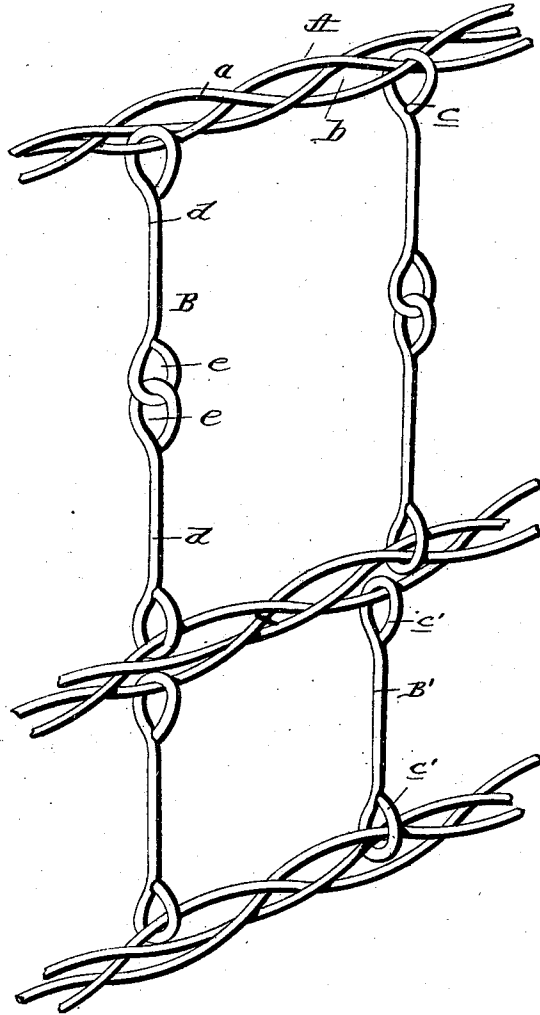


(No Model.)

I. K. HOLLINGER.
WIRE FENCE.

No. 502,076.

Patented July 25, 1893.



Witnesses:

C. H. Gaeder
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UNITED STATES PATENT OFFICE.

ISAAC K. HOLLINGER, OF COVINGTON, OHIO.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 502,076, dated July 25, 1893.

Application filed August 22, 1892. Serial No. 443,691. (No model.)

To all whom it may concern:

Be it known that I, ISAAC K. HOLLINGER, a citizen of the United States, residing at Covington, in the county of Miami and State of Ohio, have invented certain new and useful Improvements in Wire Fences; 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.

This invention relates to improvements in wire fences, and it consists in the provision of a series of runners formed of a plurality of braided strands, and stays for connecting the runners at intervals in the length of the fence so as to render the same more rigid and strong, the said stays being provided with hooks or eyes at their ends adapted to take between the strands of the runners and be thereby prevented from casual displacement or movement.

The invention will be fully understood from the following description and claims when taken in connection with the annexed drawing, in which the figure is a perspective view illustrating a series of runners and the stays connecting the same.

Referring by letter to the said drawing:—A, indicates the runners of my improved fence which are suitably stretched from one post to another, and are arranged at the proportional distance illustrated, apart; the lower runners being preferably arranged comparatively close together for a purpose presently described. These runners A, respectively comprise a series of curved or bent strands *a*, which are loosely braided or plaited as shown so as to afford the openings *b*, for the reception of the hooks or eyes *c*, of the stays B. The stays B, which are designed more particularly for connecting the upper runners or those placed comparatively far apart, comprise the two sections *d*, which are provided at their contiguous ends with the interlocked eyes *e*, through the medium of which the said sections *d*, are loosely and flexibly connected together whereby vertical and lateral move-

ment of the runners may take place without bending or subjecting the stays to strain.

For connecting the lower runners of the fence or those placed comparatively close together, I design employing the rigid or stiff stays B', since such lower runners are ordinarily subjected to but little strain and seldom moved vertically or laterally. These stays B', are provided at their opposite ends with hooks or eyes *c'*, which are connected to the runners in the manner before described.

It will be readily perceived from the foregoing description that the hooks or eyes may be readily introduced between the strands of the runners and afterward closed so as to prevent a casual disconnection of the stays from the runners, and it will be further perceived that when so placed in engagement with the runners, the stays will be prevented from moving by the strands intersecting each other, as shown, whereby the necessity of employing straps or other additional devices for preventing movement of the stays is obviated and the cost of the fence is greatly reduced.

By reason of the runners being formed of several twisted strands, it will be seen that the same will be rendered very strong and durable, and that while they will offer a strong resistance to animals attempting to escape, they will not cut or otherwise injure the animal.

Although I prefer in practice to employ a series of runners comprising loosely braided strands, such as described, I do not desire to be confined to the same as runners of any construction embodying braided strands, may be employed.

Having described my invention, what I claim is—

1. A wire fence, substantially as described, comprising a series of runners respectively formed of a plurality of braided strands, and stays for connecting the runners and strengthening the fence; the said stays being provided at their opposite ends with hooks or eyes adapted to engage one or more of the strands of the runners and be prevented from

movement by the intersecting strands, substantially as and for the purpose set forth.

2. A wire fence, substantially as described, comprising a series of runners respectively
5 formed of a plurality of braided strands, and stays for connecting the runners; the said stays respectively comprising the sections *d*, having the interlocked eyes *e*, and the hooks or eyes *c*, adapted to engage one or more of

the strands of the runners and be prevented 10 from movement by the intersecting strands in the manner set forth.

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

ISAAC K. HOLLINGER.

Witnesses:

JOHN SHELLABARGER,
C. E. LECKLIDER.