No. 771,432. PATENTED OCT. 4, 1904.

J. F. MARTIN.

CORE FOR PLASTIC POSTS.

APPLICATION FILED APR. 18, 1904.

NO MODEL.

Fig. 1.

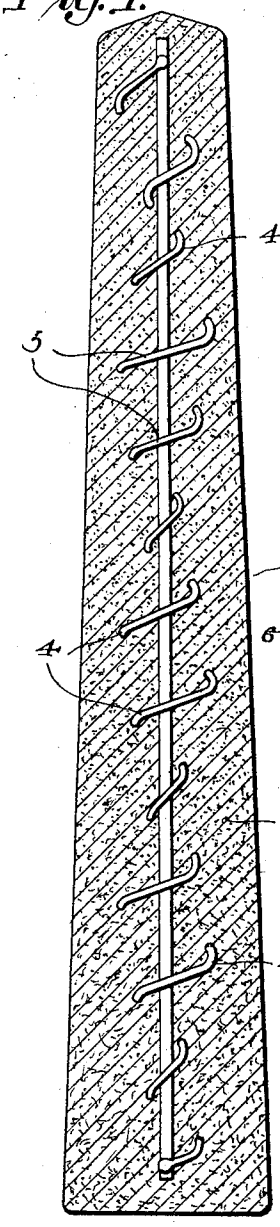


Fig. 2.

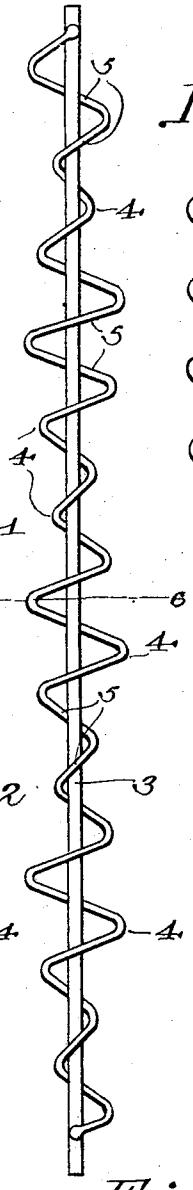


Fig. 3.

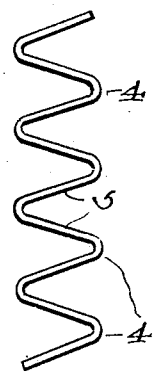
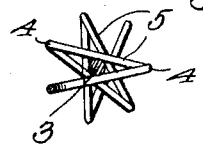


Fig. 4.



Witnesses

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No. 771,432. Patented October 4, 1904.

UNITED STATES PATENT OFFICE.

JOHN F. MARTIN, OF MARSHALL, MICHIGAN.

CORE FOR PLASTIC POSTS.

SPECIFICATION forming part of Letters Patent No. 771,432, dated October 4, 1904.

Application filed April 18, 1904. Serial No. 203,756. (No model.)

To all whom it may concern:

Be it known that I, JOHN F. MARTIN, a citizen of the United States, residing at Marshall, in the county of Calhoun and State of Michigan, have invented a new and useful Core for Plastic Posts, of which the following is a specification.

My invention relates to fence-posts, and especially to an improved strengthening member or core designed to be embedded in a cement or other artificial-stone post for bracing and strengthening the same, and has for its objects to produce a comparatively simple inexpensive device of this character which when embedded in the material forming the post will be securely anchored or fixed against longitudinal movement relative to the latter.

To these ends the invention comprises the novel features of construction and combination of parts, more fully hereinafter described.

In the accompanying drawings, Figure 1 is a sectional elevation of a post having the strengthening member embedded therein and illustrating one form of embodiment of the invention. Fig. 2 is an elevation of the member removed. Fig. 3 is a detail elevation of the crimped wire previous to insertion of the body therethrough. Fig. 4 is a detail sectional plan on the line 6 6 of Fig. 2.

Referring to the drawings, 1 designates the body of the post, molded or otherwise formed from cement or other artificial stone, and 2 the improved strengthening member or core embedded therein. This member, as illustrated in Fig. 2, comprises a body portion or rod 3 and a series of engaging members or projections 4, disposed at spaced intervals throughout the entire length of the rod 3 and arranged substantially transversely of the rod to project laterally therefrom. These engaging members 4 serve, when the core is embedded in the post, which is accomplished by placing the core in the mold prior to filling the latter with the plastic material, to engage the material of the body and firmly and securely anchor the core therein against relative longitudinal movement, it being apparent that this anchoring of the core will be unusually effective owing to the uniform distribution of the projections throughout the entire length of the core.

The projections 4 are produced upon the core (shown in Fig. 2) by means of a suitable length of wire or analogous material crimped or bent alternately back and forth upon itself, as illustrated in Fig. 5, and through the crimps or bends of which the body portion 3 is inserted with the angularly-disposed connecting portions 5 of the crimps or bends lying alternately on different sides of the rod, the terminals of said wire being welded or otherwise fixedly attached to, or permanently and inseparably united with, the terminals of the rod.

From the foregoing it will be seen that I produce a simple inexpensive device admirably adapted for the attainment of the ends in view, it being understood that minor changes in the details herein disclosed may be made without departing from the spirit of the invention.

Having thus described the invention, what is claimed is—

1. A core for artificial-stone posts comprising a length of material crimped back and forth upon itself and a rod inserted longitudinally through and in permanent contact with the crimped material, portions of the latter being designed to bear on different sides of the rod and produce laterally-projecting engaging portions arranged at spaced intervals throughout the length of the rod.

2. A core for artificial-stone posts comprising a length of material crimped back and forth upon itself and a rod inserted longitudinally through and in permanent contact with the crimped material, portions of the latter being designed to lie upon different sides of and produce laterally-projecting engaging portions upon the rod, the ends of the crimped material being permanently united with the rod.

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

JOHN F. MARTIN.

Witnesses:

C. E. GORHAM,

LOUIS S. JOY.