

(No Model.)

E. J. GRIFFIN.
WIRE FENCE.

No. 535,985.

Patented Mar. 19, 1895.

Fig. 1.

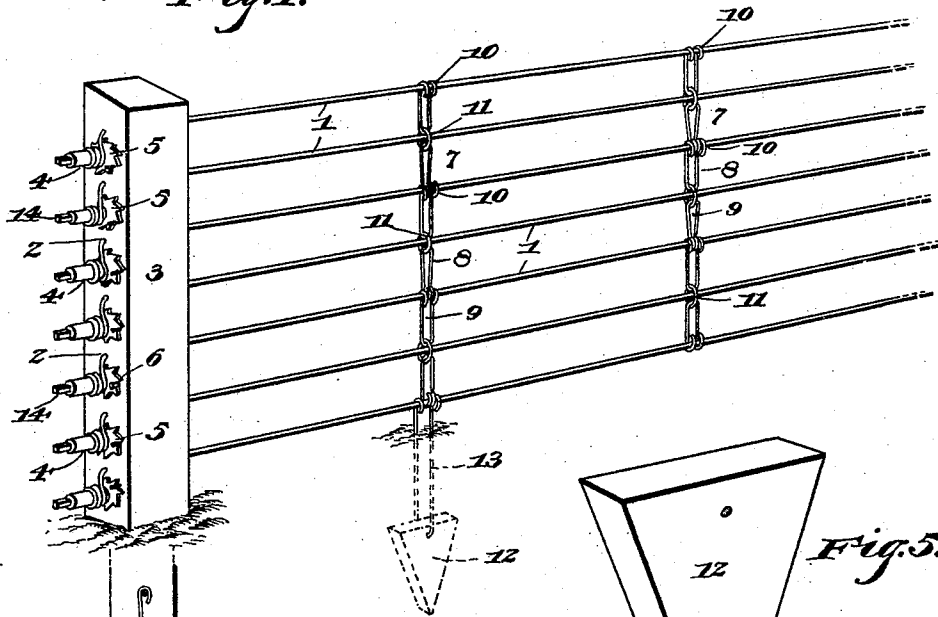


Fig. 2.

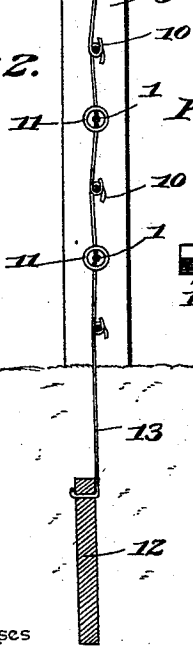


Fig. 3.

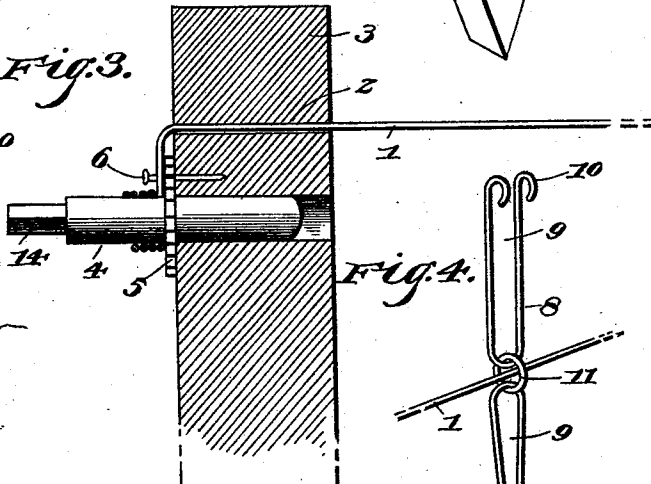


Fig. 4.

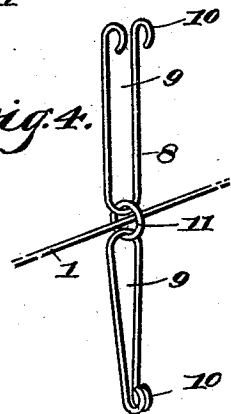
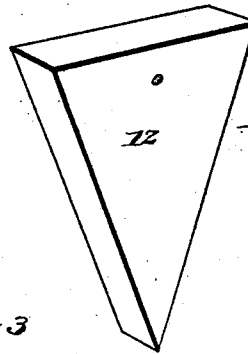


Fig. 5.



Witnesses

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EDWIN J. GRIFFIN, OF ZION, KENTUCKY.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 535,985, dated March 19, 1895.

Application filed May 8, 1894. Serial No. 510,518. (No model.)

To all whom it may concern:

Be it known that I, EDWIN J. GRIFFIN, a citizen of the United States, residing at Zion, in the county of Henderson and State of Kentucky, have invented a new and useful Wire Fence, of which the following is a specification.

The invention relates to improvements in wire fences.

The object of the present invention is to improve the construction of wire fences, to increase their strength and durability, and to enable the tension of the fence wires to be readily adjusted.

The invention consists in the construction and novel combination and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings: Figure 1 is a perspective view of a portion of a wire fence constructed in accordance with this invention. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a detail sectional view, showing one of the wire tighteners. Fig. 4 is a detail perspective view of one of the sections of the fence stay. Fig. 5 is a detail perspective view of the anchor.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates a series of horizontal fence wires passing through perforations 2 of an end post 3, and connected with horizontally disposed longitudinally arranged wire tighteners 4, by means of which the tension of the fence wires may be readily adjusted, and the wires maintained at the desired tension. The wire tightener of each wire is mounted in a bearing opening of the post, adjacent to the fence wire and it is provided with a ratchet 5 which is engaged by a fastening device 6; such as a nail, or the like; and the latter is driven into the post at one of the notches or teeth of the ratchet.

The fence wires are supported at intervals by stays 7, each of which consists of a series of sections 8 composed of a pair of approximately U-shaped links 9 provided at their outer ends with hooks 10, and rings 11 connecting the inner ends of the links. Each link is preferably constructed of a single piece of

wire, which is doubled, and which has its terminals bent to form hooks, and the latter, after the stay has been applied to the fence wires, may be partly closed to prevent the wires from becoming disengaged from them. The fence wires may be arranged at any suitable interval, and may pass through the hooks and the rings; and if desired, at the top of the fence, the wires may be arranged a greater distance apart than at the bottom where the wires must necessarily be closer together. The hooks of a lower link may be arranged between those of the next upper link as shown, but any other desired arrangement can be employed if desired.

The fence is secured at intervals by triangular anchors 12 constructed of any suitable material and perforated at the top to receive a connecting wire 13 which is secured to the bottom wire of the fence. The triangular anchor is arranged to form a lower entering point and an upper broad shoulder to facilitate inserting it into the ground and to prevent its withdrawal.

The outer ends 14 of the shafts of the wire tighteners are polygonal, and are adapted to receive a wrench or similar tool for turning the shafts.

It will be seen that the fence is simple and comparatively inexpensive in construction, that it is strong and durable, and that the fence stays may be readily applied to the fence wires. It will also be apparent that the fence is securely anchored, and that the fence wires may be readily adjusted and maintained at the desired tension.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

What I claim is—

1. A fence provided with fence wires, and having a stay consisting of a series of sections, each composed of two links provided at their outer ends with hooks engaging fence wires and having their inner ends located above and below an intermediate fence wire, and a ring connecting the inner ends of the links and receiving the intermediate fence wire, substantially as described.

2. A fence having fence wires, and provided

with a stay comprising a series of sections
composed of links arranged in pairs and pro-
vided at their outer ends with similar hooks
engaging the adjacent fence wires, the inner
5 ends of the links being located above and be-
low an intermediate fence wire and loosely
connected with each other, substantially as
described.

3. A fence having fence wires, and provided
10 with a stay consisting of sections, each com-
posed of a pair of approximately U-shaped
links having their inner ends located above

and below an intermediate fence wire and
provided at their outer ends with hooks en-
gaging fence wires, the hooks of one link be- 15
ing arranged between the pairs of hooks of
the adjacent link, and a ring connecting the
inner ends of the links and receiving the in-
termediate fence wire, substantially as de-
scribed.

EDWIN J. GRIFFIN.

Attest:

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