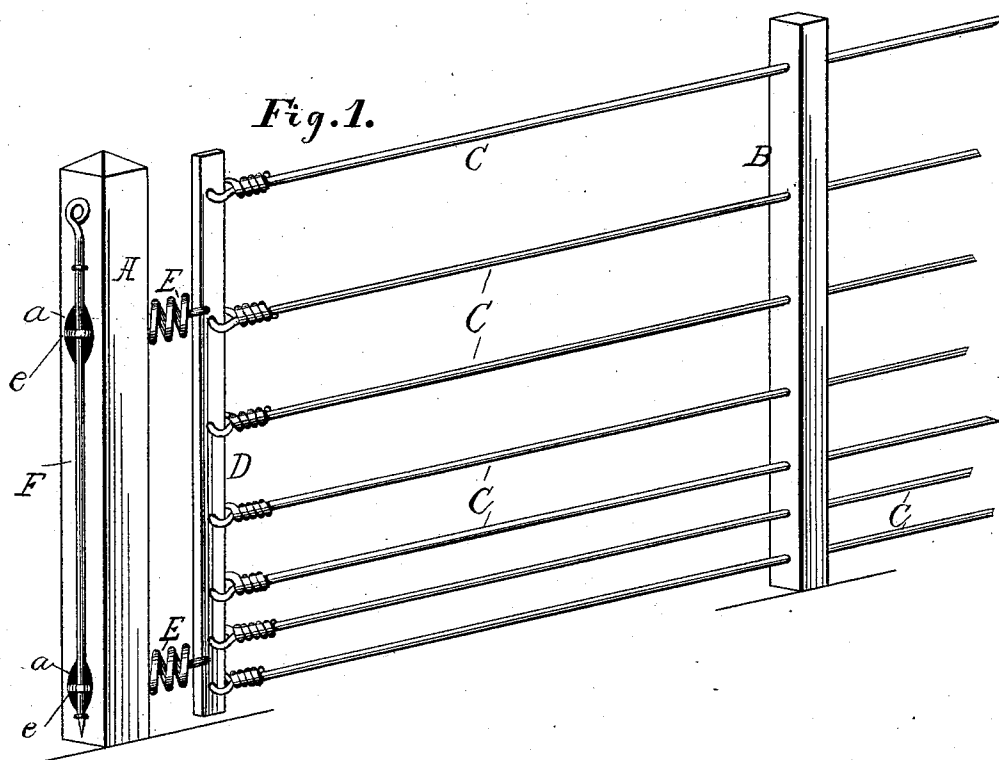
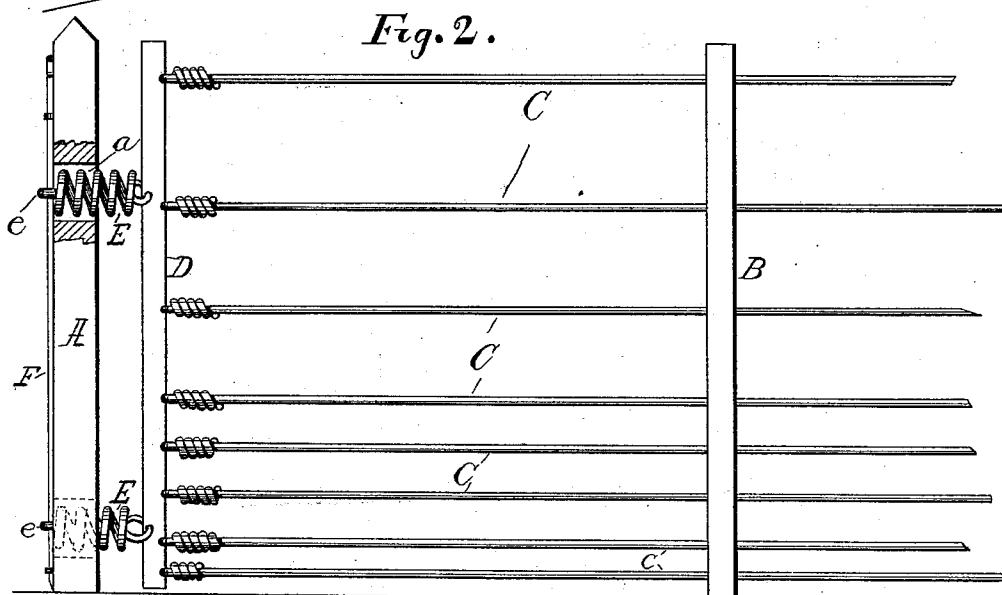


(No Model.)

I. G. WHITE.
WIRE FENCE.

No. 349,377.

Patented Sept. 21, 1886.



WITNESSES
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UNITED STATES PATENT OFFICE.

ISAAC G. WHITE, OF ADAMS, INDIANA.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 349,377, dated September 21, 1886.

Application filed June 19, 1886. Serial No. 205,635. (No model.)

To all whom it may concern:

Be it known that I, ISAAC G. WHITE, a citizen of the United States, residing at Adams, in the county of Decatur and State of Indiana, have invented certain new and useful Improvements in Wire Fences; 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 improvements in fences, particularly that class of fences wherein wire is used for the runners; and my said invention consists in combining, with the wire runners and end posts of such a fence, a vertically-arranged supplemental bar, to which the wires are secured, spiral springs uniting said bar and end post, and a pin secured to the post and passing through the springs, substantially as and for the purposes as will hereinafter more fully appear.

The object of my invention is, while providing an elastic connection between the extremities of the wires composing the fence and the end posts thereof, (so that the ordinary expansion and contraction of the wires will be compensated for without affecting said posts, and they will always be kept straight and taut, and the sagging of the post prevented,) to so construct the parts that the ends of each wire will have a rigid fastening, and may be removed at pleasure without affecting any of the others, or the whole series of wires composing the panel quickly and at once disconnected from the post without changing the relative positions of each wire or disconnecting the same when desired to reset the said post or for other purposes.

For a better understanding of the details of construction and arrangement of my invention, reference must now be had to the accompanying drawings, in which—

Figure 1 represents a view in perspective of the end panel of a wire fence constructed according to my invention, and Fig. 2 a side elevation, partly in section, of the same.

A is the large end post of the fence, and B one of the intermediate posts.

C C represent the wire runners, which may be barbed or otherwise, as directed, and either runs through or are attached to the face of the intermediate posts, B. As will be observed, the wires C are not attached to the post A, but are fastened to a supplemental bar or upright, D, at the top and bottom ends of which are secured spiral springs E, which in turn are made fast to the post A, whereby the connection between the said post and the wires composing the runners of the fence is effected. As here shown, these springs E pass through holes *a* in the post A, and are secured at the rear thereof by a pin, F, which passes through a loop, *e*, of the springs; but said springs may be secured to the side of the post or inner face thereof, as desired. The arrangement shown is, however, preferred. The advantages of this construction are, that the entire panel may be easily and quickly disconnected from the post by simply removing the pin F, when desired to reset the post A, or for other purposes, and while an elastic connection is given to the entire series of wires, each individual one has a rigid fastening to a rigid bar, which in effect takes the place of the post.

I am aware that the extremities of the wires composing a wire fence have before been connected directly to the end post by a spiral spring; also, that it is common to attach vertically-arranged supplemental bars to the ends of wire sections of fences, and to connect said wires with straining devices. This, therefore, I lay no broad claim to; but

What I do claim as my invention, and desire to secure by Letters Patent of the United States, is as follows, viz:

The combination, in a wire fence, of the wires C, posts A B, vertically-arranged supplemental bar D, to which the wires are secured, spiral springs E, uniting said bar and end post, and pin F, secured to the post A and passing through the springs E, substantially as and for the purposes described and shown.

ISAAC G. WHITE.

In presence of—

WILLIAM A. GLASS,
WILLIAM H. HAZELRIGG.