

No. 832,218.

PATENTED OCT. 2, 1906.

J. C. SPEAKER.

FENCE POST.

APPLICATION FILED MAR. 26, 1906.

FIG. 1.

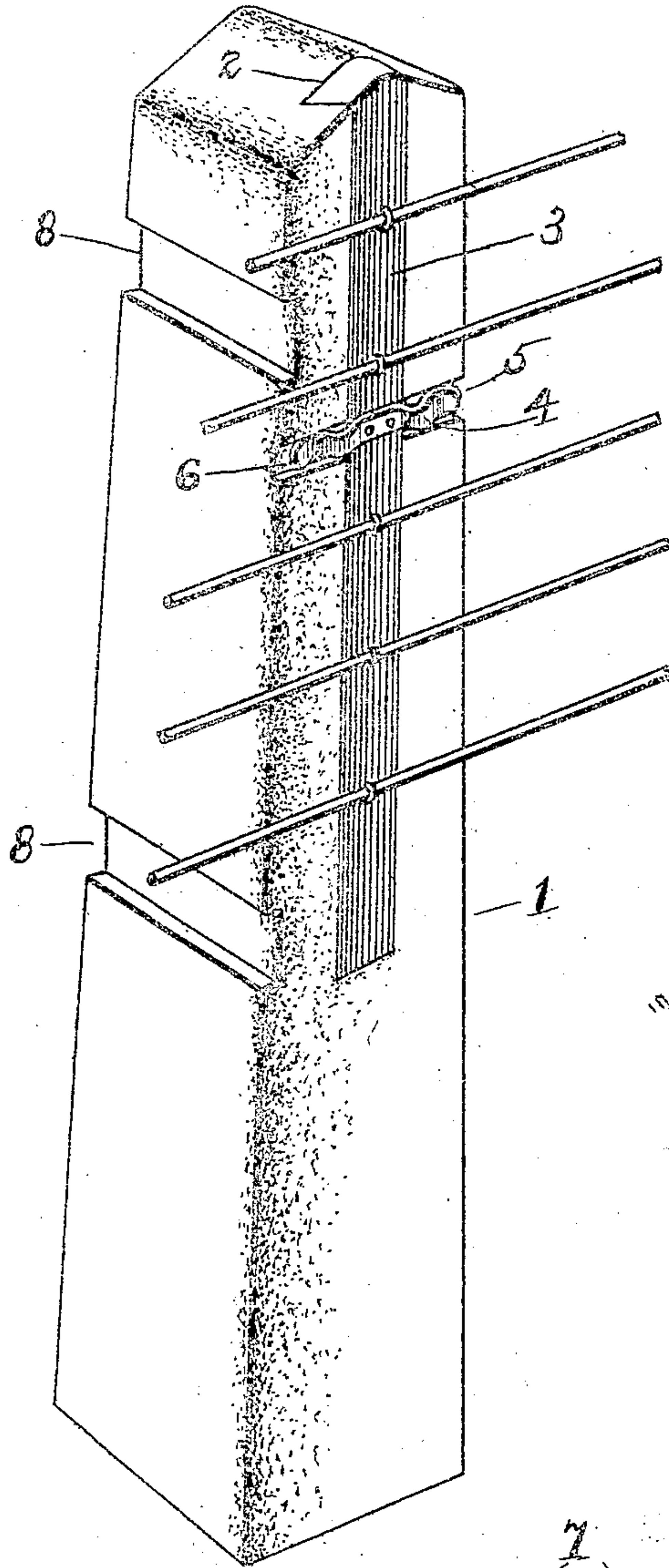


FIG. 2.

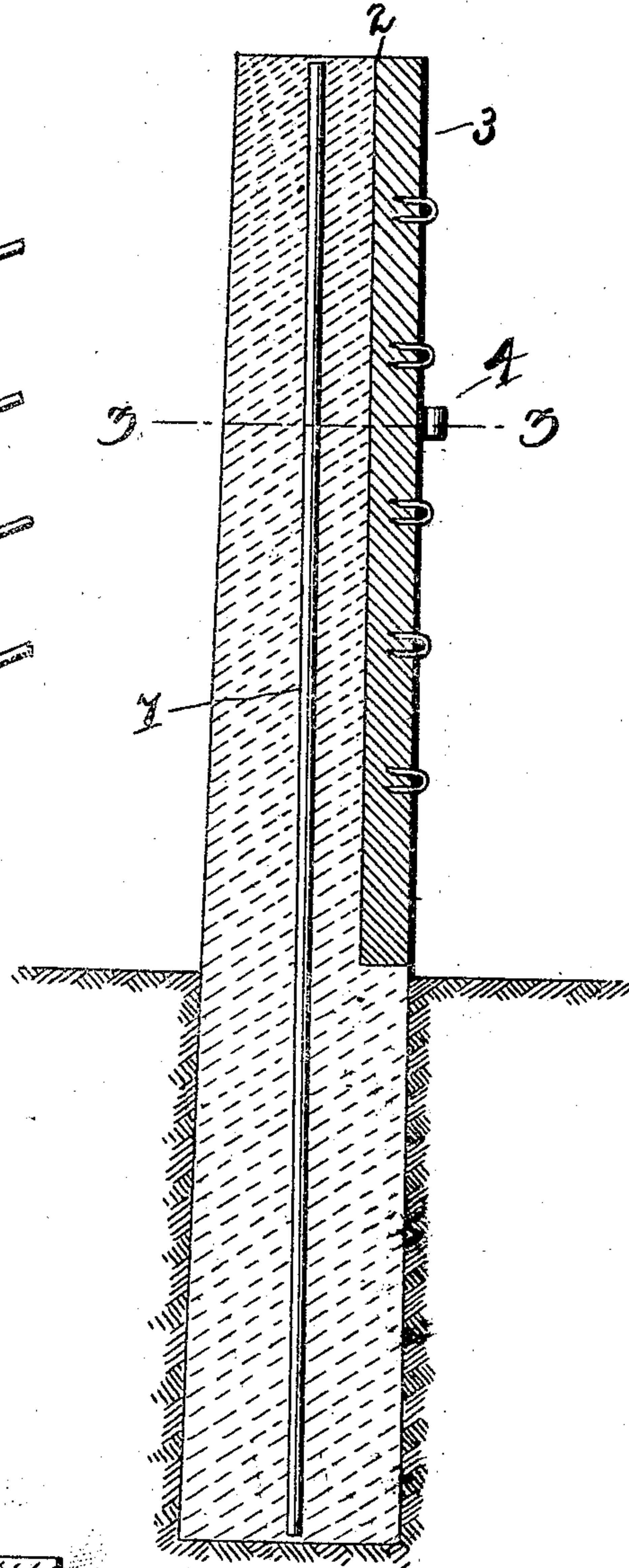
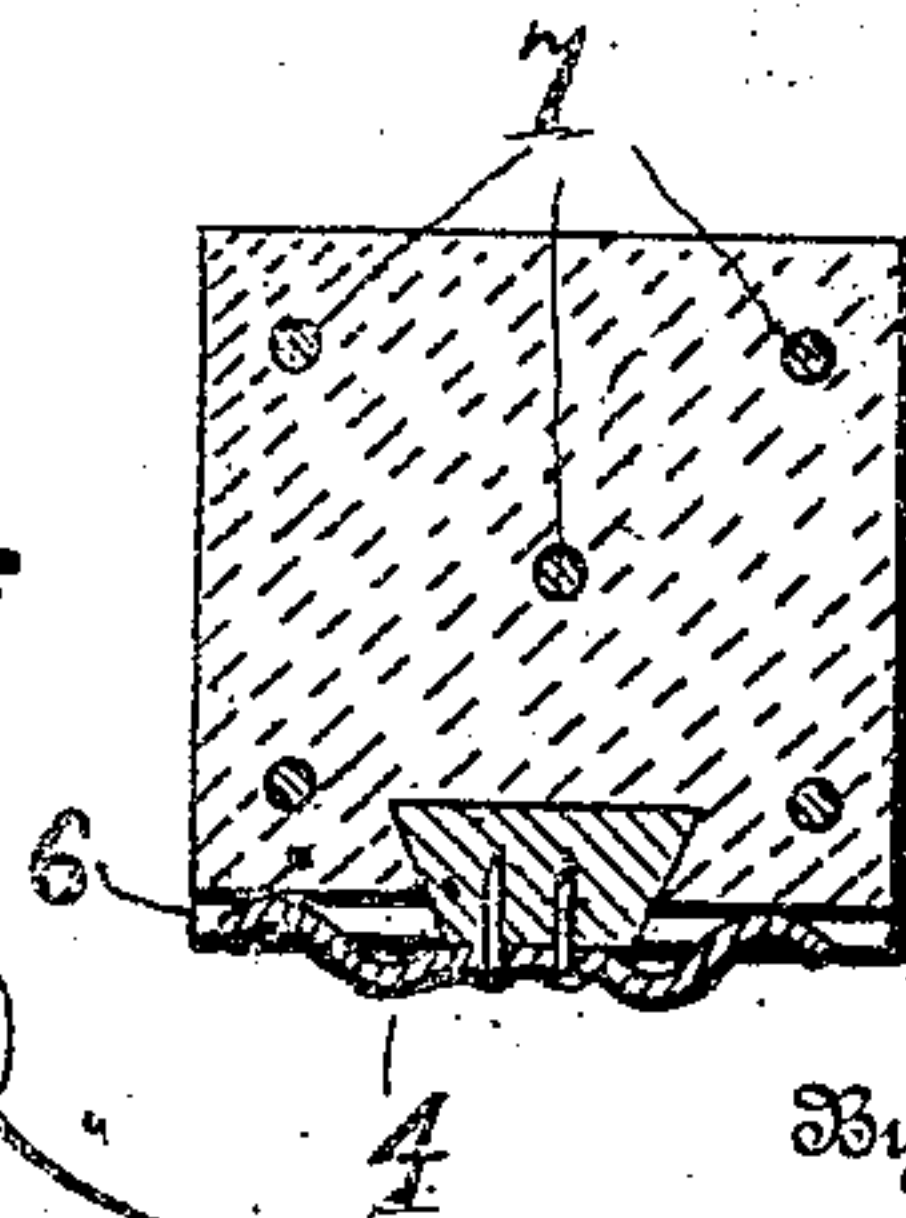


FIG. 3.



Witnesses

*James A. Koehl*  
*E. Q. Langworthy*

By

*John C. Speaker* Inventor  
*Watson E. Coleman* Attorney



# UNITED STATES PATENT OFFICE.

JOHN C. SPEAKER, OF MAGNOLIA, OHIO.

## FENCE-POST.

No. 332,218.

Specification of Letters Patent.

Patented Oct. 2, 1906.

Application filed March 26, 1906. Serial No. 307,995.

*To all whom it may concern:*

Be it known that I, JOHN C. SPEAKER, a citizen of the United States, residing at Magnolia, in the county of Carroll and State of Ohio, have invented certain new and useful Improvements in Fence-Posts, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to posts comprised of plastic material, particularly adapted for use in wire fencing, and provided with means removably connected with the post whereby the wire may be secured thereto without the necessity of driving or fixing staples in the plastic composition of which the post is made, one of the objects being to provide a post of the character described that shall be simple and inexpensive in construction and provided with a longitudinal groove having a strip of wood slidably mounted therein into which the staples for holding the wire may be driven.

Other objects and advantages of my invention, as well as the structural features by means of which these objects are attained, will be made clear by an examination of the specification, taken in connection with the accompanying drawings, in which the same reference-numerals indicate corresponding portions throughout, and in which—

Figure 1 is a perspective view of a post constructed in accordance with my invention. Fig. 2 is a longitudinal section, and Fig. 3 is a transverse section on lines 3 3 of Fig. 2.

1 designates a post formed of concrete, cement, or other plastic composition and provided with a longitudinal groove 2, which is formed when the material out of which the post is made is in a plastic state in the mold. The bottom of this groove is flat, and the walls are inclined toward each other at an angle of approximately forty-five degrees. In this groove is slidably mounted a strip of wood 3, cut to conform to the groove and to fit snugly therein, so that the walls of the groove hold said strip securely in position and against lateral displacement. As a means for preventing longitudinal movement of the strip 3 when in position in the groove a leaf-spring 4 is removably secured to said strip by any suitable means, preferably screws, passing through openings in the spring. This leaf-spring is curved, as shown, so that its ends 5 rest in a transverse kerf or slot 6 in the post 1. As a means of reinforcing said post 1 wire cables 7 are placed there-

in when the material of which the post is constructed is in its plastic state and arranged to extend longitudinally of the post. These wires are preferably arranged one in each corner of the post and one at the center thereof, as shown in Fig. 3, the purpose of these wires being to enable the post to withstand the action of frost or cold and to add strength and durability thereto. Each post is also preferably provided with transverse rectangular slots or openings 8 for the reception of braces to hold the post in perpendicular position and against the tension of the wires secured thereto.

I am aware that plastic posts having longitudinal wooden strips therein, whereby the wires may be connected with said posts, are not new; but the principal objection thereto is the inconvenience occasioned in removing the wooden strips therefrom when, by reason of decay, it becomes desirable to remove the strips from the posts and replace them with new ones. The post hereinbefore described is thought to overcome these objections, for the reason that the longitudinal strip in each post may be easily removed or replaced when desired. The leaf-spring 4 holds the strip firmly in position, so that the wire cannot raise from any cause; but by pulling the ends 5 out of the slot 6 the strip can readily be taken out of the longitudinal groove 2. This spring being removably secured to the wooden strip can be easily removed therefrom and placed on a new strip. Another advantageous feature is the ease with which portions of the fence may be raised, when desired, without in any wise injuring or defacing the post.

It frequently becomes desirable to raise a section of a fence for the purpose of driving stock therethrough, and this cannot conveniently be done by any form of post now in use.

Having thus described my said invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A plastic post having a longitudinal slot therein, a strip slidably mounted in the slot and held against lateral displacement by the walls of said slot, and a leaf-spring removably mounted on the strip and adapted to engage a kerf in the post whereby the strip is held against upward movement.

2. A plastic post having a longitudinal slot therein, the walls of said slot being arranged at an angle of approximately forty-five de-



grees, a strip slidably mounted in the slot and having its walls arranged at an angle of approximately forty-five degrees to conform to the walls of the slot, and a leaf-spring remov- 5  
ably mounted on the strip transversely thereof and having its ends resting in a kerf in the post whereby the strip is held against longitudinal displacement.

3. A plastic post having a longitudinal slot 10  
therein, the walls of said slot being arranged at an angle of approximately forty-five degrees, a strip slidably mounted in the slot and having its walls arranged at an angle of approximately forty-five degrees to conform

to the walls of the slot, a leaf-spring remov- 15  
ably mounted on the strip transversely thereof and having its ends resting in a kerf in the post whereby the strip is held against longitudinal displacement, and reinforcing-cables embedded in the post and extending longitudinally thereof. 20

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

JOHN C. SPEAKER.

Witnesses:

J. E. PARKER,  
W. L. HIME.