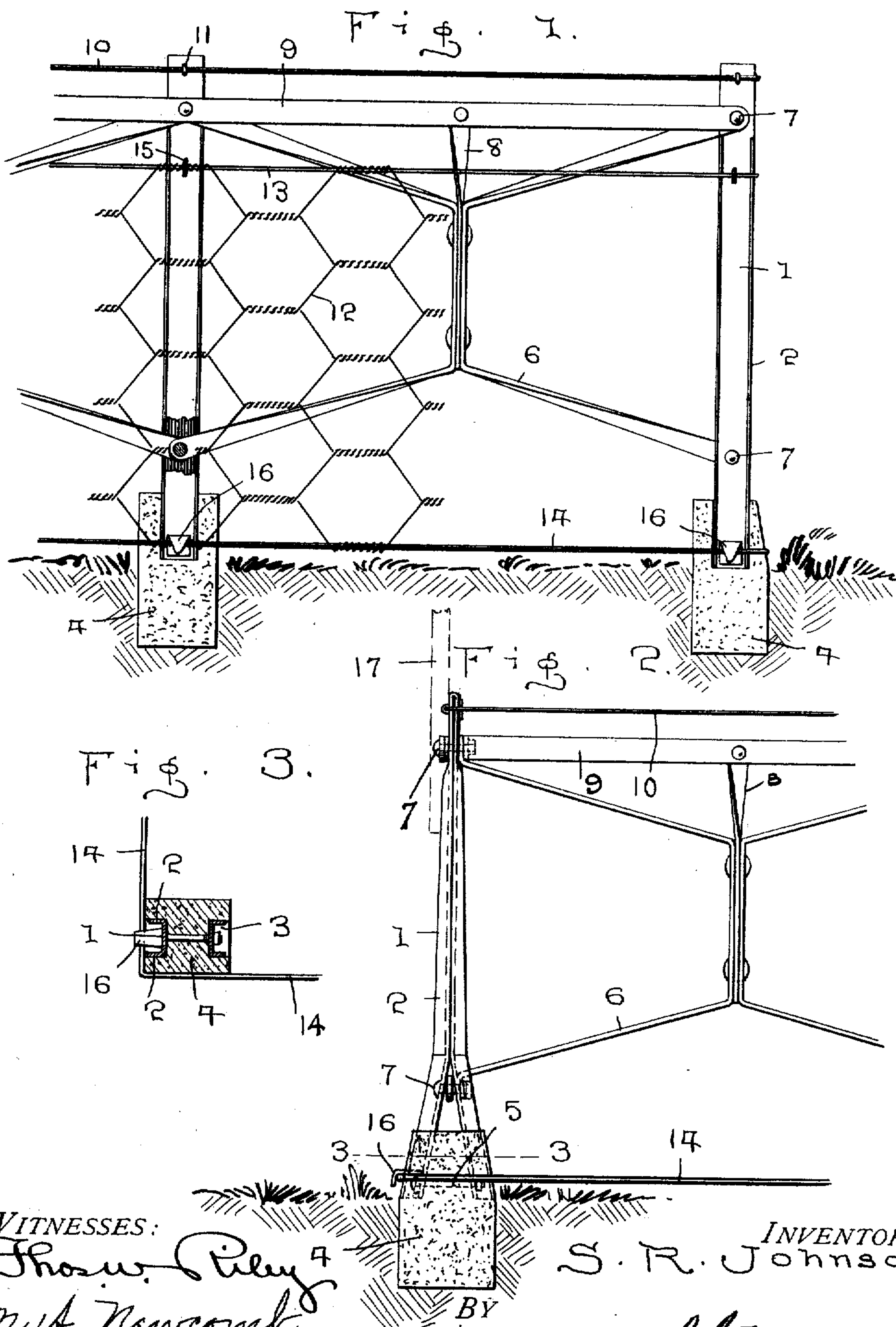


S. R. JOHNSON.
FENCE CONSTRUCTION.
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916,322.

Patented Mar. 23, 1909.



WITNESSES:

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UNITED STATES PATENT OFFICE.

SYLVESTER R. JOHNSON, OF WINSTON, MISSOURI.

FENCE CONSTRUCTION.

No. 916,322.

Specification of Letters Patent.

Patented March 23, 1909.

Application filed August 18, 1908. Serial No. 449,061.

To all whom it may concern:

Be it known that I, SYLVESTER R. JOHNSON, a citizen of the United States, residing at Winston, in the county of Daviess and State of Missouri, have invented certain new and useful Improvements in Fence Construction; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to new and useful improvements in fence construction and my object is to provide means for securing a metallic post to a concrete or other form of base.

A further object is to provide means for securely bracing the post throughout the length of the line of fence.

A further object is to provide means for securing a guard wire at the upper ends of the post and a still further object is to provide means for securing woven wire to the post.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the claim.

In the accompanying drawings which are made a part of this application, Figure 1 is an elevation of a section of the fence, showing the woven wire secured thereto. Fig. 2 is a detail view of a corner post and brace therefor, and, Fig. 3 is a sectional view as seen on line 3—3, Fig. 2.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 1 indicates my improved form of post, which is preferably constructed from sheet metal and is formed by doubling the strip of metal upon itself and providing the portions so folded with flanges 2, said flanges being formed along the edges of the strip and extended from the lower end of the post to a point near the upper end thereof. The lower ends of the folded sections of the post are separated to form a substantially V-shaped terminal, said separated portions being seated in channels 3 in the post base 4, said channels being formed on opposite faces of the base and are inclined to coincide with the inclination of the lower ends of the post-forming sections.

The base 4 is preferably formed of concrete or other plastic material and the lower portion thereof is seated in the earth's

surface, while that portion containing the channels 3 is extended above the earth's surface and in order to secure the post to the base, a bolt 5 is introduced through the two sections of the post and that portion of the base between the channels.

The posts are braced against lateral strain by means of brace bars 6, which bars are substantially U-shaped and the closed ends thereof are secured together in any preferred manner at a point midway between the posts, the extended ends of the brace being given a quarter turn and are secured to their respective posts by means of bolts or the like 7, the upper end sections of the brace bars engaging the posts at a point above the ends of the flanges 2, while the lower ends of the brace bars are entered between the separated ends of the post sections, as best shown in Fig. 2 and if preferred, a hanger 8 may be introduced and secured between the closed ends of the brace bars, the upper end of the hanger being secured to a base rail 9 extending longitudinally of the line of fence. The rail 9 is placed over the end of the upper sections of the brace bars and the bolts employed for securing the upper ends of the base bars to the posts, are also introduced through the rail, thereby forming a rigid brace for the post and holding the same against lateral movement.

One of the brace bars for the corner post is constructed slightly differently from the remainder of the brace bars, in that the bar is extended from one face of the post and the ends thereof are not given the quarter turn, as in the other braces and the end of the lower section instead of being introduced between the separated portions of the lower end of the post, is secured to the bolt on the outer face of one of the separated sections, this feature being clearly shown in Fig. 2.

To prevent stock from pushing and injuring the brace rail 9 and other parts of the fence construction, a guard 10 is stretched along the line of fence and secured adjacent the upper end of the posts in any preferred manner, as by means of staples 11, said guard being preferably constructed of heavy wire and in some instances may be provided with barbs (not shown), if so desired.

The body of the fence is preferably formed of a continuous strip of woven wire at the upper and lower edges of which

are provided stay wires 13 and 14, respectively, the stay wire 13 being secured to the post 1 by means of staples 15, while the lower stay wire is introduced into engagement with clips 16, at the lower ends of the posts, said clips being held in position by means of the bolts 5. The clips 16 are so arranged that the stay wire 14 will be held in the path of the bolt 5 so that if for any reason the nut employed for holding the bolt in position should become removed from the bolt, said bolt will be prevented from leaving the post and brace through which the same extends.

If a telephone line should be extended along the line of fence, supporting poles for the telephone wire may be readily secured to the fence post by forming the pole of metal and securing the lower end thereof to the post through the medium of the bolt 7 employed for securing the brace rail and upper ends of the brace bars to the post, this feature being shown by dotted lines in Fig. 2 of the drawings, the pole being designated by the numeral 17 and as the lower end of the pole is entered between the flanges 2 on the post, the pole 17 will be rigidly held in its vertical position.

The base members 4 may be formed of any suitable length and as the metallic parts secured thereto are supported above the

earth's surface, they will not be subjected to the moisture, as would be the case if the metallic parts extended into engagement with the earth, thereby preventing said parts from becoming destroyed by rust. It will further be seen that by constructing the post and brace members of sheet steel or similar metals, a very rigid construction will be provided and at a minimum cost and it will further be seen that any suitable form of wire may be readily attached to the posts or removed therefrom when desired.

What I claim is:

In a fence construction, a post and a base therefor, said post being formed of approximately U-shaped members arranged back to back throughout their greater length and bolted together, said members having their lower portions diverging and let into said base, a clip applied to said post within said base, a bolt member connecting said clip to said post members and a wire applied to said post and said base and engaged by said clip.

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

SYLVESTER R. JOHNSON.

Witnesses:

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M. L. EMERY.