April 4, 1939. A. OLSON 2,152,816

WIRE FENCE

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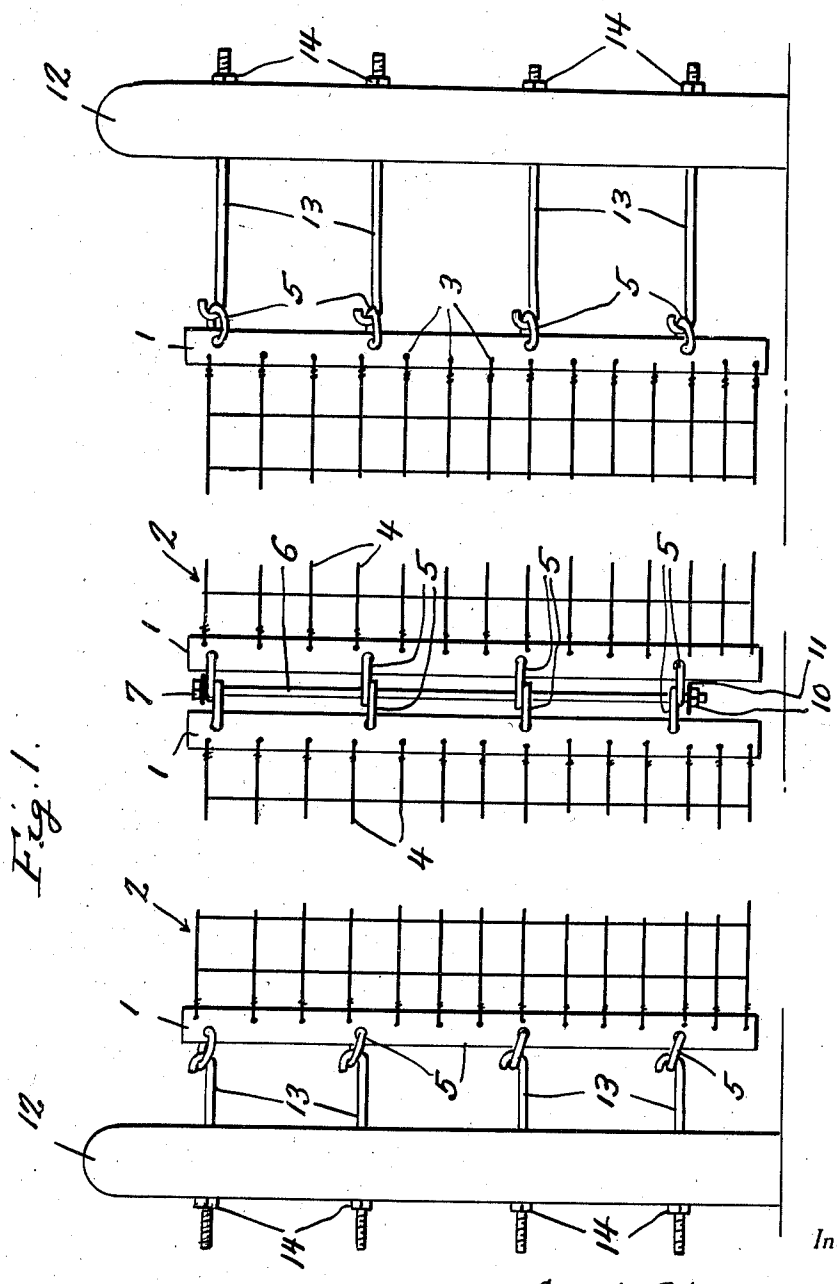


Fig. 1.

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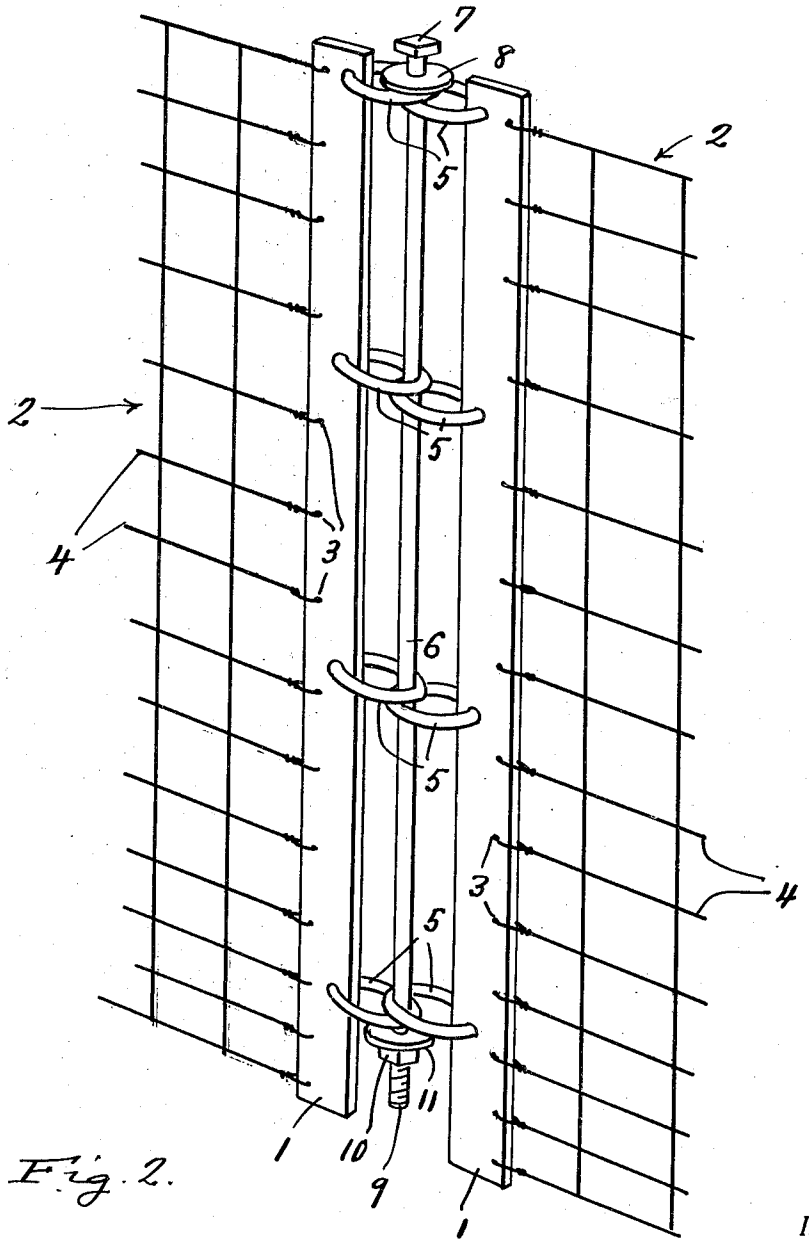


Fig. 2.

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UNITED STATES PATENT OFFICE

2,152,816

WIRE FENCE

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Application February 28, 1938, Serial No. 193,145

1 Claim. (Cl. 256—24)

The present invention relates generally to new and useful improvements in wire fences and has for its primary object to provide, in a manner as hereinafter set forth, novel means whereby two lengths of woven fence wire may be expeditiously connected in a highly satisfactory manner and disconnected when desired, as when the wire is to be taken down.

Other objects of the invention are to provide a woven wire fence connection of the character described which will be comparatively simple in construction, strong, durable, reliable, compact and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawings wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a view in side elevation of a portion of a fence equipped with a connection constructed in accordance with the present invention.

Figure 2 is a perspective view of the invention.

Referring now to the drawings in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a pair of duplicate, flat metallic bars 1 of suitable length. As illustrated to advantage in Fig. 2 of the drawings, the metallic bars 1 are adapted to be mounted on the ends of the lengths of woven fence wire 2 which are to be conneteed. Toward this end, the metallic bars 1 have formed therein spaced openings 3 in which the longitudinal strands 4 of the fencing 2 are secured.

Loosely mounted at spaced points in the metallic bars 1 are links 5 of suitable metal. The links 5 of the metallic bars 1 are adapted to be brought into overlapping relation to each other, as also shown to advantage in Fig. 2 of the drawings. The reference numeral 6 designates a metallic coupling rod which is inserted between the overlapping free end portions of the links 5. The rod 6 is removable.

On its upper end, the rod 6 is provided with a head 7. Interposed between the head 7 and the uppermost links 5 on the rod 6 is a comparatively large washer 8. The lower end portion of the rod 6 is threaded, as at 9, and mounted thereon is a nut 10. A washer 11 is provided on the rod 6 between the nut 10 and the lowermost links 5.

It is thought that the manner in which the connection functions will be readily apparent from a consideration of the foregoing. It will be understood that rolls of woven fence wire are usually sold with no means for connecting the ends. The longitudinal strands 4 of the fencing 2 are inserted in the apertures 3 and twisted on themselves. After being thus mounted on the fencing, the bars 1 are ordinarily left thereon. Now, to connect the ends of the wire 2, the links 5 of the bars 1 on each length of said wire 2 are brought into overlapping relationship and the rod 6 is inserted therethrough. The washer 11 and the nut 10 are then mounted on the lower end portion of the rod 6. Of course, the elements 7, 8, 10 and 11 prevent accidental withdrawal of the rod 6 from the links 5. When it is desired to take the fencing down it is only necessary to remove the nut 10 and washer 11 and withdraw the rod 6 from the links 5, after which the wire may be conveniently rolled into neat, compact rolls without injuring the hands and also without the necessity of cutting off any of the wire.

As illustrated to advantage in Fig. 1 of the drawings, the other ends of the lengths of woven fence wire 2 may be conveniently and detachably connected to corner or gate posts 12 through the medium of metallic hooks 13. In the arrangement shown, the hooks 13 extend through the posts 12 and have threaded thereon anchoring nuts 14. The hooks 13 are engageable in the links 5 on the bars 1.

It is believed that the many advanatages of a wire fencing connection constructed in accordance with the present invention will be readily understood and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction and in the combination and arrangement of parts may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

A fence comprising, in combination, a pair of posts, hooks extending through said posts, lengths of woven wire mounted between the posts, metallic bars mounted on the ends of said lengths of wire, links loosely mounted on the bars on the inner ends of the lentghs of wire adapted to extend in overlapping relation to each other, a removable rod extending through the overlapping portions of said links for coupling said links and connecting the lengths of said wire, means on the end portions of the rod for retaining same in the links, a plurality of spaced links on the bars on the outer ends of the lengths of wire engaged in the hooks, and nuts threadedly on the shanks of the hooks and engaged with the posts, said nuts constituting means for securing the hooks in the posts and for adjusting said hooks for tightening the lengths of wire.

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