June 14, 1927.

W. M. HOLTZ

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FENCE

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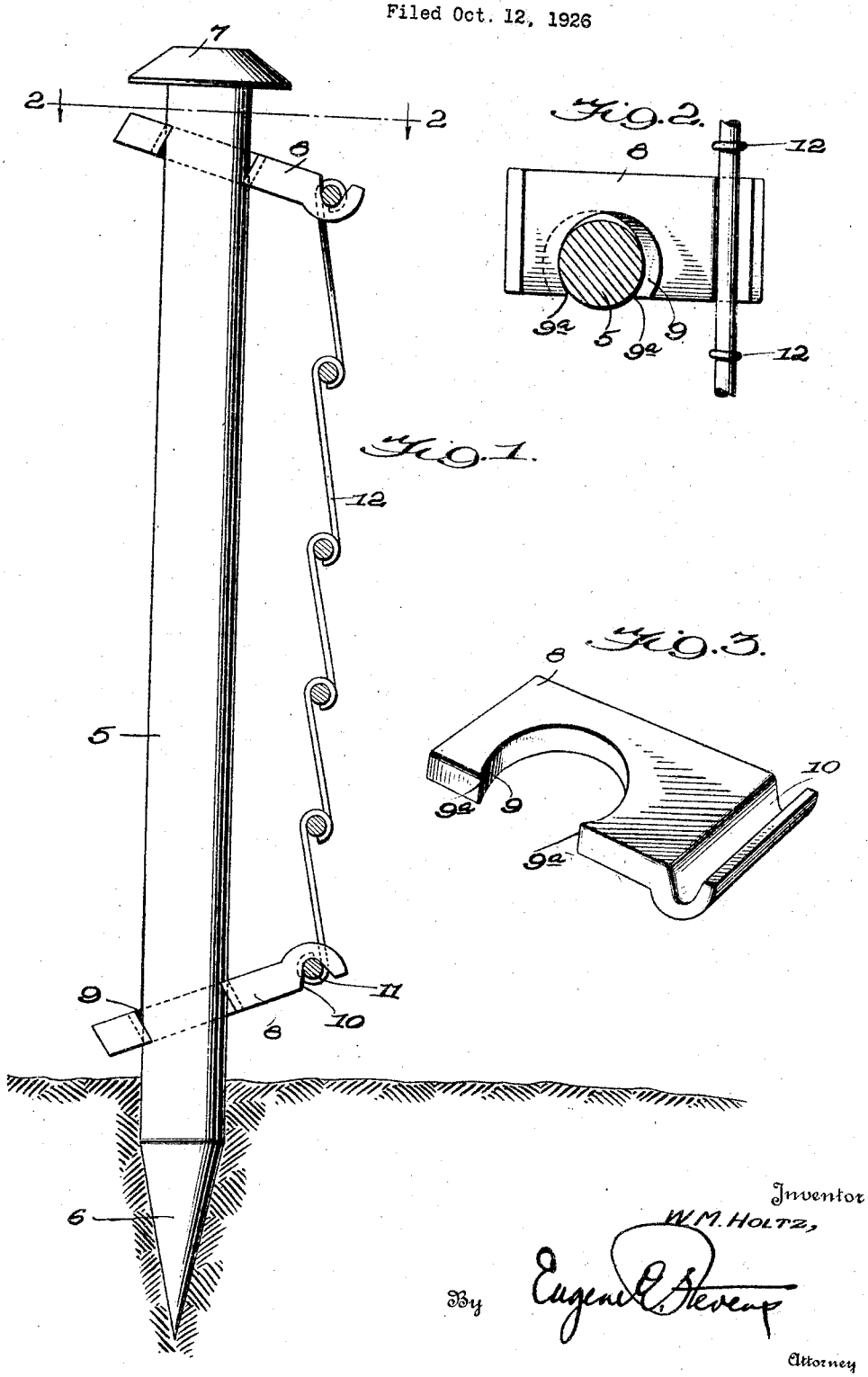

Fig. 1.

Fig. 2.

Fig. 3.

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UNITED STATES PATENT OFFICE.

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FENCE.

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My invention relates to improvements in fences and particularly to such as involve interconnected wire strands.

Primarily, the invention contemplates a novel means for connecting the wire to a fence post, the said wire connecting means being relatively adjustable on the post to permit ready use to engage wire sheets of varying widths.

Another object of the invention is to provide an adjustable post carried wire engaging member which will be held in a desired position on the post by the engagement of the wire therewith.

Other objects and advantages of the invention will become more apparent as the description proceeds, reference being had to the accompanying drawings which illustrate what I now regard as a preferred embodiment of the invention. The various features of novelty are pointed out with particularity in the claims annexed to and forming a part of this specification. It is to be understood, however, that I do not intend to limit myself to the precise structure illustrated and described herein, as various changes and modifications thereof will immediately suggest themselves to those skilled in the art without departing from the spirit and scope of the invention as claimed hereinafter.

In the drawings,

Figure 1 is an elevation of a fence post showing the application of my invention for holding the fence wire in place;

Figure 2 is a section on the line 2—2 of Figure 1 looking in the direction of the arrows;

Figure 3 is a perspective view of one of the post carried lugs for engaging and holding the fence wire.

Referring specifically to the drawing, wherein like reference characters designate like parts in all views, numeral 5 denotes a fence post which may be made of any material. I preferably use an iron post of circular form, the lower end of which is pointed as indicated at 6 while the upper end is somewhat enlarged and flattened as indicated at 7,—this latter for convenience in driving the pointed end 6 into the ground.

My invention relates more particularly to the wire carrying lugs 8, there being two carried by each post as shown in Figure 1 to engage the top and bottom horizontal strands 11 of the fence wire. Referring more particularly to Figures 2 and 3 it is noted that each lug 8 is provided with a recess 9 opening at one side edge. Figures 1 and 3 clearly indicate that the mouth or opening of each recess 9 is a trifle wider than the diameter of the post 5, thus to permit the entry of the post into the recess. Once the post has been engaged in the lug recesses 9 it is obvious that by swinging the lugs in the direction of the axis of the post 5 the corners or edges of the recess mouth will engage the post to prevent the lugs from slipping off the same. Also the top and bottom edges of the lug recesses bind against the post to prevent the lugs 8 from slipping longitudinally thereon.

The extended part of each lug 8 is formed with a fence wire engaging cross groove or hook 10 to receive the top and bottom horizontal wire strands 11 as aforesaid. The wire of the fence is stretched so that it thereby supplies the necessary tension to hold the top and bottom portions of the lug recesses in binding engagement with the post 5 to prevent slipping of the lugs and also to keep the lugs and post assembled.

From the foregoing description read in connection with the accompanying drawing it will be clear that my lugs will be adjustable for any width of wire sheet. The use of said lugs permit of the rapid installation of a temporary fence which will be just as satisfactory as could be possibly desired. The same applies as to a permanent fence. The form of wire here illustrated involves the horizontal strands 11 as aforesaid which are connected by vertical strands 12. It is, of course, obvious that any other form of wire sheet could be availed of in place of the particular variety referred to and also that other fencing material could be availed of in place of wire within the scope of my invention.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. The combination with a fence post and fence; of a member having a post receiving recess relatively larger than one cross sectional dimension of said post whereby to loosely receive the same, and fence supporting means carried by said member whereby the weight of a fence will rock said member to bind the edges of said recess to engage said post to hold the member in a set position.

2. The combination with a fence post; of a pair of spaced lugs having post engaging portions for adjustably mounting the lugs on the post, said lugs having fencing material engaging portions, and fencing material engaging said last named portions, the said fencing material tending to move the said last named portions in the direction of each other whereby to bind the post engaging portions against the post to hold the same in adjusted position.

3. The combination with a fence post; of a lug having a recess for reception of said post whereby to slidingly mount the lug thereon, the mouth of said recess being slightly larger than the diameter of said post and the major portion of said recess being substantially larger than the diameter of said post, a fencing material engaging arm, and fencing material engaging said arm thereby rocking said lug transversely of the axis of the post whereby to bind the edges of said recess against the post to hold the lug in a set position.

In testimony whereof I affix my signature.

WILLIAM M. HOLTZ.