June 9, 1953 I. A. DUKE 2,641,448

FENCING POST

Filed Sept. 10, 1951

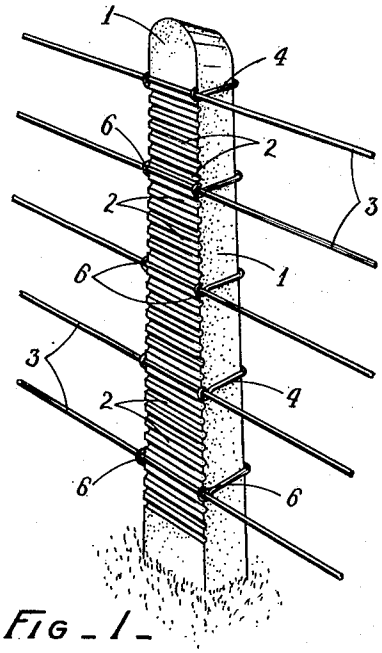


FIG. 1.

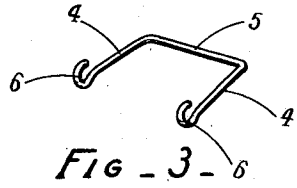


FIG. 3.

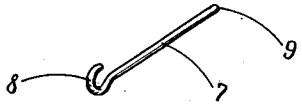


FIG. 4.

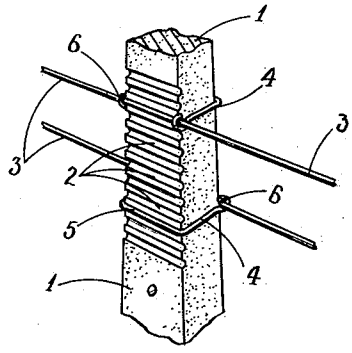


FIG. 5.

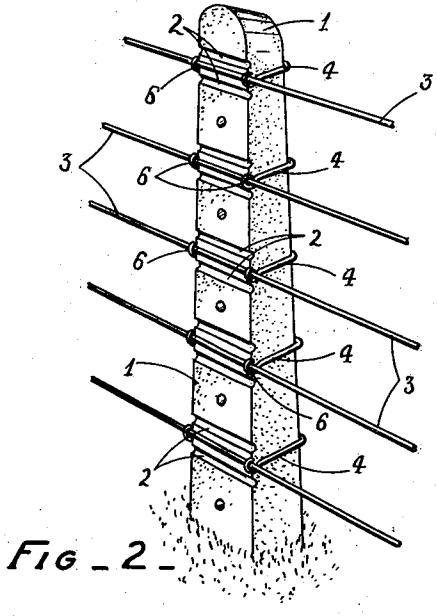


FIG. 2.

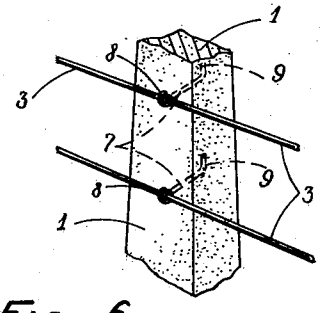


FIG. 6.

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FENCING POST

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5 Claims. (Cl. 256—48)

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This invention relates to the art of fencing including fencing posts intended for use in supporting wire strand fences, and more particularly to fencing posts made of a pre-cast material.

In fences of this kind, the number of strands of wire forming the fence is usually limited to the number of staples or holders set in the posts at the time of making or casting, and no provision is made for the attaching of extra strands of wire as required or for the adjustment of the distance apart, of wire strands, in an erected fence.

It is the object of this invention to overcome such disadvantages by providing in a fence a fencing post wherein supports for wires can be added and adjusted as to positions after the post is formed by having the exterior of the post formed to provide for positioning of the wires.

According to this invention a fencing post is arranged to support fencing wires, the post having an exterior surface provided with corrugations or recesses arranged transversely across one or more of its exterior surfaces, so that strands of wire forming a fence are supported and secured in desired vertical relationship on the post and can be adjusted in desired corrugations or recesses.

The invention will be further described with reference to the accompanying drawing which shows two embodiments of the invention wherein:

Figure 1 is a perspective view of a fencing post having a corrugated or recessed exterior surface,

Figure 2 is a perspective view of a fencing post having corrugations or recesses in sets or series with holes for additional supporting means for the strands of wire,

Figure 3 is a band or wire clip for supporting and securing a strand of wire,

Figure 4 is an additional supporting means used in holes in a fencing post,

Figure 5 illustrates another way of using the band or wire clip of Figure 3, while

Figure 6 illustrates the use of the additional supporting means in a hole through a fencing post.

Referring to the drawings the invention includes an elongated fencing post 1 having at least one flat face having a plurality of corrugations or recesses 2 which extend transversely across the same. By placing, supporting and securing strands 3 of wire in or in relation to the corrugations or recesses 2 then the strands 3 of wire can be situated and adjusted in desired vertically spaced relationship on the post 1.

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The wire strands 3 forming the fence are adapted to be retained in the corrugations or recesses 2 by supporting and securing members that are fitted around the post 1 and include means for engaging and holding the wire strands 3 so that the wire strands 3 are held in place in a selected number of the respective corrugations or recesses 2.

As shown in Figures 3 and 5 the securing means may be in the form of bands or wire clips 4 for encircling the posts by passing partly around the same, and the bands or wire clips 4 may be provided with straight portions or backs 5, which enter and engage in the bases of the corrugations or recesses 2 to retain the bands or wire clips 4 in any desired corrugations or recesses 2 according to selected positions to give desired vertical relationship to the strands 3 of wire. Obviously, and as shown in Figure 5, the back portions 5 of a band or clip 4 can be entered and engaged in the base of a corrugation or recess 2.

The means for engaging and holding a wire 3 to the securing means such as bands or wire clips 4 may be formed in the latter's free ends such as by hooks 6 formed in such ends. Such hooked ends 6 are preferably upturned and open so that a wire 3 of a fence can be entered and caught therein to support and hold up the wire 3.

If desired the corrugations or recesses 2 may be formed to enable extra wires to be added to a fence when desired, and as shown in Figures 2 and 4 and 6 the corrugations or recesses 2 may be formed in sets or series upon one surface of a post so that the spacing of the wires 3 may be varied as desired. The corrugations or recesses 2 are formed to retain the band or wire clips 4 which are held into the corrugations and recesses 2 by the weight and tension of the wires 3 of the fence. Thus by relieving such weight on the bands or wire clips 4 allows them to be moved to other corrugations or recesses 2.

Referring to Figures 4 and 6 an additional supporting means is provided by a staple 7 having a hooked end 8 for a strand of wire 3 and the other end 9 turned up to secure the staple 7 to a post 1 as shown n Figure 6.

It will therefore be clearly seen that the present invention provides in a fencing arrangement an elongated post 1 having at least one flat face extending longitudinally thereof. The post is provided with a plurality of mutually closely spaced grooves 2 extending transversely of only the flat face as particularly shown in Figures 1 and 5. Mutually spaced fence wire members 3 are arranged in vertically spaced relationship

along the post and in contact therewith. Securing members, including the portion 5, the two legs 4 and having hooked ends 6, encircle each post of the fence with the hooked ends engaging a wire member on opposite sides of the respective posts. One of each of the mutually engaged wire and securing members, that is either the portion 5 or the mutually engaged fence wire 3, lie in only a selected number of said grooves 2, thus providing an arrangement in which the vertical spaced relationship between adjacent wire members 3 may be varied or additional wire members 3 may be added without modifying the post. With particular reference to Figures 1 and 5, the spacing between the grooves 2 is such that they are spaced from one another by a distance corresponding at least to the diameter of one of the wire members 3.

It will be understood that the improvements as described are particularly adapted to posts formed from concrete or like setting material, but this invention is not so limited and the invention may be used with posts of material such as wood.

What I do claim and desire to obtain by Letters Patent of the United States of America is:

1. In a fence, an elongated post having at least one flat face extending longitudinally thereof, said post having a plurality of mutually closely spaced grooves extending transversely of said flat face only, mutually spaced fence wire members contacting said post, securing members encircling said post and each engaging a wire member on opposite sides of its respective post, and one of each mutually engaged wire and securing members lying in only a selected number of said grooves whereby the spacing of the wire members may be varied and additional wire members may be added without modifying said post.

2. In a fence as claimed in claim 1, and the grooves being spaced from one another by a distance at least corresponding to the diameter of one of the wire members.

3. In a fence as claimed in claim 1, and the fence wire members lying in a selected number of said grooves.

4. In a fence as claimed in claim 1, and at least one of the securing members lying in a selected groove.

5. In a fence as claimed in claim 1, and the grooves extending transversely of said flat face throughout the major portion of the length thereof.

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