E. A. & R. B. MORDEN.

FENCE POST.

APPLICATION FILED JUNE 12, 1914.

1,166,705. Patented Jan. 4, 1916.

Fig. 1.

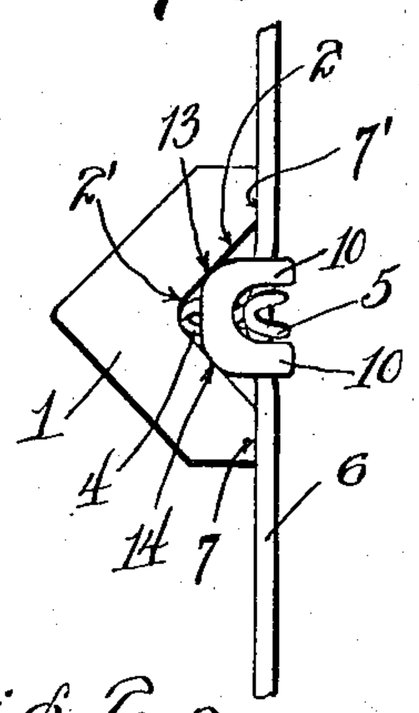


Fig. 4.

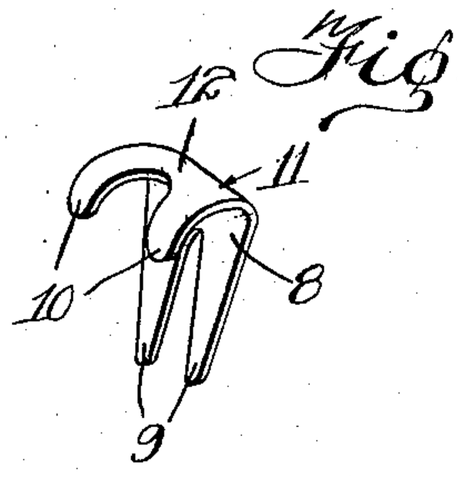


Fig. 2.

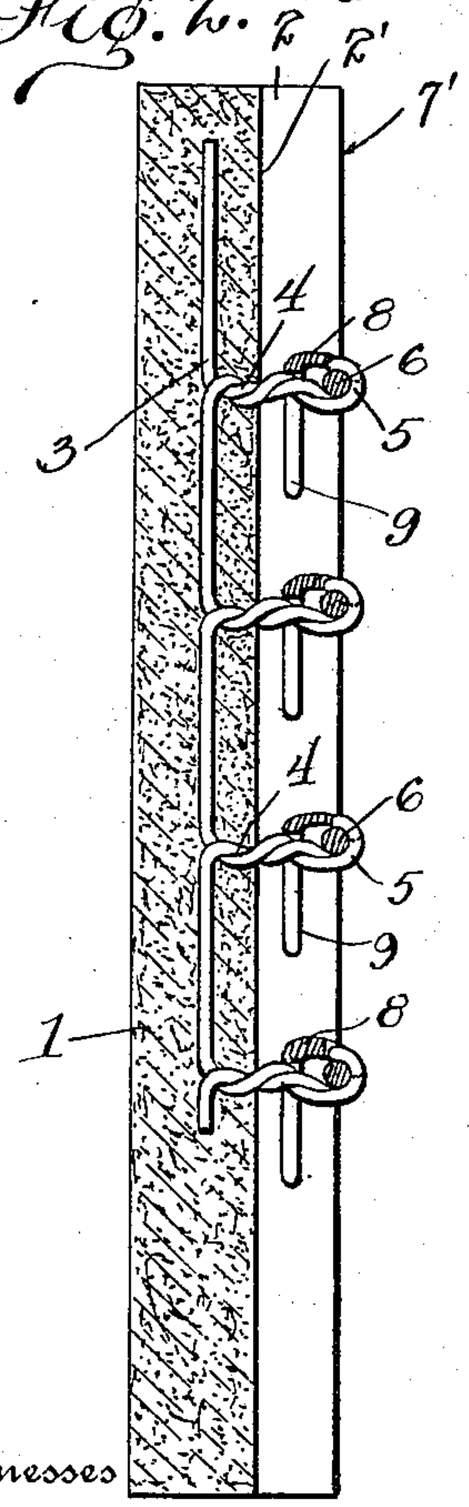
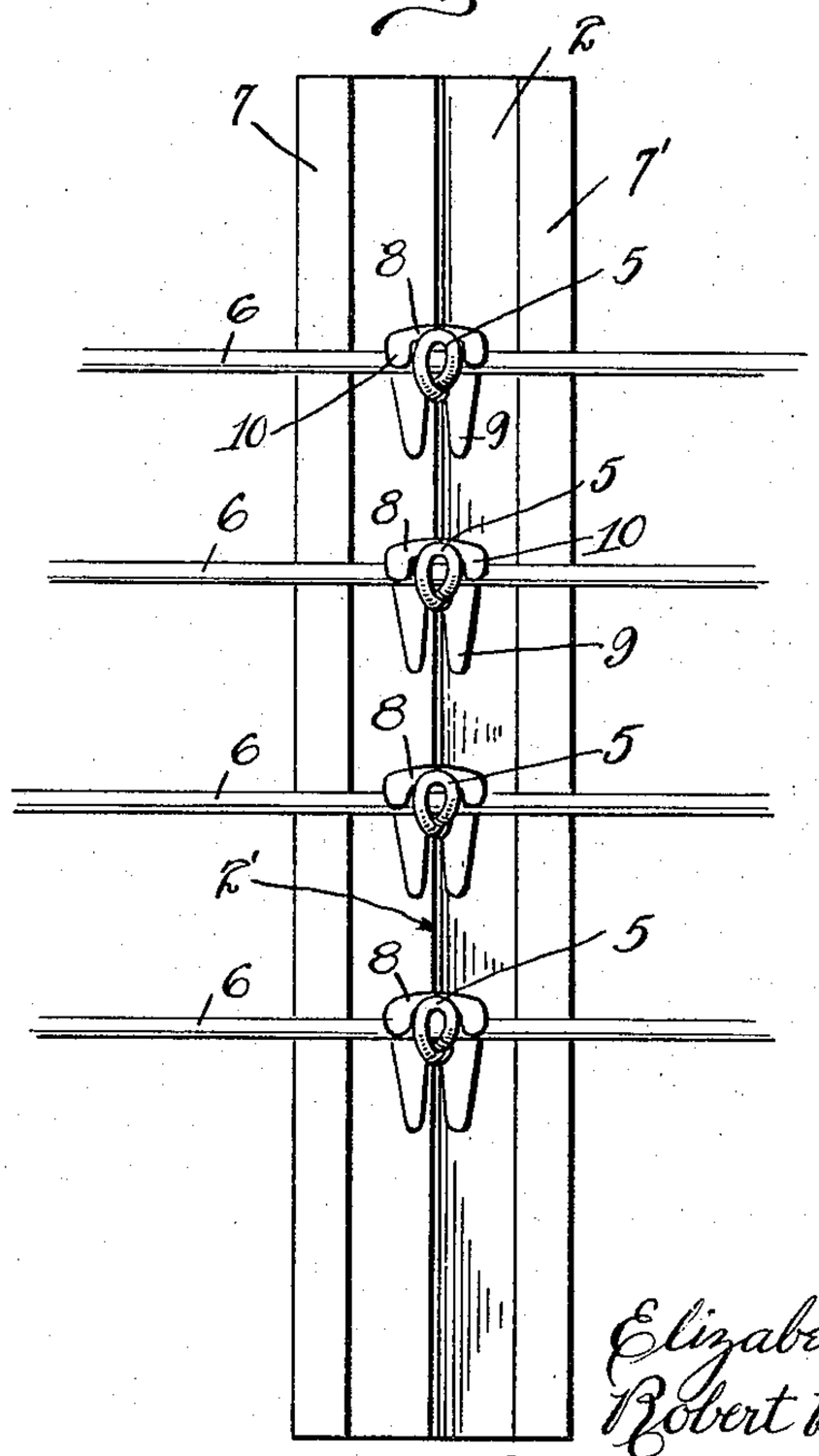


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

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FENCE-POST.

1,166,705. Specification of Letters Patent. Patented Jan. 4, 1916.

Application filed June 12, 1914. Serial No. 844,818.

To all whom it may concern:

Be it known that we, ELIZABETH A. MORDEN and ROBERT B. MORDEN, citizens of the United States, residing at Jefferson, in the county of Greene and State of Iowa, have invented certain new and useful Improvements in Fence-Posts, of which the following is a specification.

This invention relates to fence posts, and more particularly to a means for securing the line wires of a fence thereto.

The object of our invention is to provide a means for securing the line wires of a fence to a post, and also to provide a means integral therewith to reinforce the post.

Another object of our invention is to provide a peculiarly shaped fence post which is particularly adapted to perform the purposes above set forth.

Another object of our invention is to provide a means for effectively locking the wire in position and preventing accidental displacement thereof.

With the above and other objects in view, our invention resides in construction, combination and arrangements of parts as set forth in the following specification, and illustrated in the drawings, in which:—

Figure 1 is a top plan view of a fence post, in which the preferred form of our invention is embodied. Fig. 2 is a longitudinal vertical sectional view of a fence post embodying the preferred form of our invention. Fig. 3 is a front elevation of the same, showing the line wires of the fence secured thereto. Fig. 4 is a detail perspective view of the clip which is used with the preferred form of our invention.

Similar reference characters indicate similar parts throughout the several views of the drawings.

Referring more particularly to the drawings, in which the preferred embodiment of our invention is shown, the numeral 1 indicates a composition fence post having a longitudinally extending recess 2 in one face thereof. In Fig. 1 we have shown a fence post of substantially V-shaped configuration, but it will be readily understood that the fence post may be made square and be provided in one of its faces with the longitudinally extending groove mentioned above.

Extending longitudinally of the fence post 1 is a reinforcing element, which in the present instance comprises a wire strand 3 which is embedded in the composition post and is twisted at predetermined points throughout its length as shown at 4 to provide wire retaining hooks 5. As will be readily seen upon the examination of the drawings, the twisted portions, indicated by the numeral 4, are made in such a manner as will leave the hook portion 5 thereof open in the form of an eye, so that a wide bearing surface is provided on the hooks 5 for securing the wires 6 in position on the fence post 1. As is more clearly shown in Fig. 1, the wires 6, when fastened to our improved fence post, are placed in engagement with the hooks 5, the faces 7 and 7′ of the composition post 1 are adapted to engage the wires 6, the same being slightly bent adjacent the hooks 5, thereby preventing longitudinal movement of the said wires. The twisted portions 4 are preferably extended from the post adjacent the vertex 2′ of the longitudinally extending recess 2, thereby facilitating the fastening of the wires in the hooks.

To prevent the accidental displacement of the wires from the hooks 5, and to positively lock the same therein, we provide a clip 8 clearly shown in Fig. 4. The clip 8 is formed from a sheet of metal, having the ends thereof bifurcated to provide tongues 9 and 10, the said sheet of metal bent intermediate its ends, as shown at 11, to provide a hook portion 12. The said tongues 10 are bent downwardly to provide hooks, the function of the same being set forth hereinafter.

When it is wished to secure a wire on the fence post, the same is placed in the hook 5 and the wire drawn taut. This will secure the wire against the ordinary and usual jars and shocks which may be delivered to the same, but where there is danger of the wires being accidentally displaced, it is preferable that the clip 8 be placed upon the hooks 5 to prevent the displacement of the wires, this feature being shown in Figs. 1, 2 and 3. As clearly shown in these above-mentioned figures, the tongues 9 of the clip 8 are adapted to embrace the twisted portion 4 of the wire retaining means, the opposite bifurcated end, comprising the hook portions 10, is adapted to receive the hooks 5 therein, the edges of the said clip 8 being adapted to contact with the diverging walls of the longitudinally extending recess 2 at the points 13 and 14. Inserting the tongues 9 of the clips 8 behind the wire 6 and over the hooks 5 and

forcing the same downwardly will cause said hook portions 10 to engage the wire and prevent accidental displacement thereof, as well as wedging the tongues 9 for frictionally retaining said clips. In forming the hooks 5, the said wire strand 3 is first twisted at the desired points and the looped portion thereof is bent upon itself to form hooks 5, thus providing a broad bearing surface for the wire as hereinbefore set forth.

While we have shown a specific form of our invention, it will be readily understood by those skilled in the art that certain minor changes may be made in the details of construction, combination and arrangement of parts as will not depart from the spirit and scope of the claims.

Having thus described our invention, what we claim and desire to secure by Letters Patent is:—

1. A composition fence post having a longitudinally extending recess of substantially V-shaped configuration in a face thereof, wire reinforcing means being provided at various points with integrally formed wire retaining members, said members extending from the post and positioned in the recess, and means detachably associated with said wire retaining members and coacting with said groove for locking a wire thereon.

2. A composition fence post having a longitudinally extending V-shaped recess in a face thereof, a reinforcing element in said post, said reinforcing element having wire holding hooks integrally formed therewith and extending from said post within the recess, clips adapted to engage the said wire holding hooks, the edges of said clips contacting with the divergent walls of the said V-shaped recess, whereby to retain the said clips on the said wire holding hooks and prevent disengagement of the wire from the hooks.

3. A composition fence post having a longitudinally extending recess of substantially V-shaped configuration in a face thereof, wire reinforcing means in said post, said reinforcing means being offset and twisted to provide at predetermined points integral wire retaining hooks, said hooks extending from the post and positioned in the V-shaped recess, a plurality of clips associated with each hook and adapted to co-act with the faces of the longitudinally extending recess so as to retain a wire in the hook.

4. A composition fence post having a longitudinally extending V-shaped groove in a face thereof, a reinforcing element in the post having a plurality of offset portions twisted to provide retaining hooks, said hooks disposed in the groove, and means engageable over the hooks adapted to engage the divergent walls of the groove to retain a wire.

5. A composition fence post having a longitudinally extending V-shaped groove in a face thereof, a reinforcing element longitudinally disposed in said post and having offset portions twisted to provide wire retaining hooks at predetermined points, said hooks being disposed in the groove, and retaining clips associated with the divergent walls of the groove and the hooks to retain a wire.

In testimony whereof we affix our signatures in presence of two witnesses.

ELIZABETH A. MORDEN.
ROBERT B. MORDEN.

Witnesses:
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