(No Model.)

S. PECK.

WIRE FENCE.

No. 590,462. Patented Sept. 21, 1897.

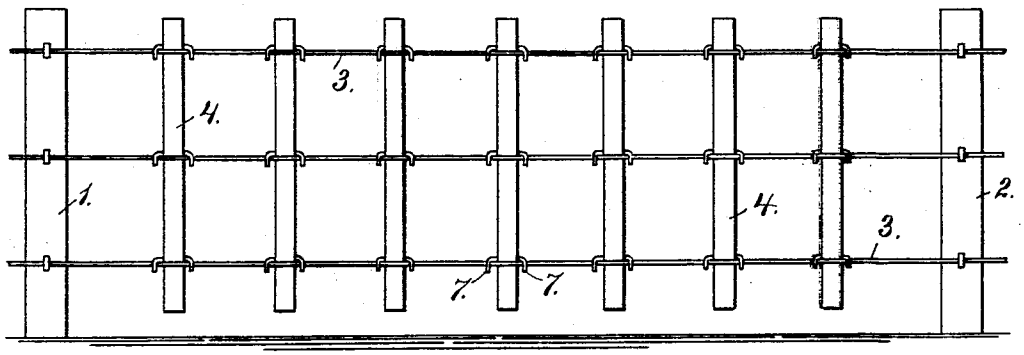

Fig. 1.

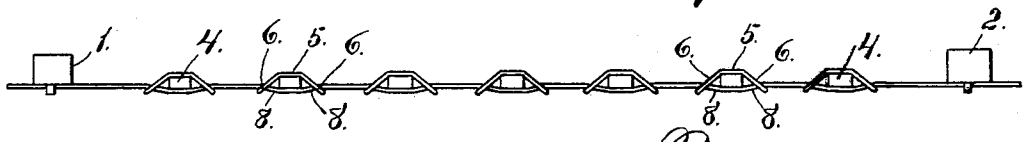

Fig. 2.

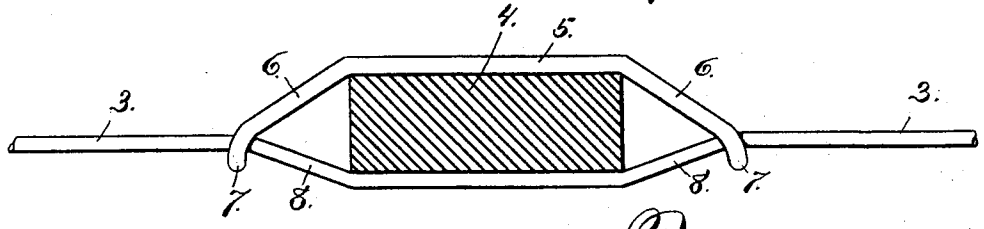

Fig. 3.

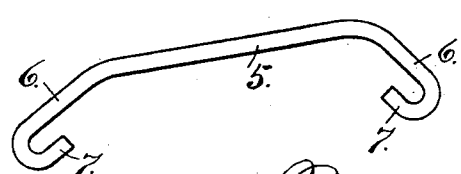

Fig. 4.

Witnesses.

[illegible]

C. B. Butler.

Inventor.

Silate Peck

by W. T. Miller

Attorney.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

SILSBE PECK, OF NAPLES, NEW YORK.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 590,462, dated September 21, 1897.

Application filed March 12, 1897. Serial No. 627,233. (No model.)

To all whom it may concern:

Be it known that I, SILSBE PECK, a citizen of the United States, residing at Naples, in the county of Ontario and State of New York, 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, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in wire fences, and more particularly to improved means for securing and holding in place the stays or slats forming a component part of the fence.

The object of my invention is to provide means for securing the stays or slats to the horizontal wires so constructed and applied as to maintain a permanent and uniform grip upon the stays or slats during varying degrees of tension of the horizontal wires produced by changes in temperature.

To that end my invention consists in the combination, with the horizontal wires and vertical stays or slats, of a rigid wire loop having inclined hooked ends, such loop extending around three sides of the stay or slat and removably and adjustably engaging the horizontal wires in an inclined direction.

I will now describe the manner in which I have carried out my invention and then claim what I believe to be novel.

In the drawings, Figure 1 is a front elevation, and Fig. 2 is a top plan view, of my improved fence. Fig. 3 is an enlarged detail top plan view showing the manner of securing the stay or slat to the horizontal wire, and Fig. 4 is a perspective view of my improved fastener.

Referring to the drawings, Figs. 1 and 2 show a section of my improved fence, in which 1 and 2 are the end posts, between which are stretched the horizontal wires 3, and 4 are a series of vertical stays or slats secured to the wires 3 at their junctions with the same. These stays 4, as shown in the drawings, are preferably flat or rectangular strips of hard wood, although light thin channel-irons could be employed, if desired.

My improved loop or fastener is of wire and consists of the main straight portion 5 and the ends 6 6, inclined to the main portion 5 at an angle of about sixty degrees and provided at their outer ends with the hooks or bends 7 7. To attach these loops around the stays 4 and to the wires 3, as shown in the drawings, the stay 4 and wire 3 are together caught in a suitable tool constructed for the purpose and the wire 3 bent or inclined inwardly on each side of the stay 4, as at 8 8, at about an angle of thirty degrees. In this position the loop or fastener is dropped into position with its hooked ends 7 7 engaging with the wire 3, and when the grip of the tool is released the loop becomes permanently engaged to the wire 3, the tension of which serves to hold the stay 4 in rigid position against vertical displacement. Now when the tension of the stretched wire 3 varies under different atmospheric temperatures the hooked ends 7 7 of the loop are permitted to move slightly upon the wire 3 as it stretches or tightens, thus permitting the grip of the fastener or loop to remain practically normal during varying conditions of the tension of wire 3 and insuring at all times a stable attachment of the stay with the wire.

I am aware that ordinary staples have been employed to secure corrugated or notched wire to the stays, but this style of fence is not applicable to my present invention, as the corrugated horizontal wires are not and cannot be under tension, and my improved loop or fastener is necessarily different in shape and differently applied.

I claim—

In a wire fence the combination with the horizontal wire and the vertical stay or slat of a rigid wire loop or fastener having inclined hooked ends such rigid loop extending in contact with the side of the vertical stay or slat opposite to the horizontal wire and being removably and adjustably engaged with the horizontal wire by means of its inclined hooked ends so as to maintain a permanent and uniform grip upon the stay or slat during varying degrees of tension of the horizontal wire produced by changes in temperature.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SILSBE PECK.

Witnesses:
W. T. MILLER,
C. B. BUTLER.