

(No Model.)

J. B. CLEAVELAND.  
FENCING WIRE.

No. 522,826.

Patented July 10, 1894.

*Fig. 1.*



*Fig. 2.*



Witnesses

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# UNITED STATES PATENT OFFICE.

JOHN B. CLEAVELAND, OF INDIANAPOLIS, INDIANA.

## FENCING-WIRE.

SPECIFICATION forming part of Letters Patent No. 522,826, dated July 10, 1894.

Application filed March 19, 1894. Serial No. 504,161. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN B. CLEAVELAND, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented a new and useful Improvement in Fencing-Wires, of which the following is a specification.

My invention relates to an improvement in that class of fencing wires which consists of several strands twisted together.

The object of my improvement is to form, from a minimum amount of wire, a cable or fencing-wire presenting to the eye an appearance of considerable bulk, and having the quality of elasticity so as to prevent breakage, or sagging, under varying temperatures.

The accompanying drawings illustrate my invention.

Figure 1 represents one of the pair of compound strands from which my fencing-wire is formed. Fig. 2 represents the completed fencing-wire.

In forming my fencing-wire, I first twist a pair of wire strands, A, and B, together in the ordinary manner, as illustrated in Fig. 1, the pair of strands being there shown as twisted from right to left. Having prepared two pairs of strands in the same manner, I then twist the two compound strands thus formed to-

gether into one, the twist being in the opposite direction from that of the two pairs, namely, from left to right. By treating the strands in this manner, the several strands instead of forming constantly recurring curves lying substantially parallel with each other, as in the ordinary wire rope or cable, form opposed curves which in the finished wire have the appearance of interlaced slightly open loops, C, which cause the completed wire to present to the eye an appearance of much greater bulk than when treated in the ordinary manner. The several loops formed by the opposed curves give to the completed wire considerable elasticity, so that it is kept taut and without breaking under varying temperatures.

I claim as my invention—

The above described fencing-wire consisting of four wire strands arranged in pairs, each pair being twisted together in one direction to form independent strands, the strands thus formed being then twisted together in the opposite direction, substantially as set forth.

JOHN B. CLEAVELAND.

Witnesses:

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