

(No Model.)

T. J. INGRAHAM.
WIRE FENCE.

No. 472,639.

Patented Apr. 12, 1892.

Fig. 1.

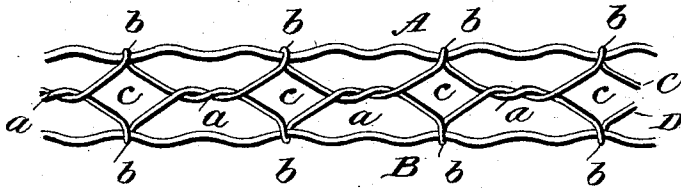
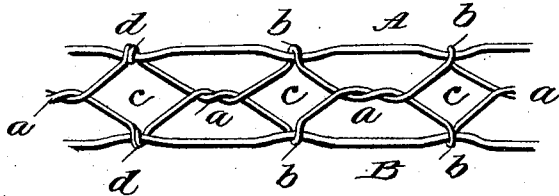


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE,

THOMAS J. INGRAHAM, OF HORNELLSVILLE, NEW YORK, ASSIGNOR OF ONE-HALF TO F. G. BABCOCK, OF SAME PLACE.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 472,639, dated April 12, 1892.

Application filed May 26, 1891. Serial No. 394,174. (No model.)

To all whom it may concern:

Be it known that I, THOMAS J. INGRAHAM, a citizen of the United States, residing at Hornellsville, in the county of Steuben, State of New York, have invented certain new and useful Improvements in Wire Fence, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in fencing-strands; and it has for its objects to provide a simple, cheap, and ornamental wire strand which shall be strong and durable and easily manufactured. I may run the intermediate wires either alternately or not, as may be found most expedient. By "alternately" I mean that each intermediate wire may run from one of the outer wires to the other and pass over both outer wires upon the same upon one and upon the other side of the other—that is, the intermediate wire runs over and under. In the other form the intermediate wires run all over or all under. I twist the intermediate wires alternately to strengthen the strand, and between each two twists I form a diamond-shaped opening for ornamentation. The intermediate wires may be simply turned around the outer wires, or they may be wrapped around the same twice or more.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a side elevation of a portion of a strand embodying my invention. Fig. 2 is a like view of a slightly-modified form of the same.

Like letters of reference indicate like parts in both views where they occur.

Referring now to the details of the drawings by letter, A designates one of the outer wires, and B the other, which are preferably crimped, as shown.

C and D are the intermediate wires, which are arranged between the outer wires, the said intermediate wires being twisted together substantially centrally between the outer wires, as shown at *a*, and from the twist extended in opposite directions and turned around the outer wires, as shown at *b*, forming a diamond-shaped opening *c* between each two twists in the intermediate wires, as shown. I may sometimes wrap the intermediate wires around the outer wires, taking two or more twists, as shown at *d* in Fig. 2. In both the forms shown the intermediate wires are alternately twisted on different sides of the longitudinal wires. In one case the intermediate wires pass all over in one direction or from one side and all under or from the other side in the other form. The twist of the intermediate wires, together with the turns around the outer wires and the alternating feature, produces a very strong yet light and durable and ornamental strand.

What I claim as new is—

A wire fence-strand consisting of two parallel wires, each having a series of crimps or bends, and zigzag wires crossing each other and engaging said crimps or bends, said zigzag wires being twisted at their points of crossing, as set forth.

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

THOMAS J. INGRAHAM.

Witnesses:

FRANCIS G. BABCOCK,
WELLINGTON SALT.