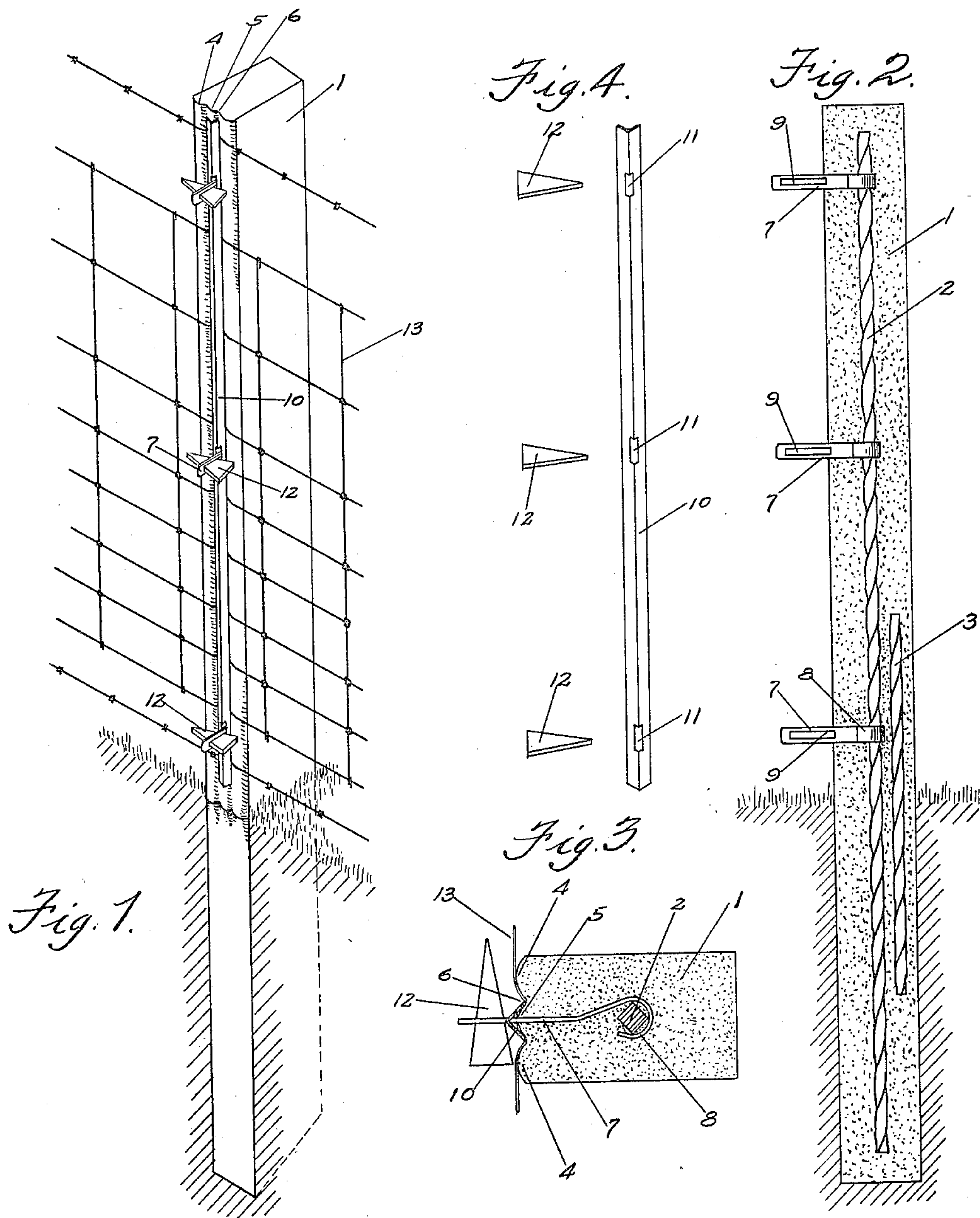


W. C. STUBER.
FENCE POST.
APPLICATION FILED DEC. 12, 1914.

Patented Sept. 28, 1915.

1,154,740.



WITNESSES

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UNITED STATES PATENT OFFICE.

WALTER C. STUBER, OF TREMONT, ILLINOIS, ASSIGNOR OF ONE-THIRD TO JOHN STUBER AND ONE-THIRD TO WILLIAM PFLEDERER, BOTH OF TREMONT, ILLINOIS.

FENCE-POST.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WALTER C. STUBER, a citizen of the United States, a resident of Tremont, in the county of Tazewell and State of Illinois, have invented new and useful Improvements in Fence-Posts, of which the following is a specification.

My invention relates to improvements in fence posts and particularly that type of post made of concrete or similar plastic substance, having a suitable reinforcement and also having means for attaching a fence thereto.

The principal object of my invention is the provision of such a post whereby the fence may be secured and supported thereby, without the necessity of using a wrench or similar implement, the fastening means being simple and effective.

A further object is the provision of a fence post which is simple and strong in construction, attractive in appearance, and will hold the fence securely and taut.

To the accomplishment of the foregoing and such other objects as may hereinafter appear, my invention consists in the combination, construction and arrangement of parts hereinafter described, and then sought to be defined in the appended claims, reference being had to the accompanying drawings forming a part hereof, and which show merely for the purpose of illustrative disclosure, a preferred embodiment of my invention, it being understood that various changes may be made in practice within the scope of the claims, without digressing from my inventive idea.

In the figures—Figure 1 represents a perspective view of a post constructed according to my invention, part of a fence being shown in position; Fig. 2 is a vertical longitudinal section of a post constructed according to my invention; Fig. 3 is a horizontal transverse section of the post, and Fig. 4 is a perspective view of details.

Referring now to the drawings, the numeral 1 designates the post as a whole, which is made of concrete, molded in substantially the shape shown, with the intermediate longitudinal reinforcing member 2 preferably in the form of a twisted rod. This reinforcing member braces and strengthens the structure of the post as a whole, and I also provide the additional reinforcing rod, preferably in the form of a

twisted rod 3, at or about the ground line, so that in case the post is subject to any severe blow or strain, it will be reinforced at the place most apt to break.

In molding the post proper, I provide one face with a plurality of convex portions 4, the intermediate convex portion or rounded projection 5 being somewhat narrower than the outer convex portions 4. By providing these convex portions, I also provide a pair of longitudinal grooves 6, the purpose of which will presently be described.

The locking means includes as one element, the anchoring member 7, which is in the form of a flat bar, having its inner end bent around the reinforcing rod 2, and anchored thereto when the post is molded, the outer end of said anchoring member 7 projecting through the intermediate convex rib or projection 5 and provided with an elongated slot or aperture 9 therein. It is seen that I have shown three of these anchoring members, but the number may be varied, according to the size of the post or fence or any other conditions. Coöperating with these anchoring members 7, is a holding or securing bar 10 which is preferably in the form of angle iron, of such a size that its edges fit the grooves 6 between the intermediate convex rib or projection 5 and the other convex ribs or projections 4. This securing and supporting member 10 is provided with slots or recesses 11 through the angle thereof, which are adapted to register with and receive the anchoring members 7, as shown in Fig. 1. Locking members 12 in the form of a wedge block are adapted to be driven through the slots or apertures 9 in the anchoring members 7, after the supporting and securing bar 10 has been placed thereon, whereby the supporting and securing member will be positively locked and held in position.

It is to be understood, as shown in Fig. 1, that the fence 13 is adapted to be positioned between the supporting and securing member 10 and the fence post proper 1, and when the supporting and securing member is locked in position, by means of the wedge members 12, the fence will be securely held and clamped. This is due to the fact that a sort of crimp will be made therein on account of the fence being forced into the grooves 6 by means of the edges of the angle supporting and securing member. In ad-

dition to crimping the fence, the latter will be drawn taut as any slack will be taken up in this fashion.

It is obvious from the foregoing description, that I have provided a fence post to which the fence may be attached, without the necessity of the use of a wrench or similar tool, to which the fence may be attached quickly and simply, and which is strong in construction and will give long and efficient wear.

What I claim is:

1. A fence post including a body portion having a longitudinal reinforcement therein and provided with an intermediate convex projection with grooves on either side thereof, anchoring members connected to said reinforcement and projecting through said convex projection and having apertures in their outer ends, a clamping member adapted to be positioned over said convex projection and having apertures adapted to receive said anchoring members and locking members adapted to be passed through the apertures in the anchoring members, to hold said clamping member in position, said clamping member being formed of angle iron so that its edges engage in the grooves on either side of said convex projection.

2. A fence post comprising a body portion of plastic material, having a longitudinal reinforcement embedded therein, and having one of its faces formed with an intermediate convex projection with grooves on either side thereof, anchoring members embedded in said body portion and connected to said longitudinal reinforcement, said anchoring

members projecting through said convex projection and having apertures in their outer ends, a clamping member having slots therein, adapted to receive said anchoring members, and locking means adapted to pass through the apertures in said anchoring members to hold said clamping member to the post, said clamping member being shaped so that its edges correspond to and engage in the grooves on either side of said convex projection, whereby the fence will be crimped therein.

3. A fence post comprising a body portion of plastic material having a longitudinal reinforcement embedded therein and having one of its faces formed with an intermediate convex projection with grooves on either side thereof, anchoring members embedded in said body portion, said anchoring members being in the form of bars having their inner ends bent around said longitudinal reinforcement, their outer ends projecting through said convex projection and having apertures therein, a clamping member having slots therein adapted to receive said anchoring members, and locking means in the form of wedges adapted to pass through the apertures in said anchoring members to hold said clamping member to the post, said clamping member being shaped so that its edges engage in the grooves on either side of said convex projection whereby the fence will be clamped therein.

WALTER C. STUBER.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."