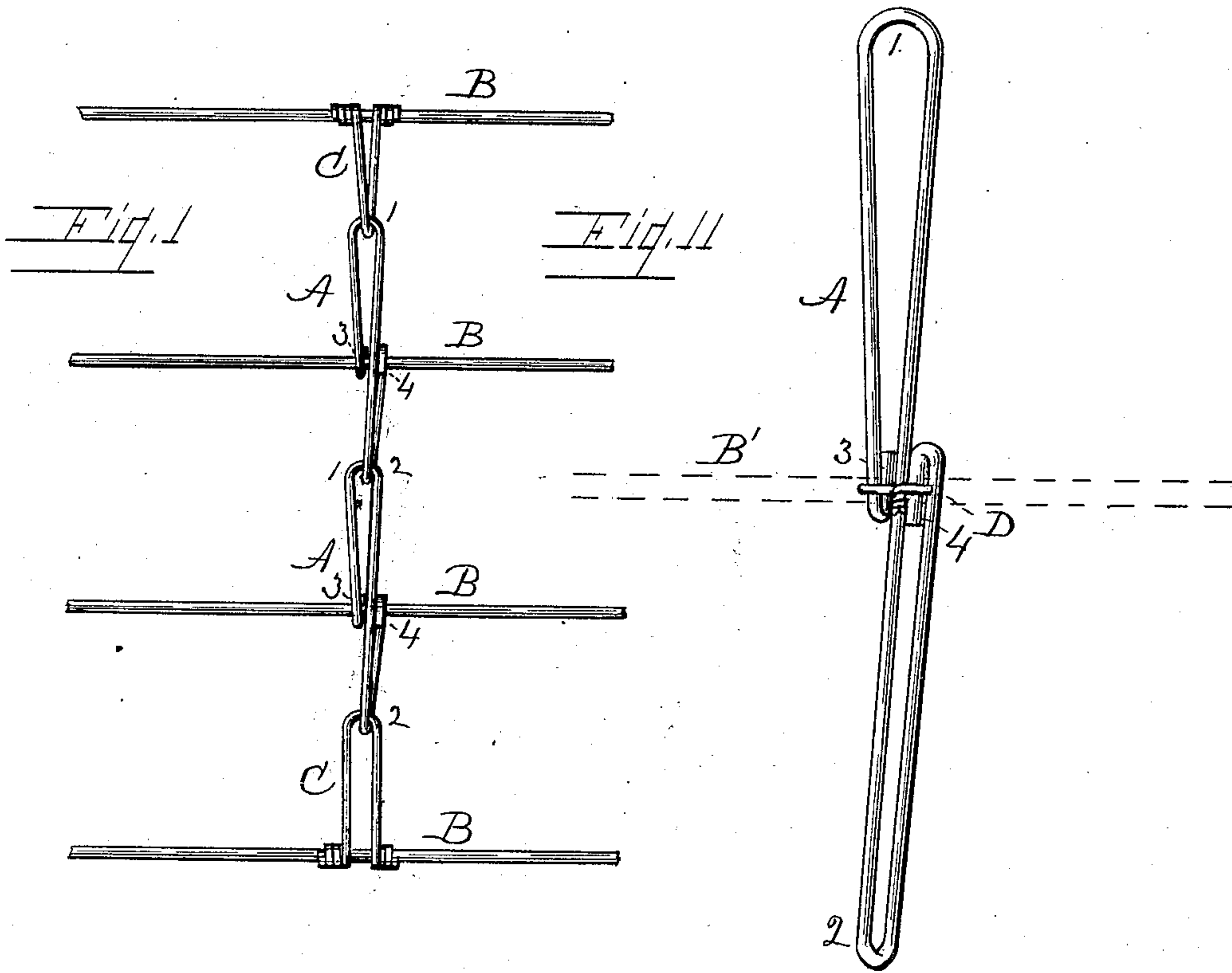


(No Model.)

I. OAKS.
WIRE FENCE.

No. 486,588.

Patented Nov. 22, 1892.



Witnesses

Leopold Leibold
Chas. Hoffman

Inventor

Iraiah Oaks
By His Attorney B. Pickering

UNITED STATES PATENT OFFICE.

ISAIAH OAKS, OF UNION, OHIO, ASSIGNOR OF ONE-HALF TO ESTY FOLKERTH,
OF SAME PLACE.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 486,588, dated November 22, 1892.

Application filed June 22, 1892. Serial No. 437,649. (No model.)

To all whom it may concern:

Be it known that I, ISAIAH OAKS, a citizen of the United States, residing at Union, in the county of Montgomery and State of Ohio, have invented a certain new and useful Improvement in Wire Fences; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it ap-
10 pertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

15 My invention relates to improvements in stays for wire fences, the same consisting of looped links of wire terminating at their centers in two hooks curved in a reverse order and adapted to engage a series of runners by
20 the interlinking of the same, and thereby serving to hold the same in position.

The object of my invention is to stay the runners of a wire fence, so that an upward pressure will be securely resisted and a down-
25 ward pressure will admit of a downward movement without bending or injury to said stays, and as a consequence said runners may resume their normal positions without ob-
30 struction when relieved of pressure. I attain the object by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a front view of a section of wire fence. Fig. 2 is an enlarged front view of a stay.

35 Like letters and numerals designate like parts in the two views.

The letters B represent a series of runners. The same are secured to posts at suitable distances apart and are drawn tightly between
40 the end posts by devices for tightening the same. As arranged horizontally the distances apart may vary and the stays in length would have to correspond to such varying distances. C C are the top and bottom loops
45 of wire which are linked into the loops of the contiguous stays and the ends are then bent in spiral coils about the top and bottom runners. The stay A is formed of wire by forming two loops 1 and 2 equidistant from the
50 center. The ends overlap at the sides of the

body of the wire at the center, and at the ends are formed hooks 3 and 4, they being curved in a reverse order and parallel to each other.

D is a light binding-wire, which is passed around the body and the ends and is then
55 twisted to hold the hooked ends snugly against said body. This binding-wire may be used or not, as circumstances may determine. The parallel dotted lines B', Fig. 2, show the position of the runner. If the stays are made of
60 light wire, the ends of the hooks may be bent down so as to embrace the runner.

The operation of attaching the stays to the runners is as follows: First, a series of stays are strung together, as a chain, by entering
65 the hooked end of one into the loop of another; second, fasten the series to the top runner by the loop of wire, as specified; third, turn the stay and pass one of the hooked ends over the runner by pressing the hook out
70 from the body until the runner can fall over the hook, then turn the stay to an oblique position, and the other hook will pass over the runner. When all of the series are thus at-
75 tached to their respective runners, the lower stay is secured as before specified.

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

1. The stay A for wire fences, formed of a single piece of wire bent into two loops equi-
80 distant from its center, the ends overlapped at the center at the sides of the body, and parallel hooks in reverse order formed of the two ends adapted to embrace the runner, substantially as shown and described.

2. The stay A for wire fences, formed of a single piece of wire bent into two loops equi-
distant from its center, the ends overlapped at the center at the sides of the body, and parallel hooks in reverse order formed of the two
90 ends adapted to embrace the runner, in combination with the binding-wire D, substantially as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of
95 two witnesses.

ISAIAH OAKS.

Witnesses:

B. PICKERING,
B. F. HERSHEY.