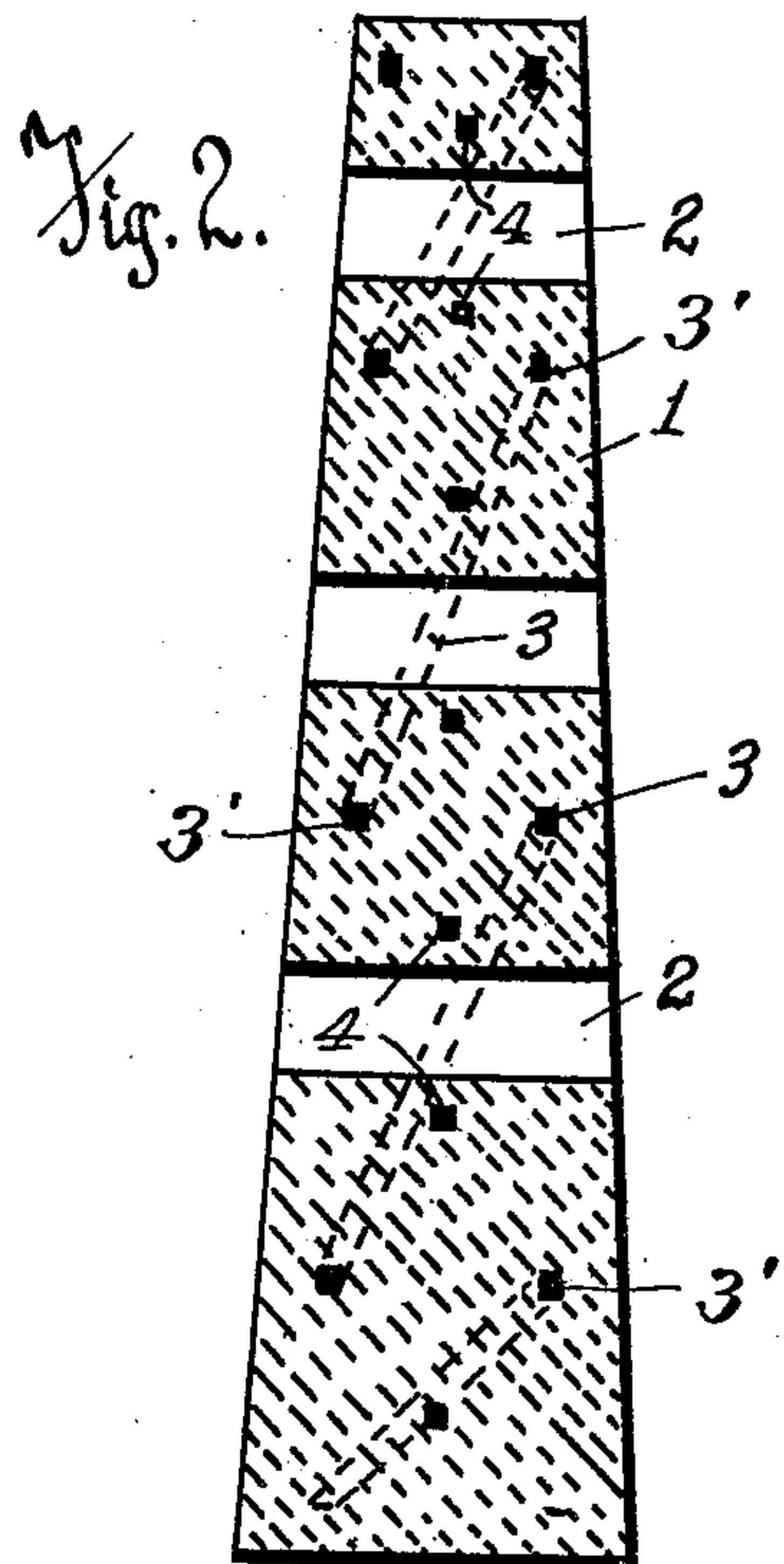
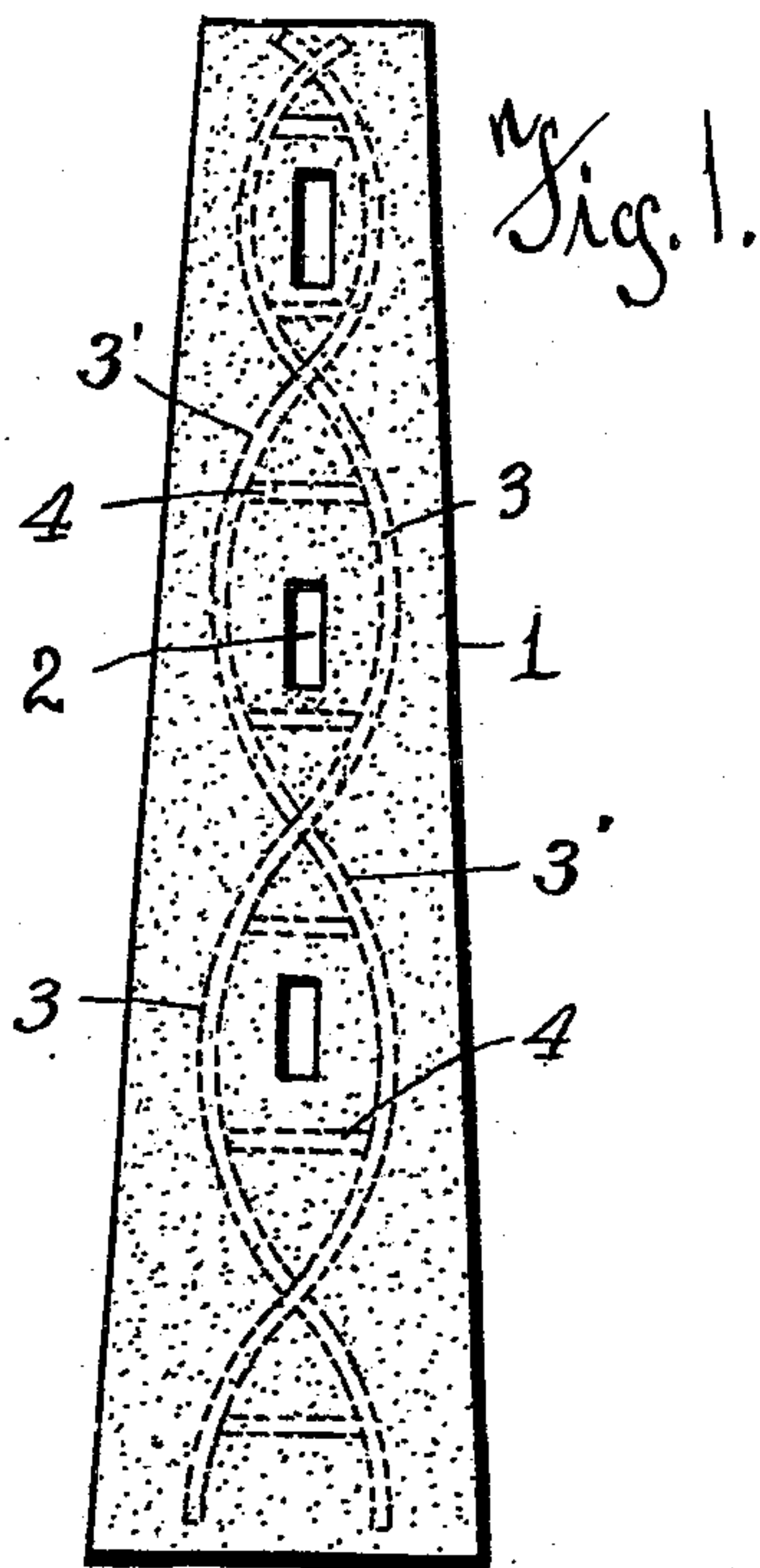


J. H. CARPENTER.
REINFORCED CONCRETE POST.
APPLICATION FILED OCT. 9, 1908

930,040.

Patented Aug. 3, 1909.



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REINFORCED-CONCRETE POST.

No. 930,040.

Specification of Letters Patent.

Patented Aug. 3, 1909.

Application filed October 9, 1908. Serial No. 457,017.

To all whom it may concern:

Be it known that I, JACOB H. CARPENTER, citizen of the United States, residing at Reading, in the county of Berks and State of Pennsylvania, have invented certain new and useful Improvements in Reinforced-Concrete Posts, of which the following is a specification.

This invention relates to improvements in reinforced concrete posts and the object of the present invention is to provide a post suitable for fences where either rails or wire are used between the posts.

The invention consists of a body made of concrete and having a series of transverse openings therethrough adapted to receive the rails or wires, and reinforcing bars arranged to support and strengthen the structure without interfering with said openings.

The invention is more fully described in the following specification and clearly illustrated in the accompanying drawing, in which:—

Figure 1 is an elevation of a post embodying my invention. Fig. 2 is a vertical sectional view taken at right angles to the view shown in Fig. 1.

The numeral 1 designates the body of the post, which is of concrete and 2 designates the openings therein, in which the rail ends may rest.

The numerals 3, 3' designate the vertical reinforcing rods. These rods are bent to pass around the openings 2, alternately in a series of curves, the curve around one opening lying in a different plane from the adjacent curve around the next succeeding opening. I use two of such vertical rods in each post, oppositely arranged, and connected by means of transverse reinforcing rods 4. This structure will reinforce the post and at the same time not interfere with the rail openings.

It is evident that with my construction of post, both the larger or rail openings and the

wire openings may be formed in one post, so that either rail or wire fencing may be used in connection therewith and without inconvenience. The construction is such that the maximum strength is secured for the post even though a number of comparatively large openings are formed therein, which openings will not materially weaken the post but instead will lighten it considerably. It is also evident that this structure can be used for other purposes than fence posts, such for instance as hitching posts etc.

Having thus fully described my invention, what I claim and desire to secure by Letters Patent is:—

1. A reinforced concrete fence post comprising a body of concrete, two oppositely arranged, curved, vertical reinforcing rods embedded therein, said rods being spaced apart throughout their length, a series of transverse reinforcing rods connecting said vertical rods together, said post having a series of transverse openings therethrough around which said vertical rods are curved alternately.

2. A reinforced concrete monolith having a plurality of vertically disposed reinforcing rods, spaced apart at substantially equal distances throughout their length, each rod being provided with a series of curves adjacent curves lying in different planes.

3. A reinforced concrete monolith having a plurality of vertically disposed reinforcing rods spaced apart at substantially equal distances throughout their length, each rod being provided with a series of curves adjacent curves lying in different planes, and brace rods connecting said rods.

In testimony whereof I affix my signature, in presence of two witnesses.

JACOB H. CARPENTER.

Witnesses:

ED. A. KELLY,

M. C. KREIDER.