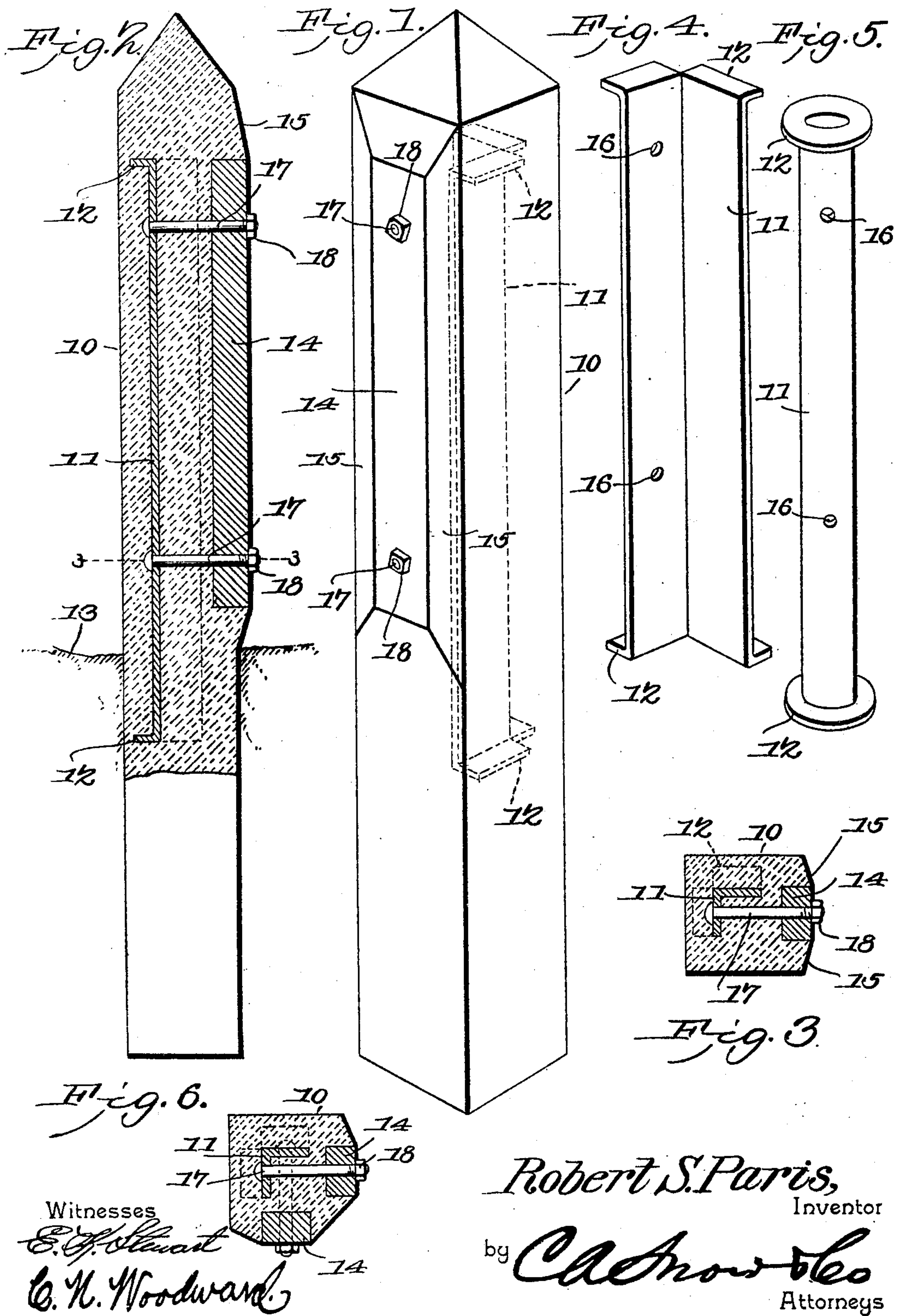


R. S. PARIS.

POST.

APPLICATION FILED FEB. 10, 1905.



Witnesses
E. J. Stuart
C. H. Woodward

Robert S. Paris,
 Inventor
 by *C. A. Snow & Co.*
 Attorneys

UNITED STATES PATENT OFFICE.

ROBERT SHERMAN PARIS, OF LOLA, KENTUCKY, ASSIGNOR OF ONE-FOURTH TO WILLIAM F. PARIS, JR., OF LOLA, KENTUCKY.

POST.

No. 795,301.

Specification of Letters Patent.

Patented July 25, 1905.

Application filed February 10, 1905. Serial No. 245,125.

To all whom it may concern:

Be it known that I, ROBERT SHERMAN PARIS, a citizen of the United States, residing at Lola, in the county of Livingston and State of Kentucky, have invented a new and useful Post, of which the following is a specification.

This invention relates to fence-posts and similar structures of concrete or like material, and has for its object to improve and strengthen the construction and increase the efficiency of devices of this character.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings, Figure 1 is a perspective view of the improved post. Fig. 2 is a longitudinal sectional elevation of the same. Fig. 3 is a transverse section on the line 3 3 of Fig. 1. Figs. 4 and 5 represent perspective views of two forms of the metal stay members detached. Fig. 6 is a view similar to Fig. 3, illustrating a modification in the construction.

The improved post may be of any required size and of any of the various compounds of concrete or artificial stone employed in manufacturing posts of this class, such posts being usually formed in suitable molds.

The improved post herein described and shown is represented as a whole at 10 and has a metal stay member 11 embedded therein and entirely surrounded by the material of which the post is composed. The stay member may be of any required form in transverse section and is provided with lateral offsets 12 at the ends. The stay member extends at the lower end below the ground-line of the post, (indicated at 13,) so that an effectual resistance is offered to the

lateral strains caused by the "heaving" of the frost, the offset ends materially increasing the resisting property of the post by effectually preventing any longitudinal movement of the stay member.

Embedded in one side of the post above the ground-line is a wood member 14, with one face flush with the outer surface of the post and also with the material of the post inclining away from the wood member on all sides, as at 15.

The stay member 11 is provided at suitable intervals with apertures 16 to receive binding-bolts 17, extending therefrom and through the wood member 14 and provided with nuts 18, by which means the wood member is firmly secured in position. As many of the bolts 17 may be employed as required, but for an ordinary-sized post two bolts to each wood member will be sufficient, as shown. The wood members may thus be readily removed when worn or broken or when decayed without disturbing the stay members 11. This is an important advantage and adds materially to the value and utility of the post and prolongs the "life" of the same. Two or more of the wood members will preferably be employed upon each post, as represented in Fig. 6, at corners and sharp angles of the line of the fencing.

The stay member 11 will preferably be L-shaped in transverse section, as in Figs. 1, 2, 3, 4, and 6, but may be tubular, as in Fig. 5, or any other form upon which the lateral offsets 12 can be produced.

The wood member 14 is designed to receive the line-wire-supporting staples when the posts are employed in constructing wire fences or to receive the holding nails or screws when the line members are of wood or other suitable material and will firmly support the same in position.

By inclining the surfaces of the post away from the wooden members 14 the line-wires are prevented from bearing against the concrete material of the post, thus avoiding the danger of fracturing the corners of the post by the friction and strains imparted by the wires. Another advantage gained by inclining the surfaces of the post away from the wooden inserted member is that during rainstorms the water flows away from the wooden members and is less liable to lodge thereon or work in between the wood and the concrete material and rot the wood. The durability

of the device is thus materially increased and its value correspondingly increased.

Embedding the stay members 11 completely within the concrete of the posts is an important feature of the invention, as it is well known that metal thus protected will be thoroughly preserved and prevented from deterioration by the elements and will last as long as the concrete portions of the post.

It will thus be obvious that a very strong, rigid, and durable post is produced which may be inexpensively manufactured and in any required size and adapted to all the various forms of fences in common use.

Having thus described the invention, what is claimed is—

1. A concrete post having a metal stay member embedded therein and entirely surrounded by the concrete material, a wood member embedded in one side of the post and with one surface exposed, and tie members connecting the wooden member and metal stay member.

2. A concrete post having a metal stay member formed with lateral offsets at the ends embedded therein and entirely surrounded by the concrete material, a wood member embedded in one side of the post and

with one surface exposed, and tie members connecting the wooden member and metal stay member.

3. A concrete post having a metal stay member embedded therein and entirely surrounded by the concrete material, a wood member embedded in one side of the post and with one surface exposed and with the material of the post inclining away from said exposed surface at all sides, and tie members connecting the wooden member and metal stay member.

4. A concrete post for partially embedding in the ground, a metal stay member embedded in said post and entirely surrounded by the material of the same and extending below the surface of the ground, a wood member embedded in one side of the post and with one surface exposed, and tie members connecting the wooden member and metal stay member.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ROBERT SHERMAN PARIS.

Witnesses:

WM. F. PARIS, Jr.,

JOSEPH P. WILLIAMS.