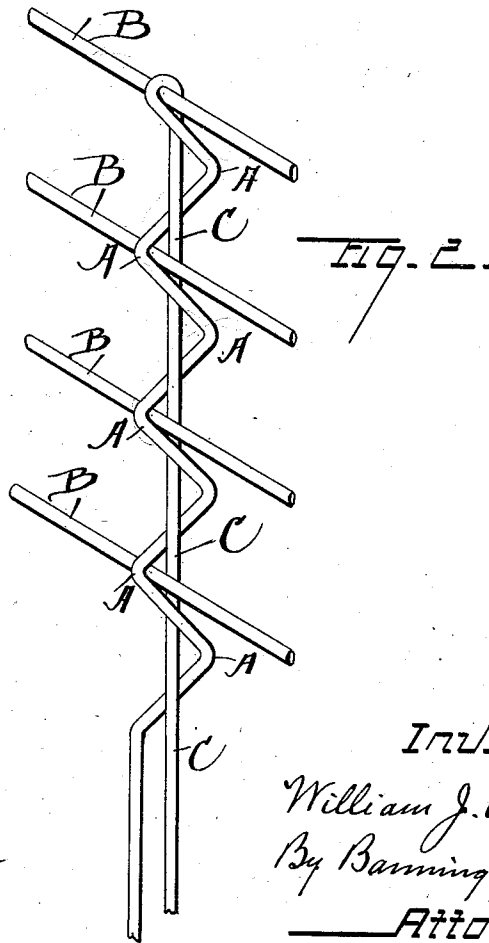
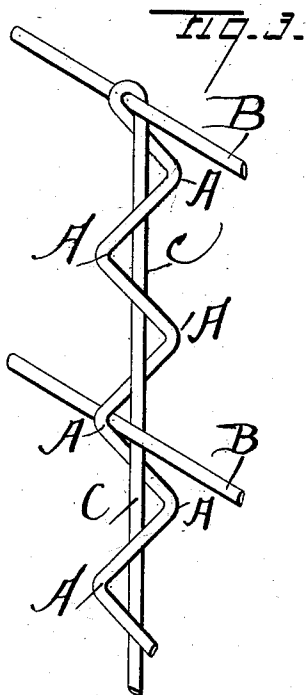
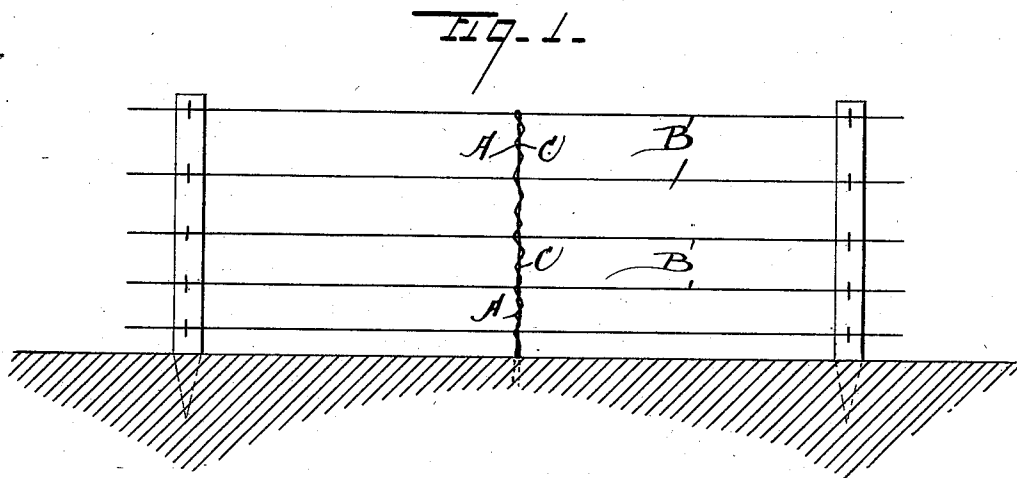


(No Model.)

W. J. ADAM.
STAY FOR WIRE FENCES.

No. 373,917.

Patented Nov. 29, 1887.



WITNESSES

W. S. Paré
George C. Cook

INVENTOR

William J. Adam.
By Banning & Banning.
ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM J. ADAM, OF JOLIET, ILLINOIS.

STAY FOR WIRE FENCES.

SPECIFICATION forming part of Letters Patent No. 373,917, dated November 29, 1887,

Application filed June 29, 1886. Serial No. 206,654. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. ADAM, a citizen of the United States, residing at Joliet, Illinois, have invented certain new and useful
5 Improvements in Stays for Wire Fences, of which the following is a specification.

In the drawings, Figure 1 is a side elevation of a wire fence provided with one of my stays. Fig. 2 is an enlarged view of the stay
10 with the strand-wires in place, and Fig. 3 is a view of a modification of the same.

In making my improved stay for wire fences I take a piece of wire of a kind and size suitable for the purpose and bend it back
15 and forth for a portion of its length. These bends or turns A may be at different distances apart, if desired, and so that the strand-wires B will lie in every other bend or in every
20 third or fourth bend. After making these alternate bends back and forth along the stay-wire a sufficient distance to accommodate the number of strands in the fence from the bottom to the top, I bend the wire short around
25 and bring it down straight. I thus have a stay which strides the fence-wires, and which is bent back and forth for about one-half its distance and straight for the balance.

In placing this stay on a wire fence I first push the end of the wire extending down from
30 the bent portion of the stay into the ground, and place the various strand-wires of the fence into those bends or turns which hold them at the proper distances apart and in the position where it is intended for them to remain. The straight portion of the wire C,
35 which is on the other side of the fence and striding the top wire or strand, is then interwoven or interlaced, so to speak, with the different turns and bends in the other portion
40 of the stay. This may be done by bending such wire under one member of each bend and over the other member of each bend, as shown in Fig. 2. To do this the straight portion of the stay would have to be brought into
45 nearly a horizontal position in order to pass it by each one of the strand-wires in succession.

In the interweaving shown in Fig. 2 the straight portion of the wire would have to be
50 brought to the left until its end would pass

over the second strand from the top, then around to the right until its end would pass over such second strand on the right-hand of the stay, when it would be brought down
straight, placing the wires in the position
55 shown between the top strand and the second strand from the top. It would then be brought to the left until its end could be lifted over the third strand from the top, when it would be brought again to the right and its
60 end pass over such third strand and down. This would give the interweaving shown between the second and third strands from the top. This method would be pursued with each succeeding strand and space between the
65 strands.

In forming the interweaving shown in Fig. 3 the straight portion of the stay would be brought to the left until its end would pass over the second strand from the top, then
70 around to the right until its end would pass over such second strand on the right-hand of the stay, when it would be brought down straight, placing the wires in the position
75 shown between the top strand and the second strand from the top. This operation should be repeated with each strand and each space between the strands. In bringing the straight portion to the right, however, the bend between the strands should be lifted up each
80 time, so that the straight portion of the wire would pass beneath. In this way I interweave the parts as shown in Fig. 3.

From the above it will be seen that the main ideas or features of my invention consist
85 in a stay comprising two main portions formed from one continuous piece of wire, one bent back and forth to afford receptacles in which the strand-wires can lie and be locked in place, and the other—a straight portion—to pass
90 over the top strand of the fence and to be interwoven or interlaced with the various bends in the bent portion until all of the strands have been fastened in place.

What I regard as new, and desire to secure
95 by Letters Patent, is—

1. A stay for wire fences, comprising a straight wire and a bent wire integral therewith and striding the fence, the strand-wires being held and stayed in the turns of the bent
100

wire by the straight wire, substantially as described.

2. A stay for wire fences, comprising a straight wire and a bent wire integral there-
5 with and striding the fence, the strand-wires being held and stayed in the turns of the bent wire by the straight wire interwoven with the

turns of the bent wire, substantially as described.

WILLIAM J. ADAM. ✓

Witnesses:

EPHRAIM BANNING,
CURTIS B. BRAINARD.