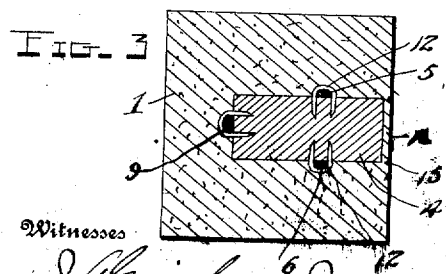
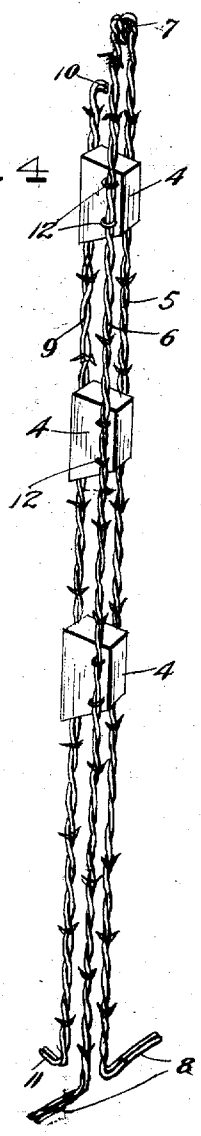
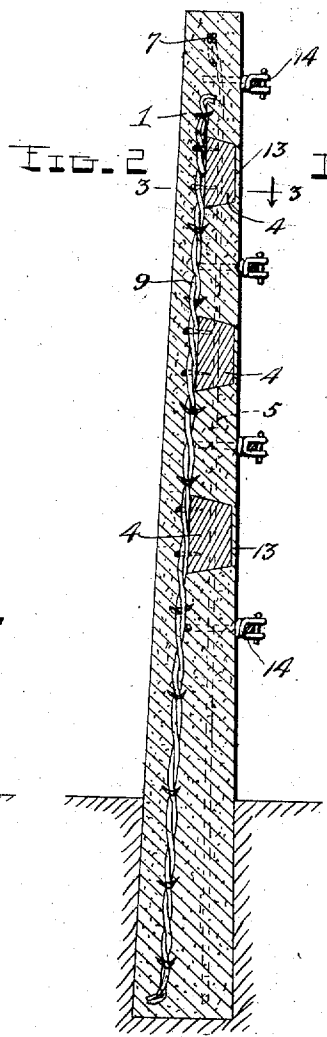
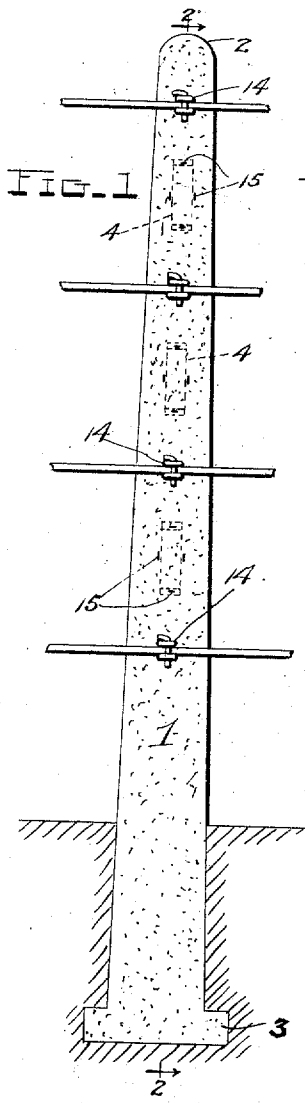


No. 874,513.

PATENTED DEC. 24, 1907.

H. P. LIBHART.
PLASTIC FENCE POST.
APPLICATION FILED MAR. 2, 1907.



Witnesses
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UNITED STATES PATENT OFFICE.

HUGH P. LIBHART, OF TROUP, TEXAS, ASSIGNOR OF ONE-HALF TO HENRY EDWARDS, OF TROUP, TEXAS.

PLASTIC FENCE-POST.

No. 874,513.

Specification of Letters Patent.

Patented Dec. 24, 1907.

Application filed March 2, 1907. Serial No. 360,206.

To all whom it may concern:

Be it known that I, HUGH P. LIBHART, a citizen of the United States, residing at Troup, in the county of Smith and State of Texas, have invented certain new and useful Improvements in Plastic Fence-Posts, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to improvements in fence posts constructed of plastic material and to means for securing fence wires and rails thereto.

One object of the invention is to provide a strong and durable plastic fence post which may be produced at a comparatively small cost.

Another object of the invention is to provide a post of this character with means whereby either fence wires or wooden fence rails may be readily attached to it.

Another object of the invention is to provide fence rail attaching blocks which are entirely embedded within the body of the post so that they will be protected from the weather.

Another object of the invention is to provide an improved double loop or eye by which a fence wire may be secured to the post.

The above and other objects are accomplished by the improved construction illustrated in the accompanying drawings, in which

Figure 1 is a front elevation of my improved fence post, showing fence wires attached thereto; Fig. 2 is a vertical section through the same on the plane indicated by the line 2—2 in Fig. 1; Fig. 3 is a horizontal section on the plane of the line 3—3 in Fig. 2; Fig. 4 is a perspective view of the reinforcing members and the fence rail attaching blocks which are embedded in the post.

My improved fence post comprises a body 1 molded of cement, concrete or other suitable plastic material and preferably of square or rectangular form in cross section. The body 1 is also preferably tapered longitudinally from its lower end to its top which latter is rounded as shown at 2 in Fig. 1. Upon opposite sides of the base or lower end of the post, I preferably provide laterally or horizontally projecting ribs or flanges 3 which serve to effectively anchor the post in the ground.

In order to strengthen the post, I embed or mold in it a suitable reinforcing frame, the preferred form of which is clearly shown in Fig. 4. This frame consists of three longitudinally extending strands of barbed wire arranged in triangular relation and secured together by blocks 4 of wood or other suitable material to which fence rails of wood, or the like, may be secured by nails or similar fastening devices. The two forward reinforcing members or strands 5, 6 are arranged upon opposite sides of the blocks 4 and they are preferably formed of a single piece of barbed wire by bending it upon itself at its center to form the coil or loop 7 and so as to have its two ends parallel; the lower extremities of said ends are preferably bent at right angles and in opposite directions, as shown at 8 in Fig. 4, and they may be of such length as to project into the anchor flanges 3. The third reinforcing member or strand 9 is arranged centrally upon the rear faces of the block and has its upper and lower ends 10, 11 bent in opposite directions or forwardly and rearwardly, as clearly shown in Fig. 4. The strands or members 5, 6, 7 are preferably secured to the blocks 4 by staples 12, as clearly shown in Fig. 3. While the blocks 4 may be of any shape, I preferably make them rectangular with their upper and lower ends beveled in opposite directions so that they are of dove-tail form. They are so embedded in the body of the post that their smaller front faces will lie close to the front face of the post 1, but at the same time be entirely covered by a thin layer of cement, as shown at 13. This layer 13 is of sufficient thickness to prevent moisture from reaching the block but at the same time, is thin enough to permit nails or similar fastenings to be driven through it and into the block for the purpose of attaching wooden fence rails, fence wires, or the like. Any number of the blocks 4 may be embedded in each post and they are preferably arranged centrally between double loops or eyes 14 which are especially provided for the attachment of fence wires. While the central arrangement of the blocks serves to locate them, I may more effectively accomplish this, and especially when the blocks are arranged at varying intervals throughout the length of the post, by forming upon the front face of the post scores or indentations 15.

Having thus described my invention what

I claim and desire to secure by Letters Patent is:

A fence post comprising a body of plastic material and a reinforcing frame embedded
5 therein and consisting of longitudinal reinforcing members arranged in angular relation and a plurality of wedge shaped blocks arranged between and secured to said members, said blocks being spaced apart by said
10 members and each having one of its faces arranged adjacent to one face of the post and

covered by a thin layer of plastic material of which the body is composed, whereby fastening devices may be driven through said layer and into the blocks, substantially as described. 15

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

HUGH P. LIBHART.

Witnesses:

FLORA CLARK,
HARRIETT CHILDERS.