

No. 723,013.

PATENTED MAR. 17, 1903.

W. A. NOBLE.

POST.

APPLICATION FILED APR. 28, 1902

NO MODEL.

Fig. 1.

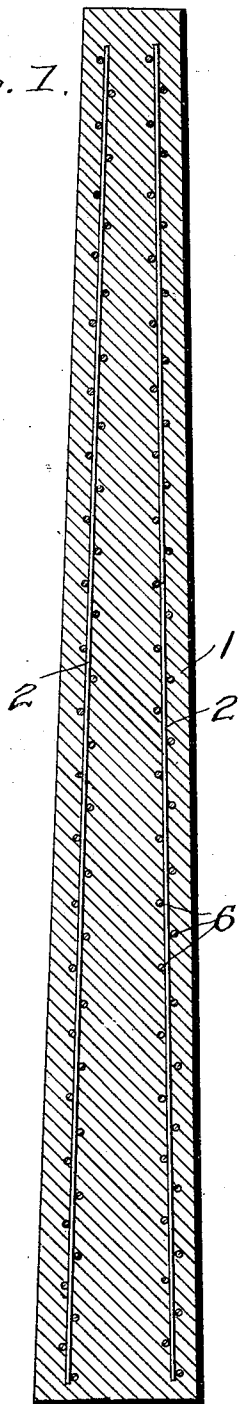


Fig. 2.

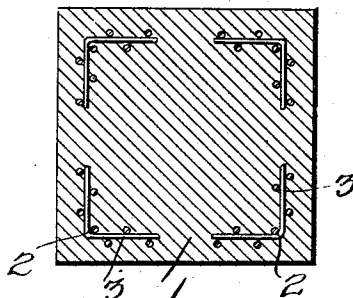
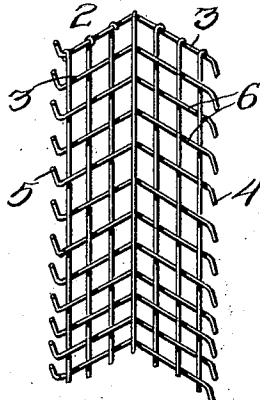


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM A. NOBLE, OF HILLSDALE, MICHIGAN.

POST.

SPECIFICATION forming part of Letters Patent No. 723,013, dated March 17, 1903.

Application filed April 28, 1902. Serial No. 105,099. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. NOBLE, a citizen of the United States, residing at Hillsdale, in the county of Hillsdale and State of Michigan, have invented a new and useful Post, of which the following is a specification.

The invention relates to improvements in posts.

10 The object of the present invention is to improve the construction of posts constructed of cement or other plastic material, more especially the means for bracing and supporting a post to prevent the same from cracking
15 or chipping off at the edges, and to provide a simple, inexpensive, and efficient corner-brace adapted to be readily applied to cement posts and capable of supporting the same and of binding the material together and of preventing any vibration should the post be subjected to a blow.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated
25 in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a vertical sectional view of a post provided with braces constructed in accordance with this invention.
30 Fig. 2 is a horizontal sectional view. Fig. 3 is a detail perspective view of a portion of one of the corner-braces.

Like numerals of reference designate corresponding parts in all the figures of the drawings.
35

1 designates a fence-post constructed of cement, artificial stone, or other plastic material and provided with corner-braces 2; but it will be readily apparent that the latter are
40 also applicable to various other kinds of posts. The corner-braces, which are embedded in the post, are arranged adjacent to the corners thereof, as clearly shown in Fig. 2 of the accompanying drawings, and they consist of
45 flanges or wings 3, arranged at right angles to each other and consisting of vertical and horizontal wires woven together, as shown, the wires being preferably arranged to form large interstitial spaces to permit the cement
50 to pass readily through the braces; but it will be readily apparent that finely-woven wire-cloth or any other form of woven wire may be employed for this purpose. The wings or

flanges are arranged parallel with the faces of the post, and the ends 4 and 5 of the horizontal wires 6 are extended in opposite directions to form arms, the ends 4 being bent downward and the ends 5 being bent upward, as clearly shown in Fig. 3. The angle-braces when constructed of woven wire are adapted
60 to firmly support and bind the plastic material, and they are not resilient and will not vibrate or respond to a blow similar to a metal bar, so that there will be no liability of the cement or other plastic material cracking or
65 breaking away from the braces should the post be subjected to a blow or a severe strain. The corner-braces preferably extend substantially the entire length of the post, and they are spaced apart to provide central transverse spaces to enable perforations to be
70 formed in the post and also to permit fastening devices to be embedded in the post for attaching fence-wires or wire fencing.

It will be seen that the woven-wire corner-braces are exceedingly simple and inexpensive in construction, that they are adapted to be readily applied to a fence-post of plastic material, and that they are capable of firmly supporting and bracing the same and
80 of binding the plastic material. It will also be clear that the woven-wire braces will not vibrate or respond to a blow and will not cause the cement or other plastic material to break away from them through such causes.
85

What I claim is—

A fence-post comprising a cement body portion and corner bracing members embedded therein, said bracing members consisting of a wire fabric composed of longitudinal strands
90 extending from end to end of the post and interwoven transverse strands bent at right angles to lie parallel with the adjacent side faces of the post, and having their ends extended beyond the body of the fabric with
95 their terminals angularly bent to form anchors; whereby the members are prevented from yielding in any direction and serve to securely brace and strengthen the post.

In testimony that I claim the foregoing as
100 my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM A. NOBLE.

Witnesses:

ARTHUR L. GUERNSEY,
CHARLES F. MORLOCK.