

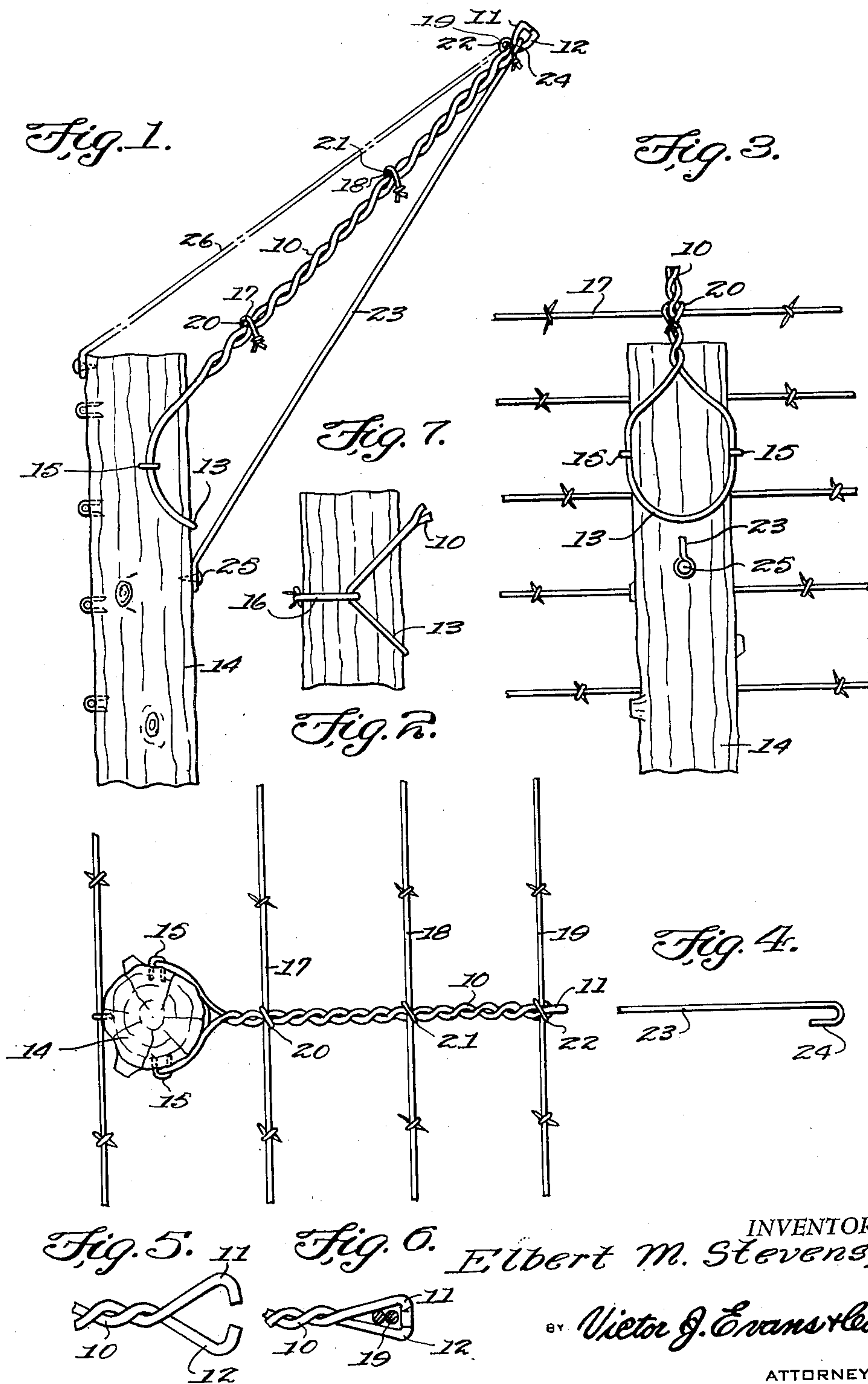
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FENCE POST EXTENDED WIRE SUPPORTING BRACKET

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FENCE POST EXTENDED WIRE SUPPORTING
BRACKET

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3 Claims. (Cl. 248—221)

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This invention relates to brackets for supporting wires in an angular position from the upper ends of fence posts and in particular a twisted wire arm mounted on the upper end of a fence post and extended diagonally upwardly from the post and the bracket may be provided with a supporting brace extended downwardly to compensate for an upward strain on the wires and upwardly to compensate for downward strain on the wires.

The purpose of this invention is to provide mounting brackets for suspending wires beyond the ends of fence posts in which the weight of the bracket on the post is substantially negligible as compared to the post and weight of a fence thereon.

Various types of rigid brackets of the angle iron type have been provided for suspending wires beyond the ends of fence posts but the added weight to the upper end of the post is objectionable. With this thought in mind this invention contemplates a bracket of comparatively light weight secured to the upper end of a post and provided with bracing means whereby wires are suspended in spaced relation and in an angularly disposed position without adding additional weight to the post.

The object of this invention is, therefore, to provide means for forming supporting brackets for wires extended from the upper end of a fence post whereby wires are held in spaced relation and the supporting means is carried by the upper end of the post.

Another object of the invention is to provide a mounting bracket for suspending wires in an angular position above the upper ends of fence posts in which a comparatively large number of brackets may be carried and readily installed by a farm hand or laborer.

A further object of the invention is to provide an improved mounting bracket for suspending wires above fence posts which is of a simple and economical construction.

With these and other objects and advantages in view the invention embodies a continuous strand of wire formed to provide a mounting loop at one end and twisted to provide a reinforced arm to which wires may be attached, and a brace for supporting the arm in an extended position.

Other features and advantages of the invention will appear from the following description taken in connection with the drawing wherein:

Figure 1 is a view showing the upper end of a fence post with the mounting bracket extended therefrom and with the bracket supported by a

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brace shown in full lines on the under side and with a similar brace shown in dotted lines on the upper side.

Figure 2 is a plan view of the bracket shown in Figure 1.

Figure 3 is a side elevational view looking toward the under side of the bracket and with the upper part of the bracket broken away.

Figure 4 is a detail illustrating the inner end of the supporting brace.

Figure 5 is a detail illustrating an end loop on the upper outer end of the bracket with the loop open.

Figure 6 is a similar view showing the end loop clamped together or closed and with wires held therein.

Figure 7 is a detail illustrating a modification wherein the bracket is secured to a post with a tie wire.

Referring now to the drawings wherein like reference characters denote corresponding parts the extended wire supporting bracket of this invention includes an arm 10 formed of a plurality of twisted wires with the outer ends of the wires extended outwardly as indicated by the numerals 11 and 12 to form a wire holding loop and with the inner ends of the wires formed to provide a loop 13 that may be positioned around the upper end of a fence post 14, as illustrated in Figs. 1 and 3. The sides of the loop 13 are fastened to the post by staples 15 or ties 16 and fence wires 17, 18 and 19 may be secured to the arm 10 by wire ties 20, 21, and 22.

In sections of a fence that extend over a hill or through a valley the arm 10 is secured in position by a brace 23, the outer end of which is secured to the end of the arm by the loop 22, and the inner end of which is provided with a loop 24 by which it may be secured to the post by a nail 25, or the like.

When the fence is positioned in a low section of the field where the pull or strain on the wires 17, 18 and 19 is upwardly the brace 23 is positioned as shown in full lines in Fig. 1, and when the fence extends over a hill where the pull or strain on the wires is downwardly the brace 23 is positioned above the arm 10 as indicated by the broken lines 26.

With the brace formed in this manner the weight thereof is comparatively light whereby a comparatively large number of supports or braces may be packed for shipment in a carton and the braces may be supplied at comparatively low cost.

With the braces formed in this manner the

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average farm hand or laborer may readily attach wires extended above a post by attaching the braces to the upper ends of the posts of a fence, as shown in Fig. 1, with the braces supported by the staples 15 or the wire ties 16.

The formation of the loop 13 makes it possible to readily attach the bracket to rough or knotty posts, as well as smooth posts and the posts may be round, square or of any suitable shape.

The bracket is illustrated as formed of a single wire with the arm of two wires. However, it will be understood that any suitable number of wires may be used.

It will be understood that the bracket is used independent of the braces 23 and 26 when the fence is positioned on level ground.

It will be understood that modifications may be made in the design and arrangement of the parts of the bracket without departing from the spirit of the invention.

What is claimed is:

1. In an extended wire fence post supporting bracket, the combination which comprises a strand of wire folded midway of the length thereof to form a substantially semi-circular loop with the strands of wire from the loop twisted providing a twisted wire arm, and said twisted wire arm positioned in a plane perpendicular to the plane in which the loop is positioned, and wire fastening means positioned at spaced points on said arm.

2. In an extended wire fence post supporting bracket, the combination which comprises a strand of wire folded midway of the length thereof to form a substantially semi-circular loop with the strands of wire from the loop twisted providing a twisted wire arm, and said twisted wire arm positioned in a plane perpendicular to the plane in which the loop is positioned, wire fastening means positioned at spaced points on

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said arm, and a brace adapted to extend from the outer end of the arm to a point on a post on which the loop is positioned with the point where the brace is attached to the post spaced from the said loop.

3. In an extended wire fence post supporting bracket, the combination which comprises a strand of wire folded midway of the length thereof to form a substantially semi-circular loop with the strands of wire from the loop twisted providing a twisted wire arm, and said twisted wire arm positioned in a plane perpendicular to the plane in which the loop is positioned, wire fastening means positioned at spaced points on said arm, and a brace adapted to extend from the outer end of the arm to a point on a post on which the loop is positioned with the point where the brace is attached to the post spaced from the said loop, the strands of wire of the twisted arm connecting the arm to the loop having arcuate sections therein formed to be positioned against the sides of a fence post with the loop extended around the post.

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