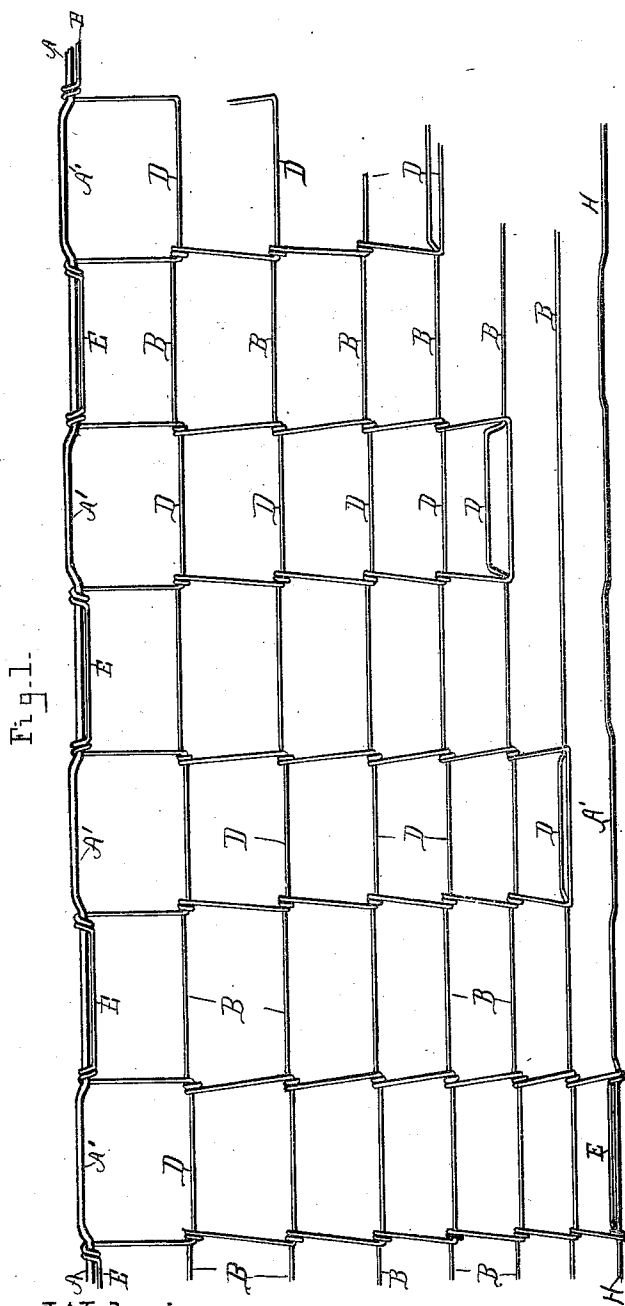


(No Model.)

A. J. BATES.
WIRE FENCE.

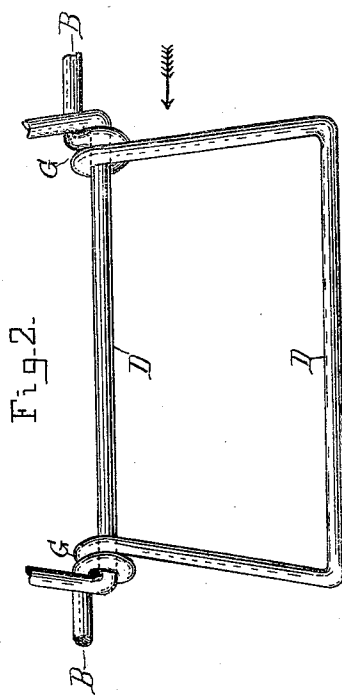
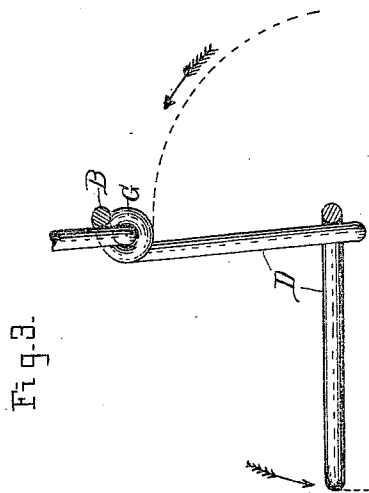
No. 561,194.

Patented June 2, 1896.



Witnesses:

Ray Hutchins
John P. Pray



Inventor:

Albert J. Bates

By *Thos H. Hutchins* Attorney.

UNITED STATES PATENT OFFICE.

ALBERT J. BATES, OF JOLIET, ILLINOIS.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 561,194, dated June 2, 1896.

Application filed May 25, 1895. Renewed March 28, 1896. Serial No. 585,292. (No model.)

To all whom it may concern:

Be it known that I, ALBERT J. BATES, a citizen of the United States of America, residing at Joliet, in the county of Will and State of Illinois, have invented certain new and useful Improvements in Wire Fences, of which the following is a specification, reference being had therein to the accompanying drawings and the letters of reference thereon, forming a part of this specification, in which—

Figure 1 is a side elevation of a section of the fence as it would appear in the process of construction, the end at the left being completed. Fig. 2 is a perspective view of a section of the fence, showing in detail the connection of the bends of two adjacent strand-wires; and Fig. 3 is an end view of Fig. 2, looking in the direction of the arrow, and also showing the bend of a third strand-wire in position ready to be coiled.

This invention relates to certain improvements in wire fences, which improvements are fully set forth and explained in the specification and claim following.

Referring to the drawings, B represents a series of longitudinal strand-wires of the fence, and A and H represent the two border strand-wires forming a finish for the top and bottom, respectively, of the fence, and to which the upper and lower strand-wires of the fence are respectively attached. Each strand-wire B is formed so as to have projecting rectangular bends D, arranged at regular distances apart and so that the bends in the strand-wires are opposite each other.

In the manufacture of the fence the bends D of a strand-wire B are passed through the depending bends of the adjacent strand-wire,

and then drawn until the two bends are interlocked at their angles, and then coiled at least once around the said adjacent bend, as shown more particularly in Figs. 2 and 3, and left in a depending position for attaching to the next strand-wire below, and so on in succession until enough strands are united in such manner as to make a fence the desired height. By this construction no wire other than the strands is used to form vertical stays or to form the meshes.

The border strand-wires A and H are each provided throughout their length with slight crimps or bends A' for the purpose of giving them some elasticity, and the strands B are connected with said border-strands by means of coiling the extremity of their bends thereon, as shown at E in Fig. 1.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is as follows:

A fence consisting of the combination of the border-wires, and a series of horizontal wires each having lateral bends substantially rectangular in shape disposed at regular intervals throughout their length, the bends of the several wires being arranged opposite each other and successively interlocked and coiled one upon the other from one side of the fabric in such manner that the vertical portions of said bends form stays between the wires, and form meshes having their corners locked by said coils substantially as and for the purpose set forth.

ALBERT J. BATES.

Witnesses:

THOS. H. HUTCHINS,
RAY HUTCHINS.