

No. 820,870.

PATENTED MAY 15, 1906.

R. L. HORSLEY.
FENCE STAY.

APPLICATION FILED MAR. 20, 1906.

Fig. 1.

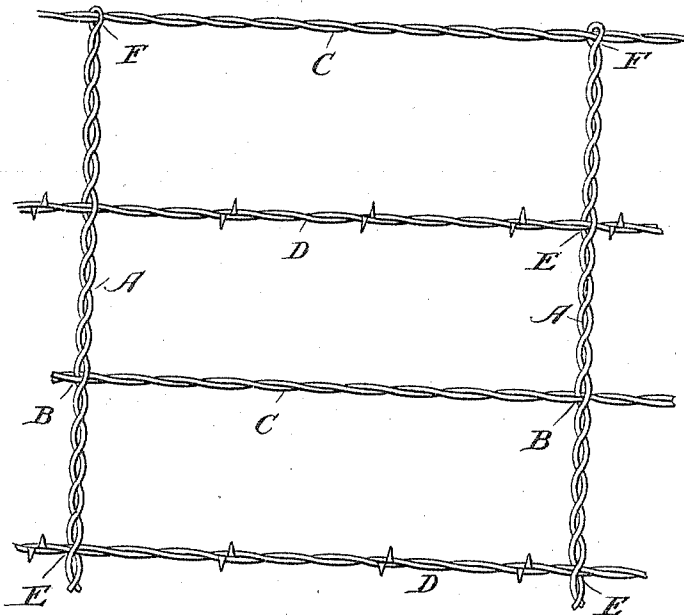
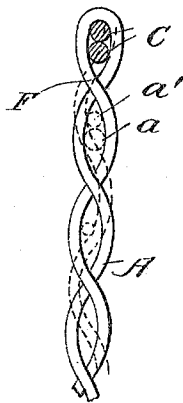


Fig. 2.



Witnesses:

J.W. Still.
Elwacington.

Inventor
By his Attorney, R. L. Horsley,
A. L. Jackson.

UNITED STATES PATENT OFFICE.

ROBERT L. HORSLEY, OF FORT WORTH, TEXAS, ASSIGNOR TO WORTH
WIRE WORKS, OF FORT WORTH, TEXAS, A CORPORATION OF TEXAS.

FENCE-STAY.

No. 820,870.

Specification of Letters Patent.

Patented May 15, 1906.

Application filed March 20, 1906. Serial No. 307,074.

To all whom it may concern:

Be it known that I, ROBERT L. HORSLEY, a citizen of the United States, residing at Fort Worth, Texas, have invented a new and Improved Fence-Stay, of which the following is a specification.

This invention relates to fence-stays, and more particularly to stays for bracing the line-wires of fences; and the object is to provide a stay which can be put on easily and quickly without any special tool and which forms a clamp in itself and requires no tie or binding-wire to hold the same in place.

Other objects and advantages will be fully explained in the following description, and the invention will be more particularly pointed out in the claims.

Similar characters of reference are used to indicate the same parts throughout both views.

Figure 1 is a side elevation of a section of fence provided with the improved stay. Fig. 2 is an enlarged view of a section of a stay, illustrating how the stay is adjustable so that it may be applied to line-wires of different sizes.

This invention is an improvement on the invention set forth in the patent to me issued November 21, 1905, No. 805,071, for fence-stays.

The stay herein described consists of a single wire or rod formed into a spiral and then bent and the two arms or legs of the spiral rod or wire then suitably twisted together until the two legs mesh with each other. The stay A, when thus formed, can be screwed down on the line-wires C and D. Where the line-wires are composed of two or more strands, the stay engages the wires C and D at points where one of the strands of the line-wires is directly above the other, so that the space between the two legs of the stay is required to equal only the diameter of one of the strands of the line-wires, as shown at E. One of the legs of the stay A may be passed between the strands of the line-wire, as at B. The stay is put on the line-wires by screwing the stay down on the wires until the stay has

been screwed down to the clamp F. This clamp is formed by forcing the two legs together at points in the legs which will be below the first line-wire when the stay is put on the line-wires. When the stay is screwed down until the clamp comes in contact with the top line-wire, the clamp is sprung on the top line-wire. The clamp will hold the stay against displacement from the line-wires, and no other fastening of the stay is necessary. The stay may be made adaptable for different sizes of line-wires. By making the stays with spirals having sufficient sweep to engage the largest size line-wires, as shown at a in Fig. 2, the stay is also adaptable for smaller wires, as at a'. The wire forming the stay may be bent at different points, so that the two legs will be longitudinally adjusted relative to each other. In Fig. 2 the dotted outline shows how the stay will engage a smaller wire when the two legs are adjusted longitudinally relative to each other.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A stay for fences comprising a wire formed into a spiral and bent upon itself and the two parts twisted together and meshing with each other and having a clamp formed of the two parts at a distance from the bent portion of said wire.

2. The combination of the line-wires of a fence and a stay therefor, said stay consisting of a wire formed into a spiral and bent upon itself and the two parts meshed together and having a clamp formed of the two parts at a distance from the bent part thereof, said stay being screwed on the said line-wires and said clamp being sprung on the top line-wire of the fence.

In testimony whereof I set my hand, in the presence of two witnesses, this 27th day of February, 1906.

ROBERT L. HORSLEY.

Witnesses:

A. L. JACKSON,
J. W. STITT.