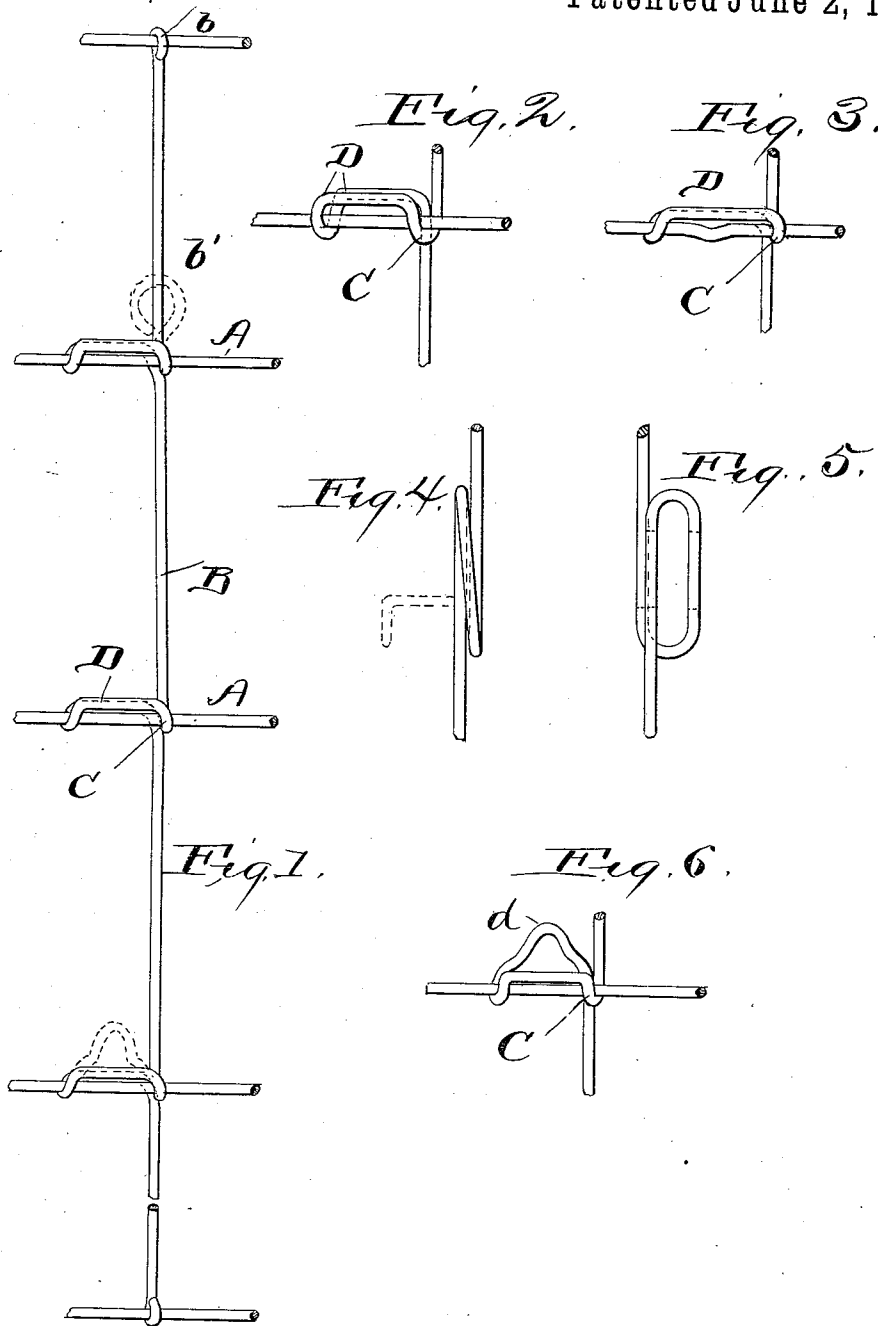


(No Model.)

S. C. DAVIS.
STAY FOR WIRE FENCES.

No. 561,158.

Patented June 2, 1896.



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UNITED STATES PATENT OFFICE.

SIMEON C. DAVIS, OF CLEVELAND, OHIO.

STAY FOR WIRE FENCES.

SPECIFICATION forming part of Letters Patent No. 561,158, dated June 2, 1896.

Application filed December 2, 1895. Serial No. 570,819. (No model.)

To all whom it may concern:

Be it known that I, SIMEON C. DAVIS, of Cleveland, Cuyahoga county, Ohio, have invented certain new and useful Improvements in Stays for 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 pertains to make and use the same.

My invention relates to stays for wire fences, and more particularly to that class of stays which are quickly placed in position, and when thus placed and clenched grip the line-wires firmly or tightly and thus prevent slipping.

My invention consists in providing a stay constructed or formed of wire, which is looped at suitable intervals, the said loop when suitably bent forming the rests and clamp for the line-wires in such a manner as that the line-wires are caused to rest at the lower end of the clamps and prevented from upward displacement by means of bending a portion of the loop over or against the line.

In the drawings, Figure 1 is a view in perspective of a fence-stay embodying my invention, showing my preferred method of forming and securing the same. Fig. 2 is an enlarged view showing the construction of the clamp more clearly and showing the clamp or clasp open and before it is clenched on the line-wire of the fence. Fig. 3 shows the clamp illustrated in Fig. 2 after the same has been fastened or clenched on the line-wire. Figs. 4 and 5 illustrate the mode of forming my preferred construction of clamp. Fig. 6 illustrates a mode of ornamentation which may be used in connection with my stay.

A A represent the line-wires of a fence, which, as usual, span the space between posts and are suitably secured thereto. B represents the wire stay, which is provided with clamps C, located at suitable intervals along the stay-wire. It will be noticed that the clamps C are so formed that they are located to one side of the stay-wire and that the line-wire rests, when in proper position, directly on the bottom or lower portion of the clamp or clasp, and it will also be noticed that the protruding portion D, which forms one of the loops connecting the U-shaped rests of the

clamp when clamped over or onto the line-wire, as shown in Figs. 1 and 3, prevents the upward displacement of the line-wire and holds it in proper position.

In forming the clamp which acts as the line-wire clasp or stay I take a piece of wire of suitable gage or size and length and at suitable intervals I form an elongated loop, as shown in Figs. 4 and 5. This loop I then bend, as shown in Fig. 4, dotted lines, which forms the stay or clasp shown in Figs. 1, 2, and 3.

It will be seen that by my construction, as just described, two U-shaped rests are formed, in which the line-wire rests, one of the U-shaped rests being approximately in line with the vertical wire of the stay and the other being off to one side thereof, as shown. This allows of either or both of the connecting loops or members D, which connect the two U-shaped rests, being clamped over the line-wire to retain it in place.

Fig. 6 illustrates a mode of forming the clamp so that an ornamentation of any desired and suitable pattern can be added. This is accomplished by forming the rear member *d* of the loop so that it extends upward, and then forming it into any desired suitable ornamental shape, such as shown.

I have shown in Fig. 1 two modes of finishing the upper end of the stay-wire looped around the upper line-wire, one, as at *b*, and the other representing the upper end of the stay-wire formed into a ring, as shown in dotted lines *b'*.

In Fig. 3 of the drawings I have shown the line-wire with a "kink" or bend in it, which prevents said wire from longitudinal displacement and also prevents the stay from being moved along the line-wire and distorted.

What I claim is—

1. A stay for wire fences provided at that part which engages the line-wires, with two U-shaped rests, one of said rests being approximately on line vertically with the stay and the other rest being located a short distance to one side of the stay, substantially as and for the purpose shown and described.

2. A stay for wire fences provided at that part which engages the line-wires, with the two U-shaped rests, one of said rests being

approximately on line vertically with the stay
and the other rest being located a short distance
to one side of the stay, both of said
rests being connected by a loop, either of
5 which is adapted to be bent over the line-
wire to hold it in place, substantially as set
forth.

In testimony whereof I sign this specification,
in the presence of two witnesses, this
22d day of November, 1895.

SIMEON C. DAVIS.

Witnesses:

W. E. DONNELLY,
ELLA E. TILDEN.