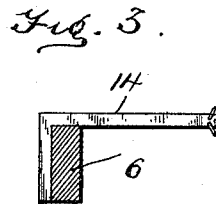
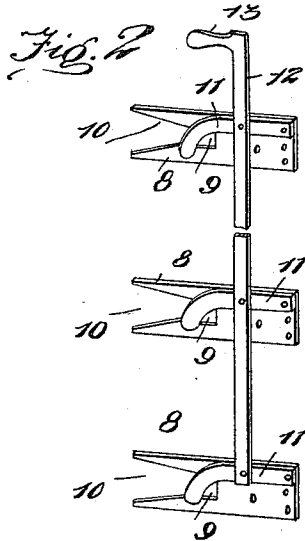
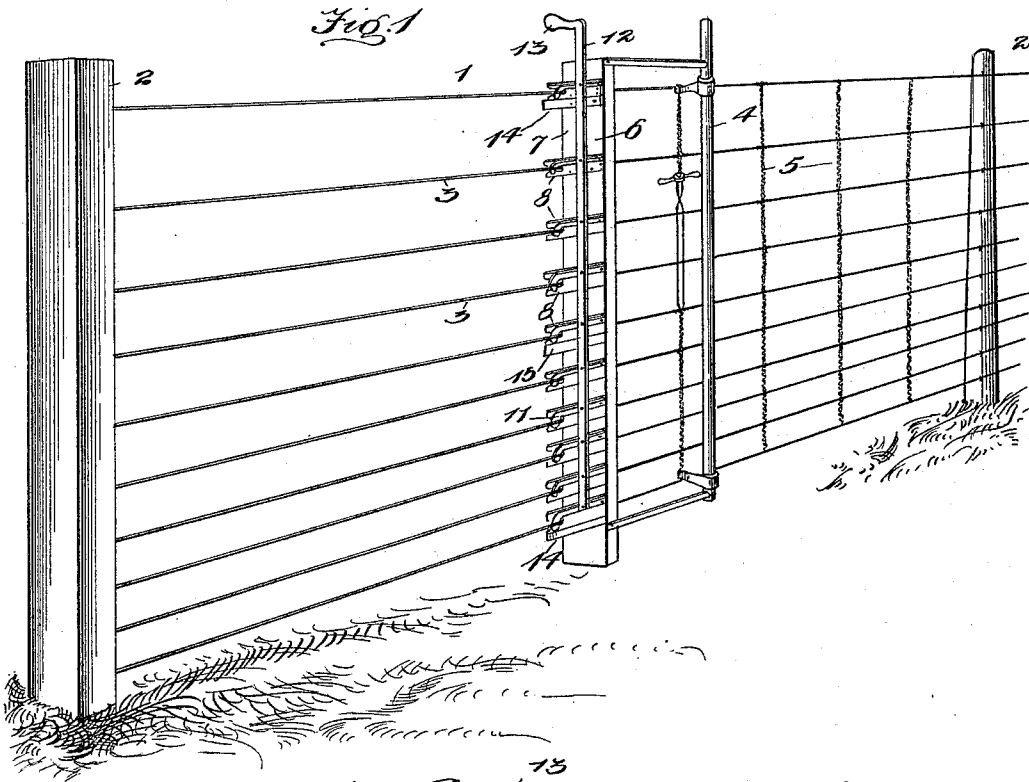


(No Model)

H. N. SHEEK.
FENCE WIRE SUPPORT.

No. 585,345.

Patented June 29, 1897.



Witnesses

Edmund A. Shaw

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UNITED STATES PATENT OFFICE.

HIRAM N. SHEEK, OF GREENWOOD, INDIANA.

FENCE-WIRE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 585,345, dated June 29, 1897.

Application filed April 12, 1897. Serial No. 631,754. (No model.)

To all whom it may concern:

Be it known that I, HIRAM N. SHEEK, a citizen of the United States, residing at Greenwood, in the county of Johnson and State of Indiana, have invented certain new and useful Improvements in Wire-Fence Machines; and I do 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.

My invention relates to a wire-fence machine, and more particularly to that class of machines employed for providing the longitudinal running wires of a fence with wire stays.

The object of the invention is to provide a machine with means for supporting the running wires and prevent them from being drawn together during the process of twisting the stay-wires on the runner-wires; and to this end the invention consists of certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a section of a wire fence, illustrating the machine for twisting the stays; and Fig. 2 is a similar view, enlarged, of the wire-support removed from the twister-frame. Fig. 3 is a cross-section through the post above the arm 14.

In the drawings, 1 denotes the section of a wire fence, consisting of the posts 2 and the longitudinal wires 3.

4 denotes the twister-frame, which may be of any suitable and well-known construction and is designed to apply the stays 5 to the longitudinal wires, as shown at the right of Fig. 1.

6 denotes my improved wire-support, which consists of a vertical bar 7, having projecting laterally therefrom wire-supporting arms 8, each of which is provided at its outer end with a longitudinal slot 9, formed with a flaring mouth or ends 10. Pivoted to each arm is a hook or detent 11, which is adapted to swing across the slots in the arms. An op-

erating-rod 12, having a handle 13 at its upper end, is pivoted to each of the hooks or detents, as shown.

14 denotes two angular arms, which are secured to the bar, one at its upper end and one at its lower end, and are provided with forked outer ends which are adapted to engage the upper and lower strands of a fence-wire and prevent the wires drawing together when the twister-head machine is being operated to twist the stay-wires in place.

When it is desired to provide the fence with short stay-wires—say, for instance, from the middle wires to either the upper or lower wires—I provide an additional arm 15, which is secured to the bar about midway its length, so that when the short stays are being applied to the fence-wires the wires intermediate of the upper and lower ones of the series will be prevented from being drawn together.

This machine may be readily applied to the fence-wires by simply elevating the hooks, and after the wires have entered the slots in the wire-supporting arms the operating-rod is forced downward and closes the hooks around the wires, in which position it will be impossible for the support to become disconnected from the wires.

Although I have specifically described the construction and relative arrangement of the several elements of my invention, I do not desire to be confined to the same, as such changes or modifications may be made as clearly fall within the scope of my invention without departing from the spirit thereof.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a machine for applying stays to wire fences, the combination with a support provided with arms having slots in their outer ends, of pivoted detents or hooks adapted to close the entrance to said slots, and an operating-rod connected to the detents or hooks for raising or lowering them, substantially as set forth.

2. In a machine for applying stays to wire

fences, the combination with a support provided with arms having slots in their outer ends, of pivoted detents or hooks adapted to close the entrance to said slots, an operating-
5 rod connected to the detents or hooks for raising or lowering them, and angular arms secured to the support and provided with forked ends adapted to engage the upper and lower wires to and between which the stay-

wires are to be applied, substantially as set forth.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

H. N. SHEEK.

Witnesses:

FLOYD A. SHEEK,
JAMES R. EWING.