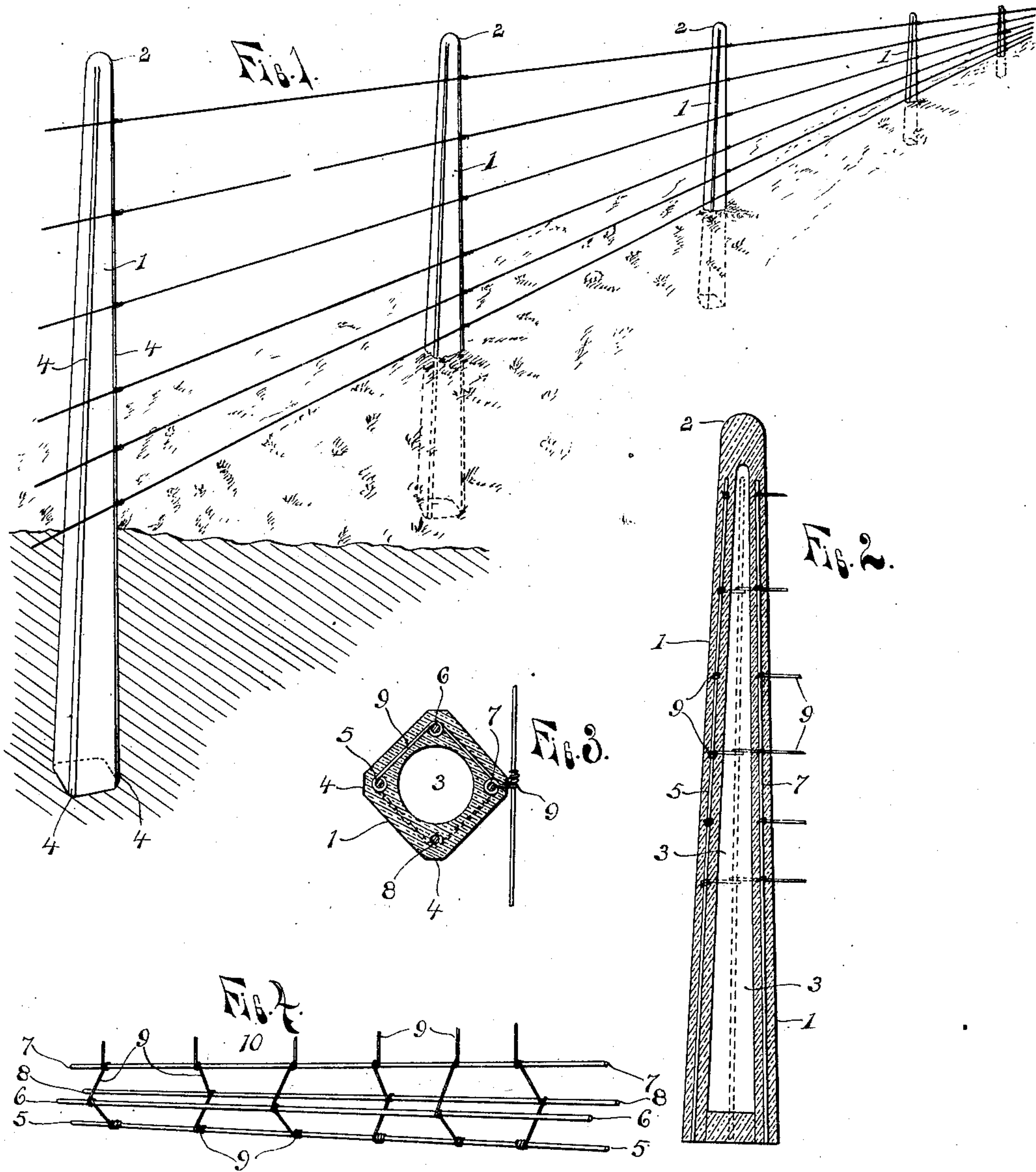


No. 826,973.

PATENTED JULY 24, 1906.

J. A. TREMBLAY.  
FENCE POST.

APPLICATION FILED APR. 11, 1906.



WITNESSES:  
M. C. Scully  
B. Scully

INVENTOR  
Joseph A. Tremblay  
BY Edmund J. Scully  
ATTORNEY.



# UNITED STATES PATENT OFFICE.

JOSEPH ARTHUR TREMBLAY, OF TILBURY, CANADA.

## FENCE-POST.

No. 826,973.

Specification of Letters Patent.

Patented July 24, 1906.

Application filed April 11, 1906. Serial No. 311,087.

*To all whom it may concern:*

Be it known that I, JOSEPH ARTHUR TREMBLAY, a citizen of Canada, residing at Tilbury, in the county of Kent and Province of Ontario, Canada, have invented certain new and useful Improvements in Fence - Posts, of which the following is a specification.

This invention relates to improvements in fence-posts; and its object is to provide an indestructible fence-post formed of cement which is so reinforced as to make it unbreakable and is provided with cheap and efficient means for securing the fence to it, said means also serving to strengthen the post and hold the reinforcing means in place in the mold in the process of forming the post.

A further object of the invention is to provide a post having the several advantages of the particular construction, arrangement, and combination of parts, all as hereinafter more fully described, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of a line of fence held by posts embodying the invention; Fig. 2, a longitudinal section of one of the posts; Fig. 3, an enlarged transverse section of the same; and Fig. 4 is a perspective view of the reinforcing frame and fence-securing means.

As shown in the drawings, 1 is the body of the post, formed of cement or similar material and tapered throughout its length, its upper end 2, which is preferably made round and smooth, being of considerably less diameter than its lower end. Said post is also preferably made with a tapering hollow 3 in its center extending from the lower end upward therein, and each corner of the post is beveled off slightly. 5, 6, 7, and 8 are longitudinally-extending reinforcing-rods, one within each corner of the post, and 9 represents tie-wires, each engaging three of the four rods and extending out through the corner of the post to secure the fence thereto, a tie-wire being provided for each line-wire of the fence. These reinforcing-rods and tie-wires are embodied in the post by making them up in a sort of frame 10, as shown in Fig. 4, and this frame placed in the mold and the cement then tamped in, a suitable wooden core being provided to form the hollow in the post.

The frame 10 is preferably made up by securing one end of one of the wires to the rod 5, then wrapping the same around the rod 6, then around the rod 7, and out through the

corner of the post. The next wire is secured at one end to the rod 5, then to the rod 8, and around the rod 7 and out, said wires extending at alternate sides of the post throughout its length. These wires thus not only serve to secure the fence to the post, but, together with the rods, form a frame which is laid into the mold and does not hinder the tamping in of the cement, the rods being thus accurately positioned in the corners of the post and the wires correctly spaced without the necessity of providing means in the mold for holding the same.

The hollow in the post being tapering, the core for forming the same is easily removed after the post is formed, and the post is thus made light and yet is practically unbreakable. After the removal of the core the open end of the hollow is preferably plugged with cement to prevent water from getting into the interior of the post.

Having thus fully described my invention, what I claim is—

1. In a post, the combination with a body portion formed of cement, of a longitudinally-extending strengthening-rod embedded in the body at each of the four corners thereof, and a series of tie-wires each projecting at one end from a corner of the post and secured to the rod at that corner and at its opposite end to the rod at the opposite corner of the post, said wires being also secured to one of the rods intermediate said opposite corners and in one of the other corners at alternate sides of the post.

2. A post consisting of a tapering body portion formed of cement with a tapering axial cavity closed at each end, longitudinally-extending rods embedded within each corner of said body, a series of tie-wires wrapped around diametrically opposite rods and one of the intermediate rods, and an alternating series of tie-wires similarly secured to the diametrically opposite rods and to the other intermediate rod, said wires all projecting at one end from the body at one corner thereof.

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

JOSEPH ARTHUR TREMBLAY.

Witnesses:

A. V. SPENCER,

E. M. WIGLE.