body member **12** by means of the bolt and nut assembly **14** and by rivets **20—20**. An extension **21** of the arm **19** is movably secured thereto by a bolt and nut assembly **22** and an upper end of the extension **21** is provided with vertically spaced apertures through which the ends of a U-bolt **23** are positioned, as best shown in Figures 2 and 3 of the drawings. A fitting **24**, which is provided with spaced apertures, is also engaged on the U-bolt **23** adjacent the intermediate portion thereof and with the U-bolt **23** forms means for engaging the cable wire **11** when nuts **25** on the threaded ends of the U-bolt **23** are tightened. The fitting **24** is provided with a rib **26** which engages the cable or wire **11** and thus tight frictional engagement is obtained thereon.

It will be observed that the angle of the wire or cable **11** with respect to the desired positioning of the sign **10** may be matched by the movement of the body member **12** and any inclination of the wire or cable **11** may be matched by tilting the extension **21** of the arm **19** so that it lies at a right angle to the axis of the wire or cable **11**. In such position, tightening of the various nut and bolt assemblies **14**, **18** and **22** will secure the bracket in proper position for mounting the sign **10** and tightening of the nuts **25** will secure the bracket to the wire or cable **11** while tightening of the bolt and nut assemblies **16** will secure it to the sign.

The device thus makes possible the quick and easy installation of overhead signs from existing wires or cables regardless of their angular positioning with respect to the desired location of the sign, etc.

It will thus be seen that the several objects of the invention have been met by the sign supporting bracket disclosed herein.

Having thus described our invention, what we claim is:

1. A sign supporting bracket comprising a flat rectangular body member having a central opening therein and a pair of outwardly bowed oppositely disposed arcuate slots therein located one on either side of said central opening, fasteners positioned one in said opening and one in each of said slots, an inverted U-shaped member secured intermediate its needs to said fasteners beneath said body member and comprising means for suspending a sign attached thereto, an L-shaped arm secured to said body member, an extension movably secured to the upper portion of said L-shaped arm and

a clamp comprising an apertured fitting having a U-bolt engaged therein positioned on said extension and comprising means for attaching said sign supporting bracket to a wire.

2. The sign supporting bracket set forth in claim 1 and wherein the ends of the inverted U-shaped member are twisted ninety degrees to the plane of the remainder of the member and are apertured.



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