W. C. KRAMER, JR.

WIRE FASTENER.

APPLICATION FILED FEB. 10, 1910.

970,722. Patented Sept. 20, 1910.

Fig. 1.

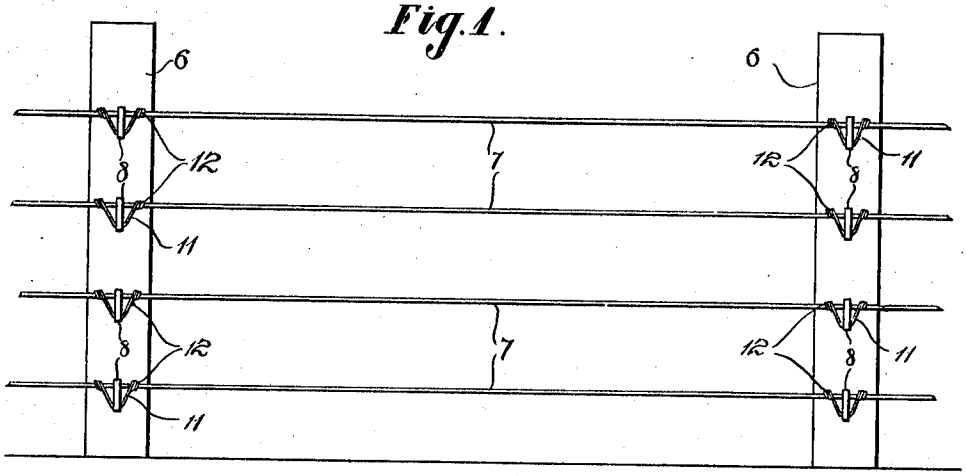


Fig. 2.

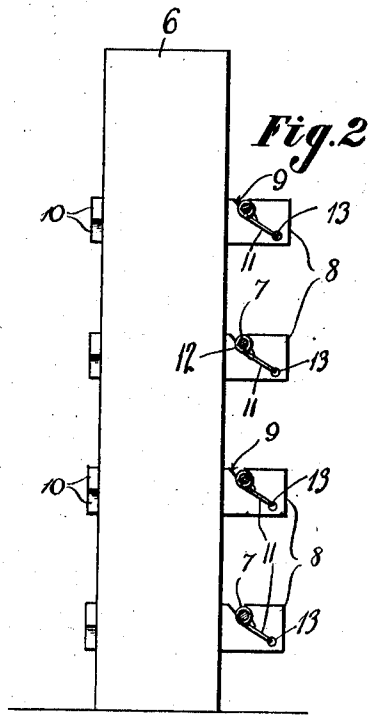


Fig. 3.

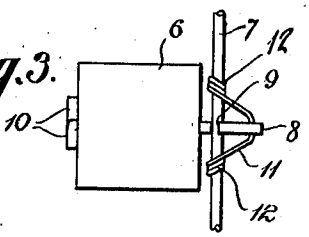


Fig. 4.

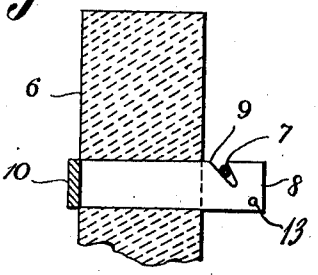
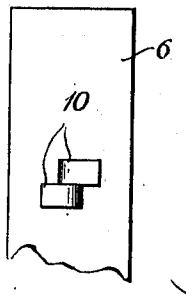


Fig. 5.



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WIRE-FASTENER.

970,722. Specification of Letters Patent. **Patented Sept. 20, 1910.**

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To all whom it may concern:

Be it known that I, WILLIAM C. KRAMER, Jr., a citizen of the United States, residing at Brenham, in the county of Washington, State of Texas, have invented certain new and useful Improvements in Wire-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to the class of wire fasteners and more particularly to that class of wire fasteners employed with metallic or composite fence posts.

The primary object of the invention is the provision of a wire fastener in which a wire in the construction of a fence may be readily and quickly mounted upon a post and securely fastened without possibility of the same becoming loosened or detached when subjected to the ordinary wear and tear on the fence.

Another object of the invention is the provision of a wire fastener in which there is employed a hanger plate adapted to be mounted in a composite or metallic post and which hanger plate is provided with a V-shaped slot receiving a runner wire of a fence whereby the latter may be wedged and securely fastened so as to obviate possibility of it becoming detached.

A further object of the invention is the provision of a wire fastener, which is simple in construction, thoroughly reliable and efficient in operation, and one that is inexpensive in the manufacture.

With these and other objects in view the invention consists in the construction, combination and arrangement of parts hereinafter more fully described, illustrated in the accompanying drawings disclosing the preferred form of embodiment of the invention and pointed out in the claim hereunto appended.

In the drawings: Figure 1 is a front elevation of wire fence employing the invention. Fig. 2 is a side elevation of a fence post with the invention applied thereto. Fig. 3 is a top plan view of a post with the invention applied thereto showing the manner of securing the wire. Fig. 4 is fragmentary vertical longitudinal sectional view through one of the posts. Fig. 5 is a fragmentary rear elevation of one post showing the manner of securing the hanger plate therein.

Similar reference characters indicate corresponding parts throughout the several views in the drawings.

Referring to the drawings by numerals 6 designate fence posts each being preferably formed of cement or other composite material molded or otherwise formed to provide a squared shaped post in cross section area throughout its length, although the said post may be of any other desirable shape should it be deemed desirable. The posts 6 are suitably anchored in the earth so that they will be maintained in spaced vertical relation to each other. At the forward faces of the fence posts 6 are mounted runner wires 7 composing the fence, these wires being secured by wire fasteners as will be hereinafter more fully described. Each wire fastener comprises a hanger plate 8 which is preferably formed of flat or sheet metal cut into elongated rectangular shape which is adapted to be snugly fitted within a suitable aperture or recess formed centrally in the composite post 6 and in the upper edge of this plate 8 is provided a forwardly and downwardly inclined substantially V-shaped slot or notch 9 adapted to receive the runner wires 7 for the mounting thereof at one side of the post which for convenience will be termed the front of the latter.

The rear end of each hanger plate 8 protrudes a slight distance beyond the back of the post and this protruding end is longitudinally slitted centrally to provide bendable tongues 10, the same being bent in opposite directions to each other against the rear face of the post 6 so as to prevent the said hanger plate 8 from being pulled from or otherwise detached from the said post.

At a distance removed from the inner closed end of the slot or notch 9 and in alinement therewith in the hanger plate 8 is provided an opening 13 through which is passed a tie wire or securing strand 11 the latter having its free ends twisted as at 12 about the runner wire 7 at opposite sides of the hanger plate 8 so that the said runner wire 7 will be wedged in the slot 9 in the hanger plate and also securely fastened thereto.

What is claimed is:—

The combination with a composite post, of a plurality of vertically disposed elon-

gated plates, each being embedded within the post for a major portion of its length, whereby opposite ends thereof will protrude beyond opposite faces of the post, each of said plates being bifurcated at one end to provide ears outturned in opposite directions against one face of the post, each plate being provided with a forwardly inclined V-shaped slot in its opposite end and opening through the upper edge thereof for receiving the runner wire, each of said plates being further provided with an opening spaced forwardly from and in alinement with the slot, and a wire member passed loosely through the said opening in each plate and engageable with a runner wire to maintain it in the said V-shaped slot.

In testimony whereof, I affix my signature, in presence of two witnesses.

WILLIAM C. KRAMER, JR.

Witnesses:
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