No. 883,005. PATENTED MAR. 24, 1908.

J. H. DODDRIDGE.

POST.

APPLICATION FILED AUG. 17, 1907.

Fig. 1.

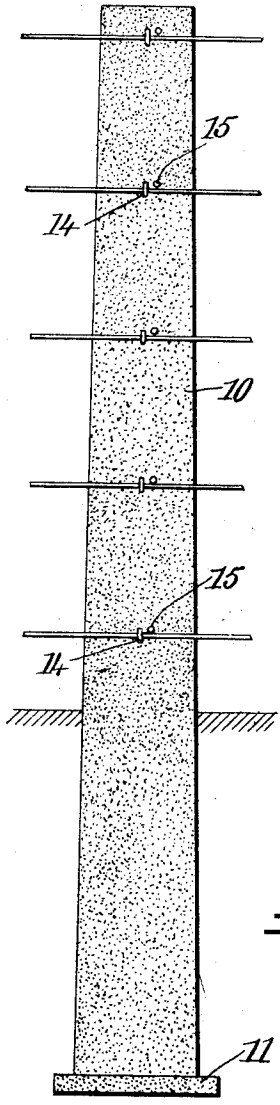


Fig. 2.

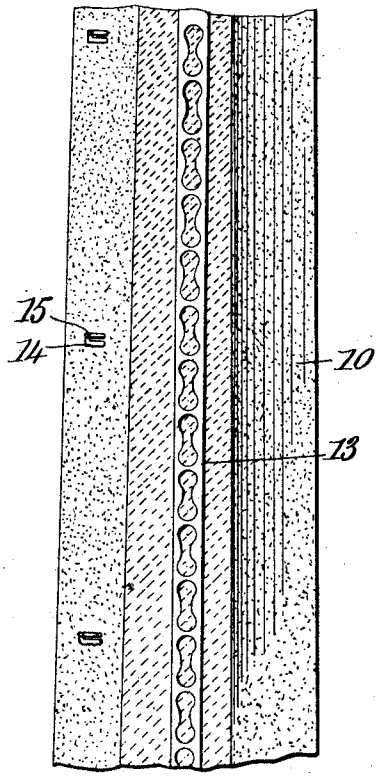


Fig. 3.

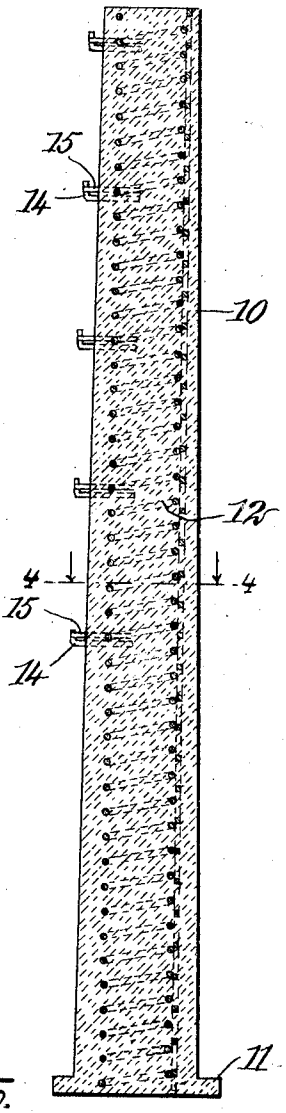


Fig. 6.

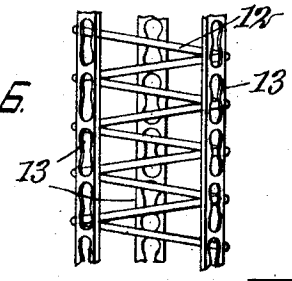


Fig. 4.

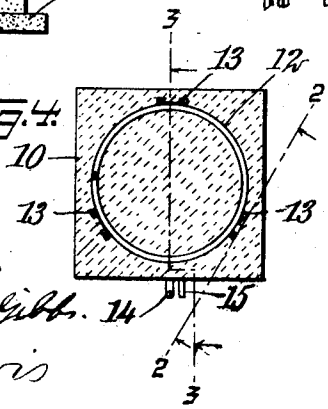
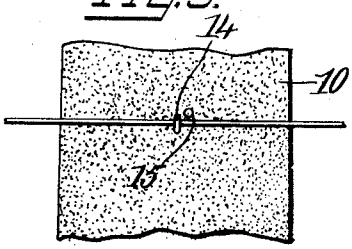


Fig. 5.



WITNESSES

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POST.

No. 883,005. Specification of Letters Patent. Patented March 24, 1908.

Application filed August 17, 1907. Serial No. 389,032.

To all whom it may concern:

Be it known that I, JOHN H. DODDRIDGE, a citizen of the United States, and a resident of Vincennes, in the county of Knox and State of Indiana, have invented new and useful Improvements in Posts, of which the following is a full, clear, and exact description.

This invention has in view the provision of an improved fence post which is constructed of cement, artificial stone or other like material, and is reinforced in a manner to effectively resist the strains to which a post is ordinarily subjected. The post also provides for the attaching of fence wires thereto by engaging the same in a side-wise direction, and the wires when so engaged are freely movable in the direction of their length, whereby they may be easily stretched and expand and contract.

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 views.

Figure 1 is a side elevation of my improved post, illustrating the manner in which the wires are secured thereto; Fig. 2 is a vertical sectional view on an enlarged scale on the line 2—2 of Fig. 4; Fig. 3 is a vertical sectional view of the post on the line 3—3 of Fig. 4; Fig. 4 is a cross section of the post on the line 4—4 of Fig. 3; Fig. 5 is a fragmentary side view of the post on an enlarged scale; and Fig. 6 is a fragmentary view of the reinforcing which is embedded in the post.

My improved fence post as preferably constructed comprises a body 10 of cement, artificial stone or other like material, the said body being of angular cross section and slightly tapered in the direction of its length with the enlarged portion thereof arranged at its lower end, where is also provided a flange 11, which serves to anchor the post and prevent it from being lifted out of the ground by freezing or thawing or by the tension of the fence wires at the foot of a hill or where the ground is uneven and depressed.

The body of the post is reinforced throughout its length by a helical coiled wire or rod 12, which is centrally embedded in the post, and by longitudinal perforated bars 13, which are equally spaced about and in contact with the outside of the coil. The perforations in these bars, as best shown in Fig. 6, are oblong and admit of the cement forming a bond at intervals with the coil.

At one side of the post are arranged in vertical alinement means for attaching the fence wires, each of which consists of a short wire or rod 14 embedded in the post and having an upwardly-turned outer extremity which is spaced a short distance from the face of the post, and a short wire or rod 15 embedded in the post in substantially horizontal alinement with, and at one side of the upwardly-turned end of the rod 14. By this construction it is apparent that the wires may be engaged by inserting them in a side-wise direction when turned approximately in a vertical direction but cannot be disengaged when placed under tension. The wires, it will further be observed, when attached to the post are free for stretching as also for expansion and contraction.

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

A fence post comprising a composition body having perforated reinforcing bars located therein and extending in the direction of the length of the body, and a helical coil arranged longitudinally in the body contiguous to said bars with the convolutions crossing the perforations therein, whereby the composition of the body forms a bond between the bars and coil through said perforations.

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

JOHN H. DODDRIDGE.

Witnesses:

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RUSH C. DENISON.