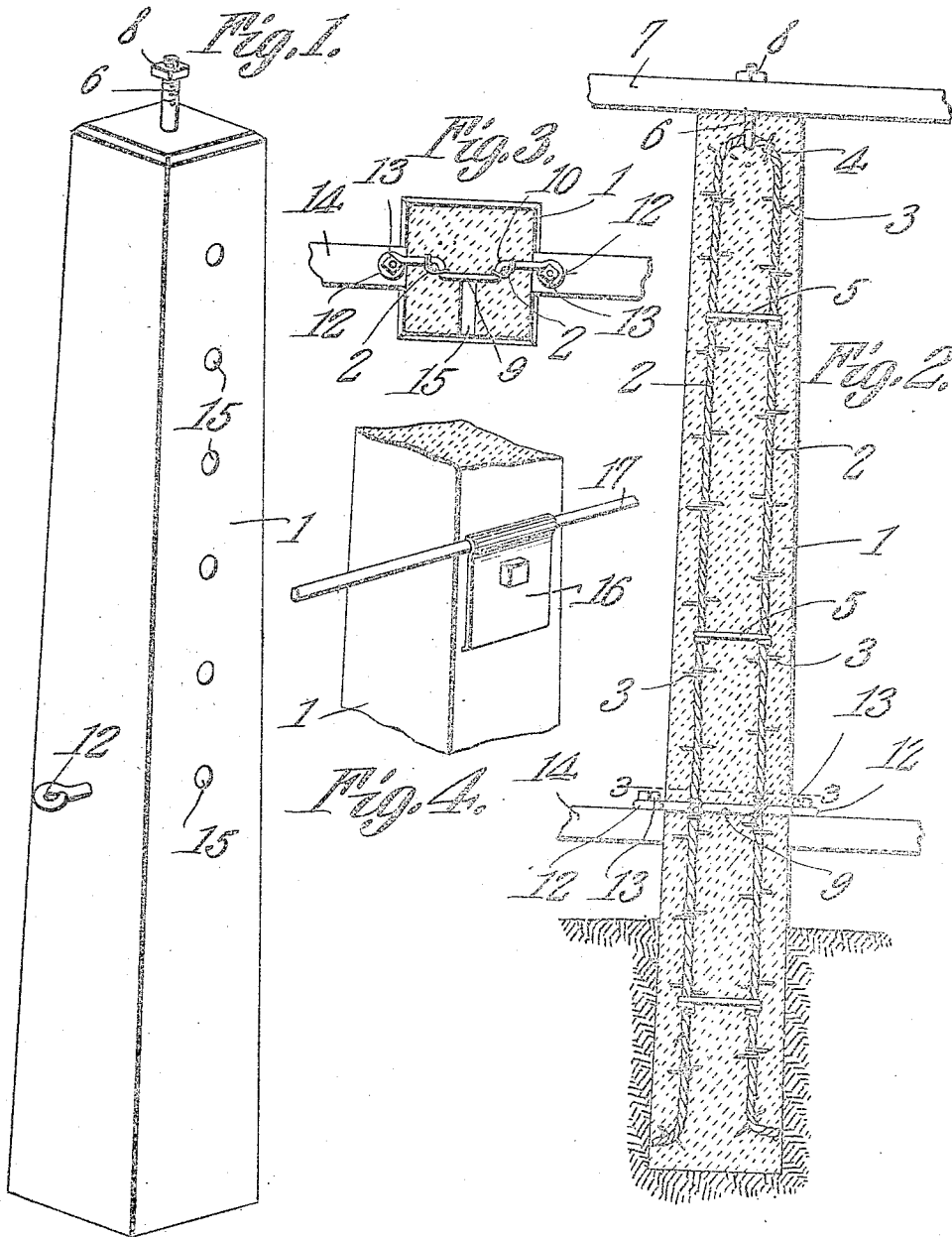


943,648.

W. A. BRYANT.
CONCRETE FENCE POST.
APPLICATION FILED AUG. 2, 1909.

Patented Dec. 21, 1909.



Witnesses

[Signature]
[Signature]

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UNITED STATES PATENT OFFICE.

WILLIAM A. BRYANT, OF WETUMPKA, ALABAMA, ASSIGNOR OF NINE-TWENTIETHS
TO JOHN A. LANCASTER, WALTER W. WILKEN, AND JOHN E. GAMBLE, ALL OF
WETUMPKA, ALABAMA.

CONCRETE FENCE-POST.

943,648.

Specification of Letters Patent. Patented Dec. 21, 1909.

Application filed August 2, 1909. Serial No. 510,394.

To all whom it may concern:

Be it known that I, WILLIAM A. BRYANT, a citizen of the United States, residing at Wetumpka, in the county of Elmore and State of Alabama, have invented a new and useful Concrete Fence-Post, of which the following is a specification.

This invention relates to improvements in concrete fence posts and consists in certain novel features which will be hereinafter fully described and then particularly pointed out in the appended claim.

In the annexed drawings, which fully illustrate my invention, Figure 1 is a perspective view of a fence post embodying my improvements. Fig. 2 is a vertical section of the same showing the rails of a wooden fence secured thereto. Fig. 3 is a horizontal section taken on the line 3—3 of Fig. 2, and Fig. 4 is a detail perspective view illustrating the manner of securing a wire fence to the post.

The post may be of any desired size and shape and is formed in a suitable mold by pouring cement or concrete around a metallic reinforcement so that after the cement has set a stone-like body will be formed in which the metallic reinforcement will be firmly anchored so as to impart to the post the necessary strength. By referring to the drawings it will be noticed that the cement body 1 entirely incloses the metallic reinforcement 2 and that the said reinforcement consists of two strands of wire twisted together and having barbs 3 at intervals, the said barbs forming anchoring points which will firmly secure the reinforcement in its proper place. The reinforcement is placed in the mold substantially in the shape of the letter U, having parallel sides connected at their upper ends by a shoulder 4 and having the sides secured together by tie wires 5 attached to each of the parallel sides and extending between the same so as to form additional anchors within the concrete body. A fastening bolt 6 is attached to the shoulder 4 of the reinforcement and projects upward through the top of the post so as to pass through a railing 7 of a wooden fence, and a nut 8 is mounted on the end of the said bolt and is adapted to be turned home

against the railing so as to firmly secure the railing against the upper end of the post, as will be readily understood.

Near the lower end of the post a tie wire 9 is provided having its intermediate portion bent to provide shoulders 10 adapted to bear against the inner surfaces of the parallel sides of the reinforcement so as to brace the same, and the said tie wire is secured to the reinforcement by means of suitable fastenings 11 so that the reinforcement will in turn serve to prevent the said wire 9 being straightened. This prevents sagging of the fence. The ends of this wire 9 project beyond the sides of the post and are formed into eyes 12 through which suitable fastening bolts 13 are passed to secure the fence rails 14 firmly against the sides of the post.

In the front face of the post are horizontally disposed sockets 15 adapted to receive expansion bolts by means of which clips 16 may be secured firmly against the post, the said clips being adapted to receive and hold the strands 17 of a wire fence. The said strands will be firmly clamped against the post and secured so that the tension of the wires will be taken up by the posts along the line of the fence.

The metallic reinforcement is of such shape that the plastic mixture may be readily poured around the same within the mold and will be reinforced throughout its entire extent. The tie wires effectually prevent spreading of the reinforcement and also act as anchors to firmly embed the reinforcement within the concrete body. The tie wire 9 and the bolt 6 by means of which railings are secured to the post are both firmly embedded in the concrete body and secured to the metallic reinforcement so that their dislodgment is prevented and, consequently, the railings are securely held in position on the post.

The device is extremely simple in its construction, and a further detailed statement of its advantages is deemed unnecessary.

Having thus described my invention, what I claim is:—

The combination of a plastic body, a metallic reinforcement embodied therein and having sides connected by tie wires, and a

shouldered tie wire engaging between the
sides of the reinforcement and having its
shoulders secured thereto and having its
ends projecting through and beyond the
5 sides of the body and provided with open-
ings whereby said ends may be secured to a
fence rail.

In testimony that I claim the foregoing
as my own, I have hereto affixed my signa-
ture in the presence of two witnesses.

WILLIAM A. BRYANT.

Witnesses:

F. LOYD TATE,

JOHN F. TATE