

J. E. HUSSEY.
FENCE POST.
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1,005,040.

Patented Oct. 3, 1911.

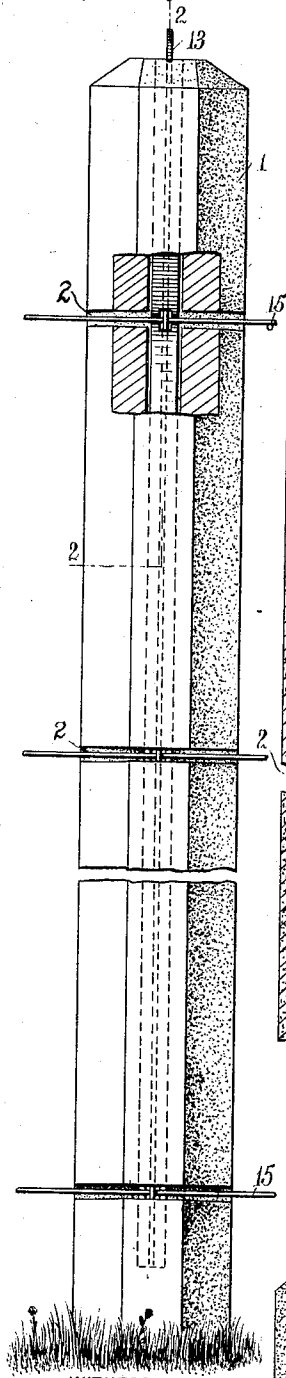


Fig. 1.

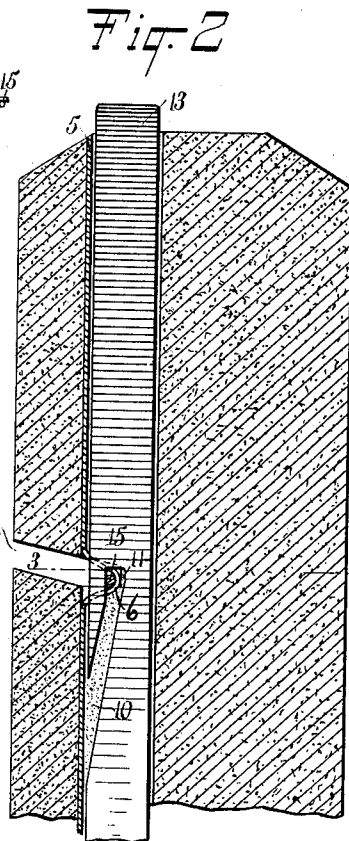


Fig. 2.

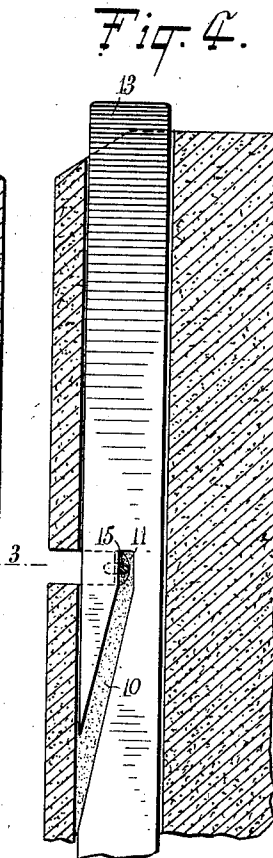


Fig. 4.

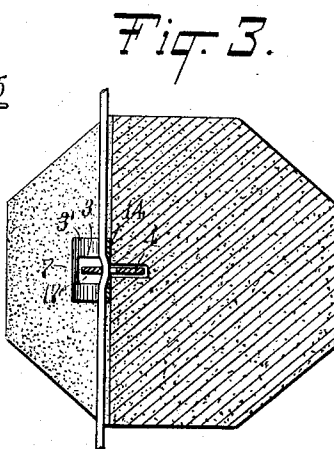


Fig. 3.



Fig. 5.

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FENCE-POST.

1,005,040.

Specification of Letters Patent.

Patented Oct. 3, 1911.

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To all whom it may concern:

Be it known that I, JOHN E. HUSSEY, a citizen of the United States, and a resident of Hammond, in the county of Lake and State of Indiana, have invented a new and Improved Fence-Post, of which the following is a full, clear, and exact description.

This invention relates to improvements in fence posts, and more particularly to a concrete reinforced fence post of that class in which the wires or rods are fastened to the post by an interlocking means.

It has for its object, to provide a means, cheap in construction and the parts of which are readily separated, whereby the post is strengthened at the point where the greatest amount of wear and tear occurs, whereby a neat finished construction is obtained, and whereby a positive connection is made between the wires and the post.

With the above and other objects in view, the present invention consists in the certain novel features of construction and the arrangement of parts hereinafter more fully described, a preferred embodiment of which is contained in the accompanying drawings, and particularly pointed out in the claims.

It is to be understood that various changes in the form, proportion, size and minor details of the device, may be made, without departing from the spirit or sacrificing any of the advantages of the invention.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures, and in which—

Figure 1 is a front elevation of a fence post, showing my invention applied thereto, a part of the post being broken away to show the locking means; Fig. 2 is a vertical sectional view taken through the post on the line 2—2 of Fig. 1; Fig. 3 is a transverse sectional view of the post taken on the line 3—3 of Fig. 2; Fig. 4 is a vertical sectional view showing another embodiment of my invention, in which the reinforcing bar hereinafter referred to is omitted; and Fig. 5 is an enlarged plan view of the locking bar, reference to which will hereafter be made.

The fence post 1, which may be made of wood, metal, concrete, or any other suitable material, is of any desirable configuration as the polygonal shape shown in Fig. 3, but preferably having a flat front face, and

has disposed on its front face a series of transversely-disposed slots 2, sloping downward from the outer face. Extending vertically through the post is a T-shaped opening 3, the head 3' of which communicates with the transverse slots, and the stem of which projects rearwardly toward the center of the post, forming a groove 4 for the locking bar hereinbefore referred to.

As shown in Fig. 2, there is disposed in the head of the T-shaped opening, a plate 5, having a flat raised portion 7 flush with the front of the T-shaped opening 3 and having a series of offset portions 6 disposed flush with the rear of the slot 2 and forming a bearing for the fence wires, thereby taking any strain transmitted by these wires off the post itself. These offset portions of this sheet or plate 5 have vertical slots 17; the series of slots form with the groove 4, a guideway for the reception of the locking bar 8, which bar consists of a flat strip, preferably of metal, having a smooth rear edge 9, and having disposed in the body of said bar, a series of vertically-disposed slots or indentures 11, spaced apart the same distance as the distance between successive members of the series of slots 2, and a series of upwardly-inclined angularly-disposed slots 10 extending from the front edge of the locking bar, thereby forming upon the front face of the locking bar, a series of fingers or tongues 12. The locking bar 8 projects a short distance above the top of the post, in order to form a gripping means 13 to allow the locking bar to be partly or wholly withdrawn from the slot 3, in order to place the fence wires in the slots 10, 11. The slots 11 are so positioned in the bar relative to its front face, that they will extend partially back of the inner face 14 of the head of the T-shaped slot 3, whereby the fence wires 15 will be slightly curved or bent transversely, thereby locking or holding the fence wires against longitudinal movement.

In assembling the fence, the posts are positioned in their desired location, the fence wires 15 are placed in the slot 2 of each post, the locking rod 8 is raised until the slot 10 is in engagement with the slot 2, then wires are passed back into the slot under the tongues 12, and by depressing the locking rod 8, the wires 15 are forced back against the inner face 14 of the T-shaped

slot until the wires rest in the longitudinal slots 11, thereby firmly locking the wires in position between the edge of the slots 11 and the inner face of the slots 2, as shown in Fig. 4, or against the depressed portions of the plate 5, as shown in Fig. 3. Further, the inclined face of the tongue 12 constitutes a wedge to force the wires 15 against the bottom of the slot 3, if the wires should for any reason not be positioned in the slot 11. The slots 2 may then be filled with any material, preferably in the case of concrete posts, with the plastic material of which the post is composed, thereby forming a rigidly locked wire-fastening and the post having a neat external appearance.

As many changes could be made in the above construction and many apparently widely different embodiments of this invention could be made without departing from the scope thereof, it is intended that all matters contained herein in the above description or shown in the accompanying drawings, shall be interpreted as illustrative and not in a limiting sense. It is also to be understood that the language used in the following claims is merely intended to cover all the generic and specific features of the invention herein described and all statements of the scope of the invention, which, as a matter of language, might be said to fall therebetween and that materials, sizes and relativities of parts are nonessential, except as called for in the claims.

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

1. In a fence post having transversely-disposed slots, fence wires disposed in said slots, and a locking bar movable vertically in said post, said locking bar having tongues with inclined faces adapted to force parts of said wires against the sides of said slots, to place the same under tension, said locking bar having a slot extending longitudinally from said tongue to receive said wire.

2. In a fence post having a transverse

slot, a fence wire, and a locking bar adapted to engage said wire, said bar having an upwardly- and inwardly-inclined slot or indenture extending from the outer face of said bar and having an upwardly-inclined recess opening into said slot to receive the wire, whereby said fence wire is locked between the sides of the upwardly-inclined slot and the face of the transverse slot.

3. In a fence post, a T-shaped vertically-disposed opening, a locking bar disposed in the stem of said opening, tongues on said bar extending into the head of said opening, said tongues having beveled rear edges, and fence wires disposed in the rear of said tongues, whereby the fence wires are fastened between the rear surface of said head and the beveled edge, by a vertical adjustment of the locking bar.

4. In a post construction, a post having a series of transverse slots adapted to receive fence wires, and having a longitudinal opening communicating with said slots, and a plate within said opening having a depressed portion registering with said transverse slots.

5. In a post construction, a T-shaped vertically-disposed opening, a metallic plate disposed in the head of said opening, a longitudinal slot in said plate adapted to register with the stem of said T-shaped opening to form a guideway, and a locking bar disposed in said guideway.

6. In a locking bar for fence construction, a bar having a smooth rear edge and a series of tongues on the front edge formed by a series of longitudinally-extending slots, and a series of angularly-disposed slots or indentures connecting the front face of the bar with said longitudinally-extending slots.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN E. HUSSEY.

Witnesses:

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