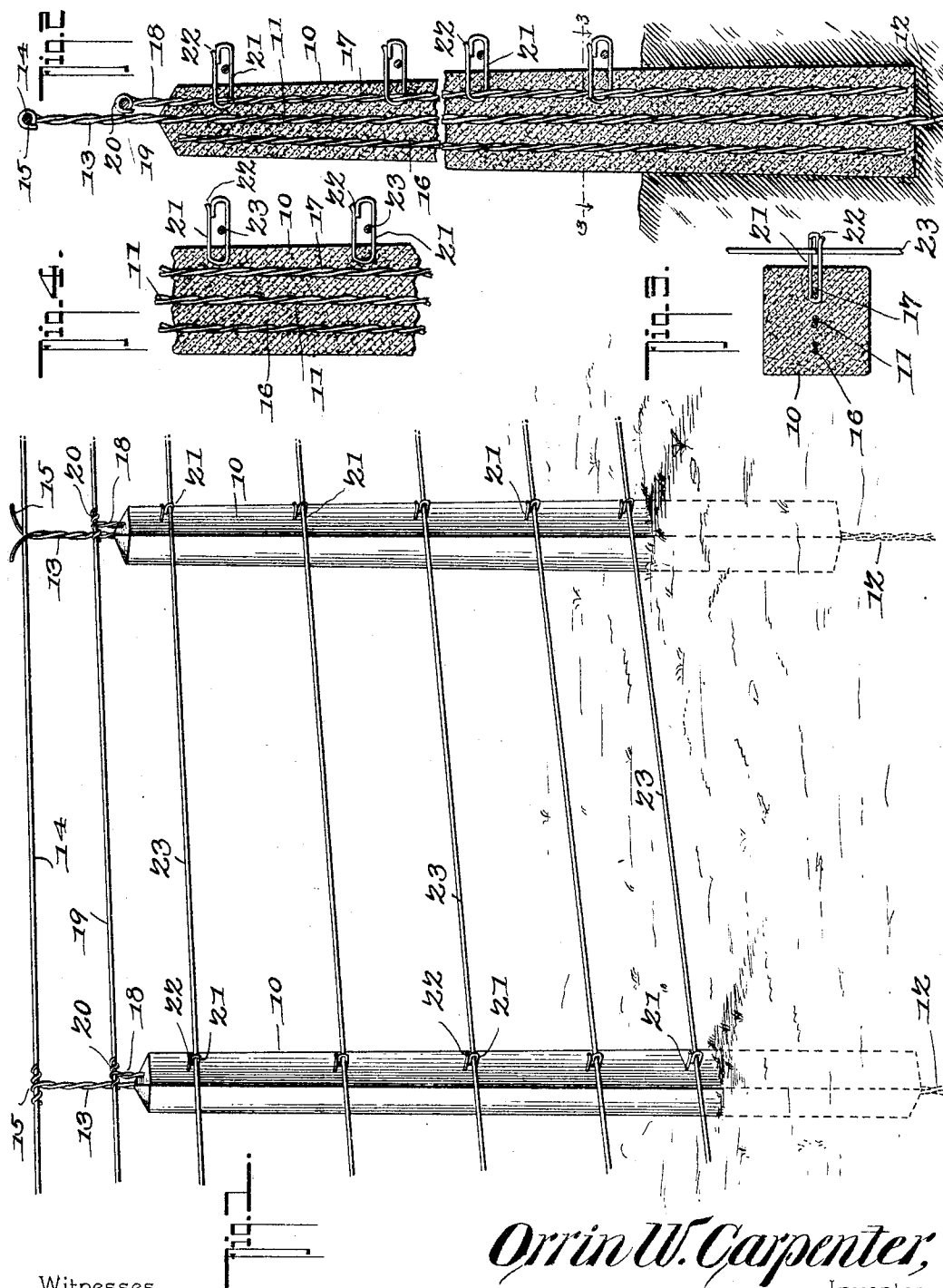


No. 800,265.

PATENTED SEPT. 26, 1905.

O. W. CARPENTER.
FENCE POST.

APPLICATION FILED JAN. 19, 1905.



Witnesses
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UNITED STATES PATENT OFFICE.

ORRIN W. CARPENTER, OF COON RAPIDS, IOWA.

FENCE-POST.

No. 800,265.

Specification of Letters Patent.

Patented Sept. 26, 1905.

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To all whom it may concern:

Be it known that I, ORRIN W. CARPENTER, a citizen of the United States, residing at Coon Rapids, in the county of Carroll and State of Iowa, have invented a new and useful Fence-Post, of which the following is a specification.

This invention relates to fence-posts formed of concrete or like material, and has for its object to improve the construction whereby the strand-wires or other parts of the fence are connected and supported.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings thus employed, Figure 1 is a perspective view of a portion of a fence with the improved posts and fastening means embodied therein. Fig. 2 is a longitudinal sectional elevation of one of the improved posts and fastening means enlarged. Fig. 3 is a transverse section on the line 3 3 of Fig. 2. Fig. 4 is a sectional detail illustrating a modification in the fastening means.

The improved post comprises a body portion 10, of concrete or like material, and provided with a core member 11, composed of two or more wires entwisted about each other and embedded in the body member when in a plastic state and extended below the lower end of the body member, as at 12, and also extended, as at 13, above the body member. The portion 12 will be extended far enough to reach into the soil in which the post is embedded a sufficient distance to form a conductor or for grounding electric currents which may be imparted to the core member 11, and the upper end of the portion 13 of the core will be divided for receiving the upper strand-wire 14 of the fence and secured by coiling about the same, as at 15. Spaced core members 16 17 are embedded in the body portion 10, each composed of two or more wires twisted about

each other, with the member 17 extending above the body portion 10, as at 18, and divided for receiving the second strand-wire 19 of the fence and coiled about the same, as at 20. Embedded in the body portion 10 are loops 21, extending beyond the same with the ends overlapping, as at 22, exteriorly of the body portion and forming "snaps" to receive the remaining strand-wires 23. The strand-wires 23 may thus be snapped into the loops when the fence is erected and will firmly hold the members in position, while at the same time permitting them to be strained longitudinally to secure the requisite stability of the fence.

The loops 21 may be arranged to embrace the core member 17, as in Figs. 2 and 3, or embedded in the body portion only, as in Fig. 4, as may be required.

The core members 11 17 will be of relatively stiff wire, preferably of spring-steel, to be sufficiently rigid to support the strand-wires 14 19 and prevent the deflection or displacement of the upper portion of the fence under lateral strains.

By this arrangement the body portion 10 may be of less length than the ordinary post, thus saving materially in the amount of concrete required to construct the fence, which amounts to considerable in the aggregate when constructing relatively long fences.

The body portions may be of any size or length and of any proportions and molded in any desired shape or contour.

The cost of construction is thus materially reduced and danger of damage from lightning obviated, as the upper strand-wires serve as a continuous lightning-conductor, from which the currents will be conveyed at comparatively short intervals by the stay members or cores 11, which thus become branch conductor members. The electric currents will thus be absorbed and distributed uniformly throughout the whole length of the fence and danger from damage therefrom is obviated.

Having thus described the invention, what is claimed is—

1. A fence-post comprising a continuous concrete body having a longitudinal core of two or more wires twisted about each other and extending beyond the ends of the body with the upper ends of the core-wires divided for receiving the upper strand-wire of the fence and coiled around the same, and spaced core members formed of two or more wires

twisted about each other with one of said spaced core members extending above said body and divided for receiving one of the strand-wires of the fence and coiled about the same.

5 2. A fence-post comprising a continuous concrete body having a longitudinal core of two or more wires twisted about each other and extending beyond the ends of the body
10 with the upper ends of the core-wires divided for receiving the upper strand-wire of the fence and coiled around the same, and supports comprising wire loops embedded at one
15 end in said body with the other ends overlapping exteriorly of the body for receiving the intermediate strand-wires of the fence.

3. A fence-post comprising a continuous concrete body having a longitudinal core of two or more wires twisted about each other
20 and extending beyond the ends of the body

with the upper ends of the core-wires divided for receiving the upper strand-wire of the fence and coiled around the same, spaced core members formed of two or more wires twisted
25 about each other with one of said spaced core members extending above said body and divided for receiving one of the strand-wires of the fence and coiled about the same, and spaced supports comprising wire loops each
30 embedded at one end in said body with the other end overlapping exteriorly of said body for receiving the intermediate strand-wires of the fence.

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

ORRIN W. CARPENTER.

Witnesses:

MABEL E. WALLACE,
JNO. A. DIXON.