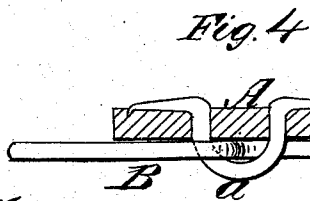
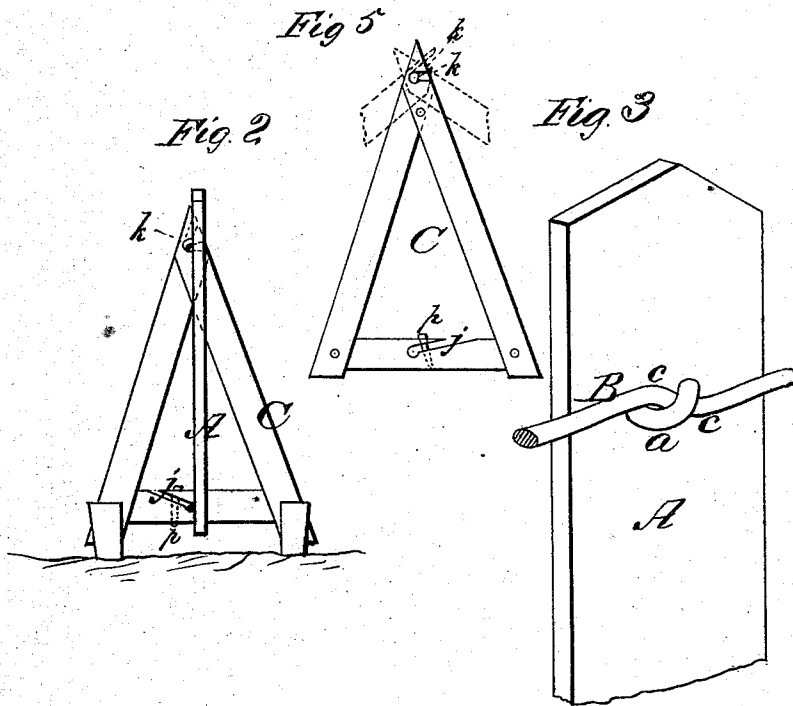
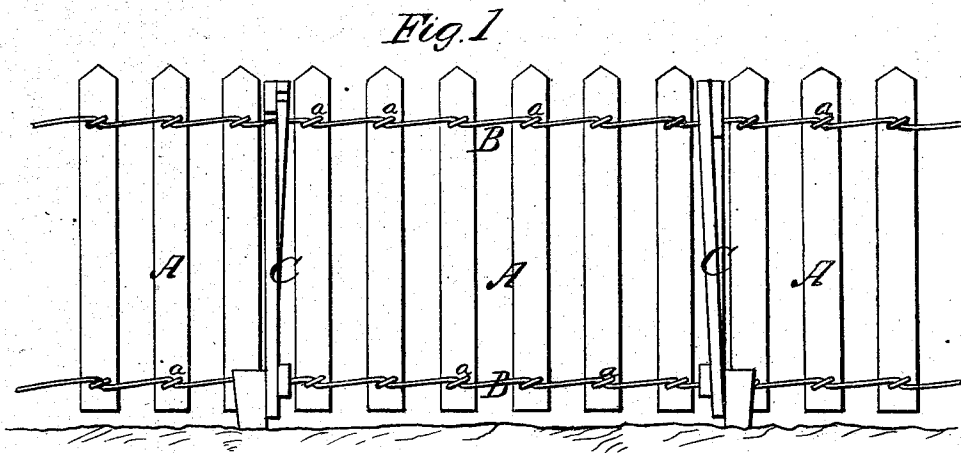


J. A. LITTLE.
Wire-Fence.

No. 159,691.

Patented Feb. 9, 1875.



WITNESSES
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UNITED STATES PATENT OFFICE.

JAMES A. LITTLE, OF CARTERSBURG, INDIANA.

IMPROVEMENT IN WIRE FENCES.

Specification forming part of Letters Patent No. 159,691, dated February 9, 1875; application filed July 18, 1874.

To all whom it may concern:

Be it known that I, JAMES A. LITTLE, of Cartersburg, in the county of Hendricks and State of Indiana, have invented a new and valuable Improvement in Wire Fence; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a front view of my wire fence. Figs. 2, 3, and 5 are detail views of the same. Fig. 4 is a sectional view of the same.

This invention has relation to fences in which the pickets are held by wires; and it consists in a novel mode of inserting the staples into the pickets, whereby a much stronger and more rigid attachment of the pickets to the wires can be made without liability of splitting the pickets, as will be hereinafter explained.

In the annexed drawings, A A designate the fence-pickets; B B, the wires to which they are secured, and C are the triangular braces or stays, arranged at such distances apart as will sustain the fence in an upright position. For securing the pickets A to the wires B B I use the common staples *a*, and instead of driving these staples with one prong directly above the other, and in line with the grain of the wood, I drive the staples at or nearly at right angles to such position, thus avoiding any liability of splitting the pickets, and giving the staples a firmer hold in the wood than

is the case under the old method. Before driving each staple I kink or bend the wire B, as shown in Fig. 3, at *c c*, and insert the staple, so that the wire passes beneath one portion of it and over the other. This kinking of the wires prevents the pickets from slipping out of place.

The braces C are of triangular form, and each brace is composed of three pieces, *b b b'*, secured together in a suitable manner. The upper ends of the two pieces *b b* have saw-kerfs *i i* in them, and, when these ends are in the position shown in Fig. 5 in dotted lines, one of the kerfs *i* will receive the wire; then, by adjusting the pieces *b b*, as shown in full lines in Fig. 5, the other kerf will receive the wire and form the attachment. An oblique kerf, *j*, in the piece *b'* receives the lower wire, B, and a pin, *p*, prevents detachment of this piece.

By thus constructing the braces they can be readily applied to or detached from the fence-wires.

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

The inclined staples *a*, in combination with the pickets A and wire stringers B, as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JAMES A. LITTLE.

Witnesses:

JACOB VANDEGRIFT, Jr.,
THOMAS HANNAH.