H. MILLER.

WIRE FENCE STAY.

APPLICATION FILED MAY 21, 1917.

1,237,671. Patented Aug. 21, 1917.

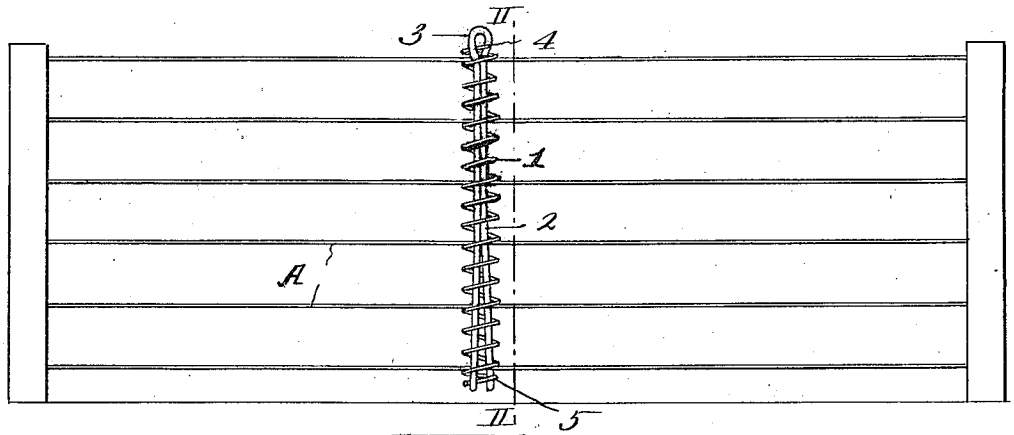

FIG. 1.

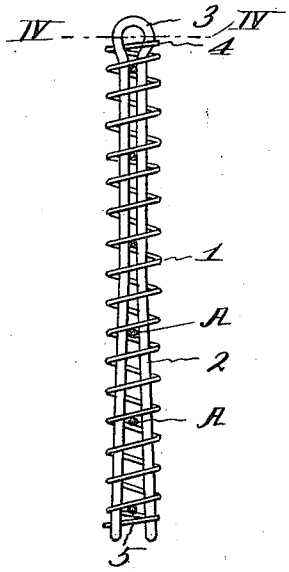

FIG. 2.

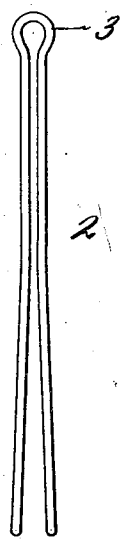

FIG. 3.

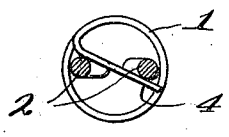

FIG. 4.

WITNESS:

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UNITED STATES PATENT OFFICE.

HARRY MILLER, OF KANSAS CITY, KANSAS.

WIRE-FENCE STAY.

1,237,671. Specification of Letters Patent. Patented Aug. 21, 1917.

Application filed May 21, 1917. Serial No. 170,053.

To all whom it may concern:

Be it known that I, HARRY MILLER, a citizen of the United States, residing at Kansas City, in the county of Wyandotte and State of Kansas, have invented certain new and useful Improvements in Wire-Fence Stays, of which the following is a specification.

My invention relates to certain new and useful improvements in fence stays, and one object is to provide a stay of this character having novel and improved means for effectively bracing and spacing the wires of a fence.

Another object is to provide a device of this character which may be readily placed in position on a wire fence or removed therefrom.

A further object of the invention is the provision of a device of this character which possesses the advantages and points of durability, and efficiency, is inexpensive to manufacture, and of simple construction.

With the above and other objects in view, the invention may be said to consist in the novel features of construction, combination, and arrangement of parts hereinafter described and more particularly pointed out in the claims.

In the accompanying drawing forming a part of this application:

Figure 1 is a side elevation showing the application of the stay to a fence.

Fig. 2 is a vertical section on line II—II of Fig. 1.

Fig. 3 is a detail side elevation of a retaining fork forming an important feature of the invention.

Fig. 4 is a horizontal section, enlarged, on line IV—IV of Fig. 2.

As herein embodied the fence stay comprises a coil of wire 1 and a retaining fork 2, which latter has a resilient loop 3 at its upper portion which permits the prongs of said fork to be pressed together preparatory to their being placed through the coil 1. The ends 4 and 5 of the coil extend transversely across the center thereof (Fig. 4), to engage the two prongs of the fork, so that the latter may tension the former, for a purpose hereinafter described.

In placing the stay in position upon a fence, the coil 1 is placed vertically, so that each of the fence wires A enters into one of the spaces formed between the convolutions of said coil. The lower ends of the prongs are then placed astride the transverse upper end 4 of the coil and pushed downwardly through said coil and astride of said fence wires A. Before the prongs reach the lower portion of the coil the same is wound up and the prongs are placed astride the lower end 5 to retain the coil under tension, so that it will tend to rotate the fork 2 and thus firmly bind its prongs against the opposite sides of the fence strands. The friction thus created reliably holds the stay in place, so that it cannot readily be shifted out of place by moving it longitudinally of the fence wires.

When in position on a fence the stay prevents cattle from spreading the fence strands apart.

While I have shown and described the preferred form of my invention, it is obvious that various changes in the details of construction and in the proportions can be resorted to for successfully carrying out my invention, without sacrificing any of the principles of the invention or departing from the scope of the appended claims.

Having thus described my invention, what I claim and desire to secure by Letters Patent, is:

1. In a stay for wire fences, a coil adapted to engage the strands of the fence, and a retaining fork adapted to be introduced through said coil and astride of the fence strands to reliably hold the device in position thereon.

2. A stay for wire fences, comprising a coil adapted to engage the fence strands and having transverse ends extending across said coil, and a retaining fork having two prongs connected by a resilient loop and adapted to straddle the fence wires and be passed through the coil and engage the transverse ends thereof, for the purpose set forth and described.

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

HARRY MILLER.

Witnesses:
F. G. FISCHER,
L. J. FISCHER.