

No. 830,824.

PATENTED SEPT. 11, 1906.

C. F. DAVIS.
FENCE POST.

APPLICATION FILED JUNE 8, 1906.

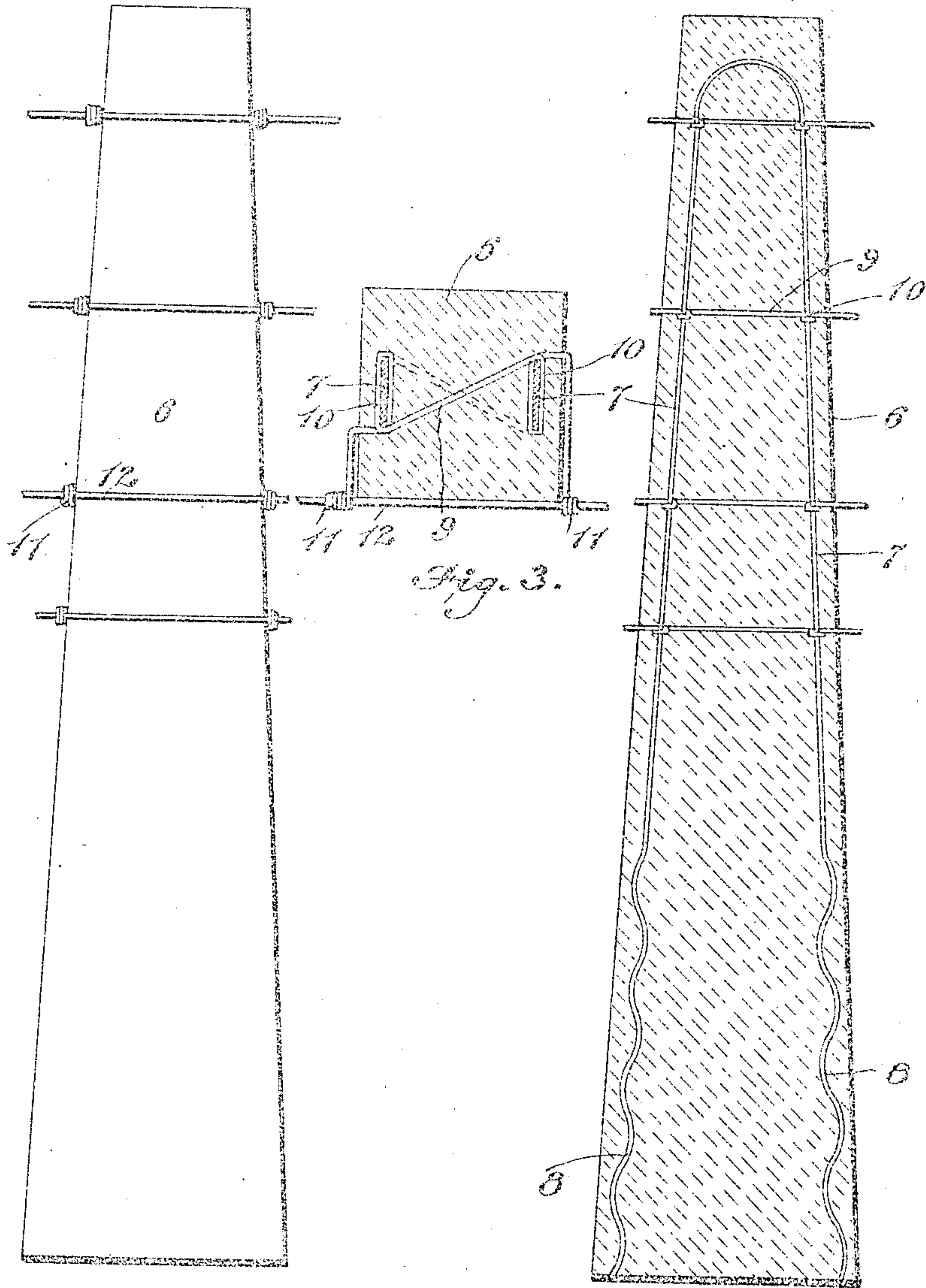


Fig. 1.

Fig. 2.

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CHARLES F. DAVIS, OF BATTLE CREEK, MICHIGAN.

FENCE-POST.

No. 830,824.

Specification of Letters Patent.

Patented Sept. 11, 1906.

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To all whom it may concern:

Be it known that I, CHARLES F. DAVIS, a citizen of the United States, residing at Battle Creek, in the county of Calhoun and State of Michigan, have invented new and useful Improvements in Fence-Posts, of which the following is a specification.

This invention is a trussed concrete fence-post comprising a molded structure of concrete in which is embedded a double reinforcing-bar of metal, together with tie-wires, which are wound around the bar and project at the ends from the sides of the post, forming means whereby the fence-wires may be attached.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation of the post. Fig. 2 is a vertical section. Fig. 3 is a horizontal section.

The body of this post is made of concrete, preferably consisting of a mixture of one part cement, two parts sand, and four parts crushed stone or gravel, and it is molded in a suitable mold provided for the purpose, in which the truss or reinforcing-bar is supported.

In the drawings, 6 indicates the cement body. The truss or reinforcement consists of a bar of metal doubled to form two legs 7, embedded in the concrete, with a bend at the top of the post. The lower ends of the legs are twisted, as indicated at 8, below the lowest wire of the fence.

Tie-wires are indicated at 9. These wires extend across horizontally through the post and are preferably spaced apart a distance equal to the spaces desired between the wires of the fence. Each of the tie-wires 9 is crossed diagonally from one leg 7 to the other and wound around said legs, as indicated at 10, and the free ends of the wires are left projecting a sufficient distance beyond the sides

of the post, so that they may be wound, as indicated at 11, around the fence-wires 12. The alternate tie-wires 9 are arranged in opposite diagonal directions from one leg 7 to the other. Said tie-wires serve two purposes—they serve to bind the legs 7 together and to stiffen the same, and thus reinforce the concrete, and they also serve as attaching means for the fence-wires, as specified. Wrapping the wires first one way and then the other—that is, on opposite diagonals between the legs 7—serves to effectively bind all the parts together and to engage a greater portion of the concrete than would be the case if the wires were placed straight across. However, the wires may be placed straight across, if desired, without departing from the scope of the invention. Obviously the tie-wires are omitted; or at least will not be made to project in the base of the post which will be set in the ground.

I claim—

1. A fence-post comprising a concrete body, a doubled metal bar embedded longitudinally therein, and a series of tie-wires looped around the branches of the bar and having free ends extending out opposite sides of the post, the tie-wires being wound in alternately opposite directions around the bars, so that they cross therebetween.

2. A fence-post comprising a concrete body, a doubled metal bar embedded longitudinally therein, and a series of tie-wires each of which is looped around both branches of the bar and extends at the ends out opposite sides of the post.

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

CHARLES F. DAVIS.

Witnesses:

JOSEPH A. WILKINSON,
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