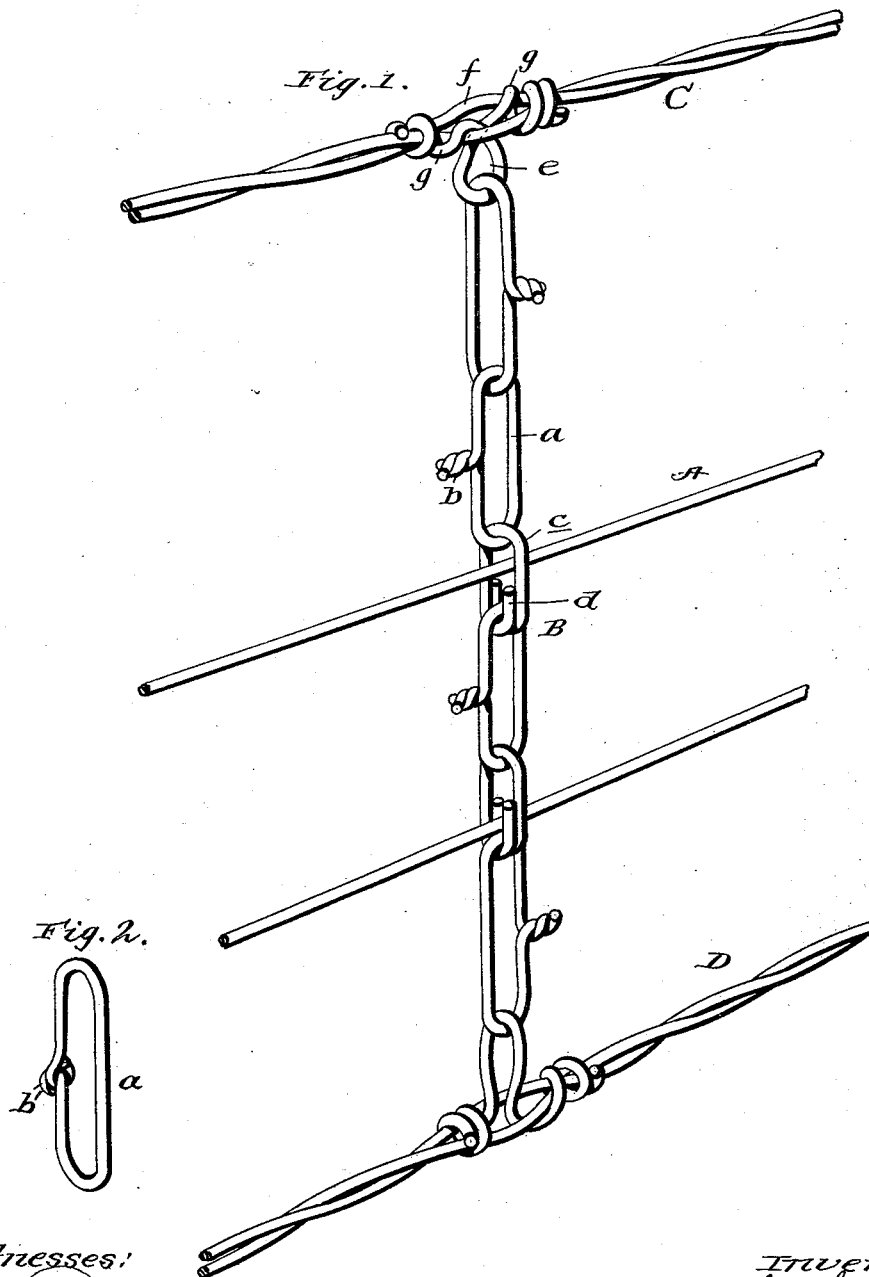


(No Model.)

D. HERSHEY & H. BUCK.
WIRE FENCE.

No. 523,347.

Patented July 24, 1894.



Witnesses:

W. H. Freder
N. H. Matthews.

Inventors

D. Hershey
H. Buck

By *James J. Sheehy*
Attorney

UNITED STATES PATENT OFFICE.

DANIEL HERSHEY AND HENRY BUCK, OF MOUNT MORRIS, ILLINOIS.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 523,347, dated July 24, 1894.

Application filed March 14, 1894. Serial No. 503,627. (No model.)

To all whom it may concern:

Be it known that we, DANIEL HERSHEY and HENRY BUCK, citizens of the United States, residing at Mount Morris, in the county of Ogle and State of Illinois, have invented certain new and useful Improvements in Wire Fences; and we 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 has relation to an improvement in that class of wire fences in which chain stays are employed for the runners, and the novelty will be fully understood from the following description and claim when taken in connection with the annexed drawings, in which—

Figure 1, is a perspective view of a section of a fence with our improvements applied, and Fig. 2, is a view of one of the links of the stay illustrating a modification.

In the construction of wire fences, it is very desirable to use chain stays for the runners, and as the distance at which the runners are placed varies according to the height of fence to be constructed, and the stays are not applied until the runners have been strung, it is very desirable to make and apply the stays at the time of placing the fence.

Referring by letter to the accompanying drawings:—A, indicates the runners which may be that of an ordinary wire fence; B, the stay, and C, the crown or top wires, and D, the base or bottom wires. The intermediate runners are composed of single wires, while the crown wires and base or bottom wires are double and wrapped, as shown.

The stays B, are formed of wire links *a*, having their ends wrapped together two or more times, as shown at *b*, and these long links are connected by short links *c*, which are doubled for about one half of their length, and the free ends *d*, lap the body branches, as shown, so that an open link of great strength is formed, and these short and strong links, which connect the long links of the chain receive through them the runner wires or horizontal wires A, so that while said wires may

be allowed a vertical play, they will be limited from any undue vertical movement or depression.

In attaching the ends of the chain stay to the top and bottom wires of the fence, we take a piece of wire of sufficient length, and bend the same about midway of its length to form a loop *e*. We then separate the two branches of the double wires, as shown at *f*, and insert the loop *e*, through them, after which we carry the ends of the wire having the loop *e*, in opposite directions, as shown at *g*, and wrap one end two or more times around the double strands or runners to the left, and wrap the other branch in a similar manner around the double strands to the right. By this means we provide an eye or loop *e*, which will be held rigidly on the double wires at top and bottom of the fence, and will be absolutely prevented from any sliding or horizontal movement.

We have found in practice that the long links *a*, made as shown and described, are very durable; they may be quickly made and applied, and will resist great strain.

Instead of wrapping the ends of the wire on the long links as shown at *b*, a hook may be formed on each end and the hooks made to engage themselves as shown at *b'*, in Fig. 2.

Having described our invention, what we claim is—

A wire fence composed of single intermediate runners or horizontal wires, the top and bottom wires respectively, composed of two strands wrapped together, a chain stay for the runners, and eyes or loops *e*, formed from wire and passed between the wrapped strands of the top and bottom wires and adapted for the connection of the stay and having their end portions wrapped around said top and bottom wires, substantially as specified.

In testimony whereof we affix our signatures in presence of two witnesses.

DANIEL HERSHEY.
HENRY BUCK.

Witnesses:

CHAS. NEWCOMER,
R. D. MCCLURE.