(No Model.)

J. R. KLINE.

WIRE FENCE.

No. 484,554. Patented Oct. 18, 1892.

Fig. I.

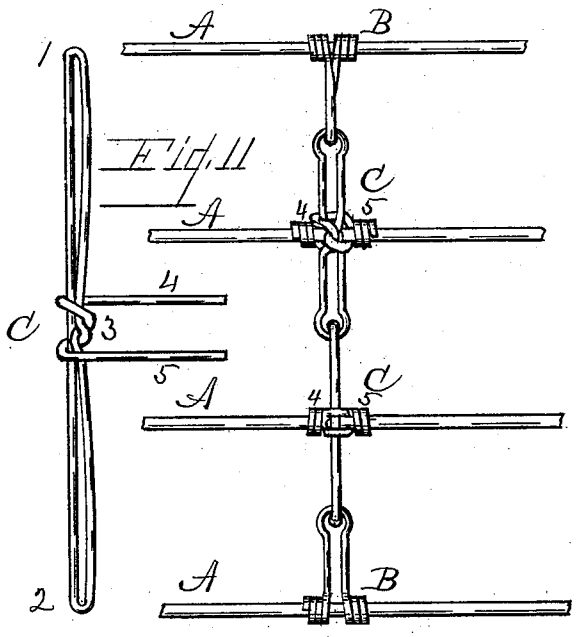

Fig. II.

Witnesses
Leopold Leibold
John H Blank

Inventor
John R. Kline
By his Attorney B. Pickering

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UNITED STATES PATENT OFFICE.

JOHN R. KLINE, OF SALEM, OHIO, ASSIGNOR OF ONE-HALF TO GEORGE WOGAMAN, OF SAME PLACE.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 484,554, dated October 18, 1892.

Application filed June 15, 1892. Serial No. 436,800. (No model.)

To all whom it may concern:

Be it known that I, JOHN R. KLINE, a citizen of the United States, residing at Salem, 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in stays for wire fences, the same consisting of looped links of wire attached rigidly at their centers to the runners.

The object is to prevent injury to the stays when the runners are pressed out of their normal positions and that they may resume said positions without obstruction of said stays.

The object is obtained by the construction illustrated in the accompanying drawings, in which—

Figure I is a side view of the stay, enlarged as compared with Fig. II. Fig. II is a front view of a section of wire fence with stays attached.

Like letters designate like parts in the two views.

The letter A represents a series of runners, the same being secured to posts at suitable distances apart and are drawn tightly between the end posts by tightening devices. As arranged horizontally the distances apart may vary and the stays in length would have to correspond to such varying distances.

B B are the top and bottom loops of wire, which are hitched into the loop of the contiguous stays, and the ends are then bent in spiral coil about the top and bottom runners.

The stay C is formed by wire by forming two loops equidistant from the center, twisting the ends together, and bending them at a right angle to the body in parallel positions after entwining the body of the wire near its center. The stays are all of the same form and must be looped together as a chain before completion, suited to the number of the runners to be bound together, exclusive of the top and bottom runners. A series of stays thus linked are attached to the intermediate runners by bending the two projecting ends in a spiral form about said runners from within outwardly, thus uniting the same at their centers rigidly to their respective runners. The top and bottom stays are then connected to the outer loops of the intermediate stays and secured to the top and bottom runners, as before described. Thus connected the runners may be carried from their normal positions without bending the stays, and when the pressure is removed the same would resume said positions. The runners cannot be pulled apart without rending the stays; but if depressed said runners would move in their respective loops, and as a consequence would not be bent.

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

The stay C for wire fences, formed of a single piece of wire bent in two loops equidistant from its center and interlooped with a like stay or stays twisted together near the ends and embracing the center portion or body and terminating in parallel ends adapted to embrace the runner in spiral coils, substantially as set forth.

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

JOHN R. KLINE.

Witnesses:
B. PICKERING,
B. F. HERSHEY.