

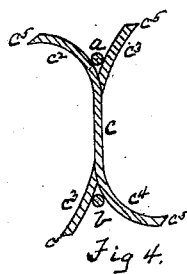
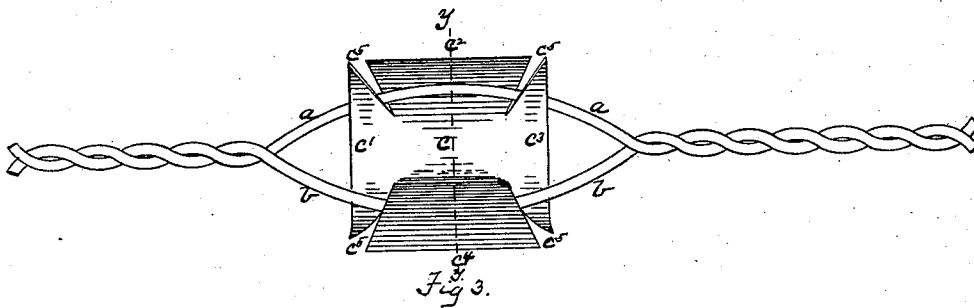
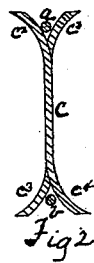
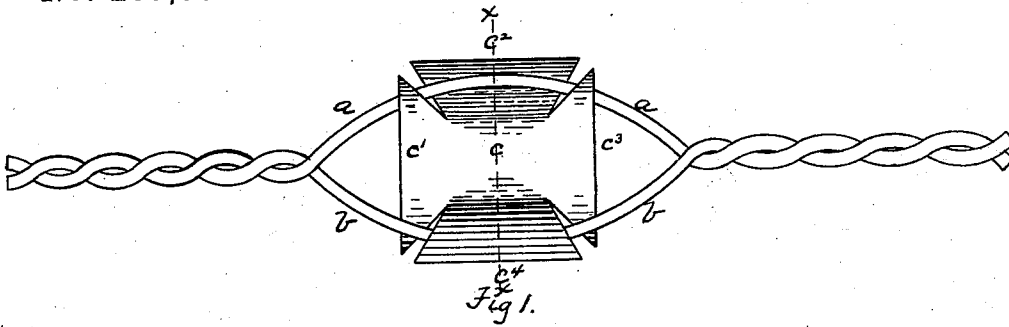
(No Model.)

J. STUBBE.

WIRE FENCE.

No. 287,337.

Patented Oct. 23, 1883.



Witnesses -

W. B. Corwin  
J. H. Smith

Inventor -

John Stubbe  
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# UNITED STATES PATENT OFFICE.

JOHN STUBBE, OF PITTSBURG, ASSIGNOR TO THOMAS B. KERR, OF ALLEGHENY CITY, PENNSYLVANIA.

## WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 287,337, dated October 23, 1883.

Application filed June 27, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN STUBBE, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Wire Fences; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to the application of warning plates or devices for rendering a wire fence visible to cattle, in order that they may avoid the barrier, and thus, in case of the fence being provided with barbs, reduce the liability of their coming against it and being lacerated by the barbs.

To enable others skilled in the art to make and use my invention, I will now describe it by reference to the accompanying drawings, in which—

Figure 1 is a side view of my improved fence-wire. Fig. 2 is a section on the line *xx* of Fig. 1. Fig. 3 is a side view of my improvement when provided with projecting barbs. Fig. 4 is a cross-section on the line *yy* of Fig. 3.

Like letters of reference indicate like parts in each.

Referring now to Figs. 1 and 2, *a b* indicate the strand-wires, and *c* the warning-plates. The wires *a b* are twisted together and the warning-plate is placed between them, the wires passing between the severed and divided opposite edges, in order to secure the plate tightly in place. When the wire is galvanized, the galvanizing material, being applied after the application of the plates *c*, welds the wires and plate together, and thus further secures the latter firmly to the wires. The plate *c* is

cut diagonally at the corners a sufficient distance to form four dovetailed portions, *c' c'' c''' c''''*. The wires are passed in front of the part *c''*, back of the upper points of *c' c'''*, behind the part *c''''*, and in front of the lower points of *c' c'''*. In Figs. 3 and 4 the points of the parts *c' c'' c''' c''''* are turned outward and constitute barbs *c<sup>5</sup>*. In this case the fence-wire is designed for use as a barb-wire.

The advantages of my improvement consist in the lightness and cheapness of the wire, the ease with which the plates can be applied thereto, and the certainty of the hold upon the plates, there being little or no danger of the plates being detached and lost from the wire. The plates can be cut out by dies in a press and applied to the wires when being twisted together. A wire thus made is perfectly visible to an animal, and can be used alone for the purpose of constituting a fence or in connection with ordinary barbed wire.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the wires *a b* with sheet-metal warning-plates cut diagonally at the corners, forming dovetailed sections, and secured to the wires by passing the latter between opposite sections and the adjacent points of the intermediate sections, substantially as and for the purposes described.

In testimony whereof I have hereunto set my hand this 13th day of June, A. D. 1883.

JOHN STUBBE.

Witnesses:

W. B. CORWIN,  
JNO. K. SMITH.