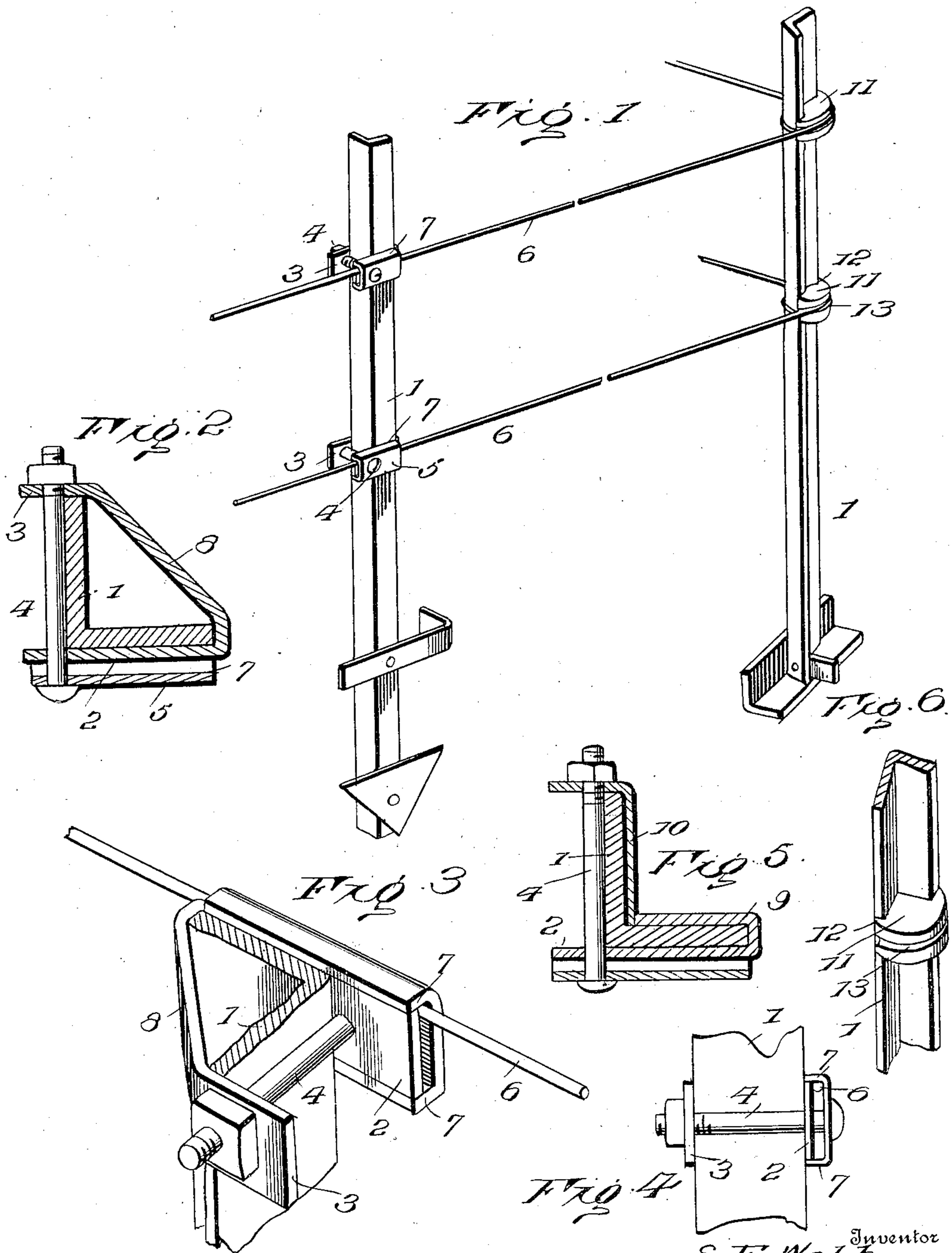


No. 862,298.

PATENTED AUG. 6, 1907.

S. F. WEBB.
CLAMP FOR FENCE WIRES.
APPLICATION FILED MAR. 12, 1907.



Witnesses

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SAMUEL F. WEBB, OF CHARLESTON, OKLAHOMA TERRITORY.

CLAMP FOR FENCE-WIRES.

No. 862,298.

Specification of Letters Patent.

Patented Aug. 6, 1907.

Application filed March 12, 1907. Serial No. 361,998.

To all whom it may concern:

Be it known that I, SAMUEL F. WEBB, a citizen of the United States, residing at Charleston, in the county of Woodward and Territory of Oklahoma, have invented certain new and useful Improvements in Clamps for Fence-Wires, of which the following is a specification.

The present invention relates to an improved means for securing fence wires to the upright supports or posts, and consists essentially of a novel form of clamp which is peculiarly designed so as to be readily applied to the post, easily adjusted to any desired vertical position thereon, and so as to rigidly clamp the wire in the required position.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of a portion of a wire fence showing the application of the invention; Fig. 2 is a horizontal sectional view through a fence post having one of the wire clamps applied thereto; Fig. 3 is a detail perspective view of the preferred form of clamp; Fig. 4 is a side view of a portion of a post having one of the clamps applied thereto; Fig. 5 is a horizontal sectional view showing a modification; and, Fig. 6 is a perspective view of the clamp employed in connection with corner posts.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The invention may be employed in connection with any suitable type of fence post such as that indicated at 1, which is formed of angle iron and has the lower end thereof which is designed to be embedded in the ground, provided with any approved form of anchoring means.

In general, the wire clamp embodying the present invention comprises a pair of approximately parallel arms 2 and 3, the arm 2 fitting against the outer face of one side of the post, while the arm 3 fits against the edge of the opposite leg of the angle iron constituting the post, the extremities of the two arms projecting outwardly beyond one side of the post and being connected by a fastening member such as the bolt 4. A plate 5 engaging with the bolt 4 coöperates with the long arm 2 of the clip to engage the fence wire 6 and clamp the same rigidly in the required position. In the specific construction of the clamping plate 5, it will be observed that the same is formed along its opposite longitudinal edges with the inwardly extending flanges 7 which fit against opposite edges of the long arm 2 and coöperate therewith to prevent any vertical displacement of the fence wire 6.

In the preferred form of the invention shown in

Fig. 2 the inner ends of the long arm 2 and short arm 3 of the clip are connected by an integral diagonal portion 8 which spans the space between the outer edges of the two legs of the angle iron of the fence post. With this construction it will be readily apparent that when the fastening member or bolt 4 is displaced, the clamping plate 5 will fall out of position and release the fence wire 6 and the clip itself can be readily removed laterally from the post 1. It will further be apparent that by loosening the bolt 4, the arms 2 and 3 of the clip will be loosened in such a manner as to enable the clip to be moved longitudinally upon the fence post and adjusted to any desired position thereupon.

A modification is shown in Fig. 5 in which the long arm 2 has the rear end thereof provided with a hook member 9 embracing one of the legs of the angle iron, while the inner end of the short arm 3 is provided with a lateral extension 10 fitting against the inner face of the opposite leg of the angle iron and engaging the inner extremity of the hook member 9 in such a manner that the clip is held rigidly in engagement with the fence post 1, when the bolt 4 has been tightened.

In connection with the corner posts, it is designed to employ blocks 11 fitting between the two legs of the angle iron and preferably having an approximately rectangular formation as shown in Fig. 6. Diagonally opposite corner portions of the blocks 11 are formed with side extensions 12 which project over the edges of the post, and the outer faces of the blocks 11 are formed with the grooves 13. In employing these blocks 11 upon a corner post, the fence wire 6 is wrapped around the post and is received within the grooves 13 whereby it is effectively held against vertical displacement.

Having thus described the invention, what is claimed as new is:

1. The combination of a post; a clip applied to the post and comprising a pair of approximately parallel arms fitting against opposite sides thereof and projecting beyond a side, a fastening member connecting the projecting ends of the arms, and a clamping plate engaged by the fastening member and coöperating with one of the before mentioned arms to form a wire clamp.

2. The combination of a post, a clip applied to the post and comprising a pair of approximately parallel arms fitting against opposite sides of the post and projecting beyond one side thereof, a fastening member connecting the projecting ends of the arms, and a clamping plate engaged by the fastening member and coöperating with one of the before mentioned arms to form a wire clamp, the said clamping plate being formed with outwardly extending flanges embracing the said arms.

3. The combination of a post, a clip embracing the post and formed with a pair of approximately parallel arms fitting against opposite sides of the post and projecting beyond one side thereof, a fastening member connecting the projecting ends of the arms, and a clamping plate formed with outwardly extending flanges embracing one of the

arms, the said clamping plate engaging the fastening member and coöperating with one of the arms for the purpose specified.

4. The combination of a post formed with angularly
5 disposed legs, an arm fitting against the outer face of one
of the legs and provided at one end with a hook member
engaging the edge of the leg while the opposite end pro-
jects outwardly beyond the post, a second arm fitting
against the edge of the opposite leg of the post and pro-
10 vided with a lateral extension engaging the end of the be-
fore mentioned hook member, the second mentioned arm
also projecting outwardly beyond the side of the post, a
fastening member connecting the projecting ends of the
two arms, and a clamping plate engaging the fastening

member and coöperating with the first mentioned arm for 15
the purpose specified.

5. The combination of a post, a clip applied to the post
and comprising a pair of approximately parallel arms em-
bracing opposite sides of the post and projecting beyond
one side thereof, a fastening member connecting the pro- 20
jecting ends of the arms, and a wire clamping member ap-
plied to one of the said arms.

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

SAMUEL F. WEBB. [L. S.]

Witnesses:

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