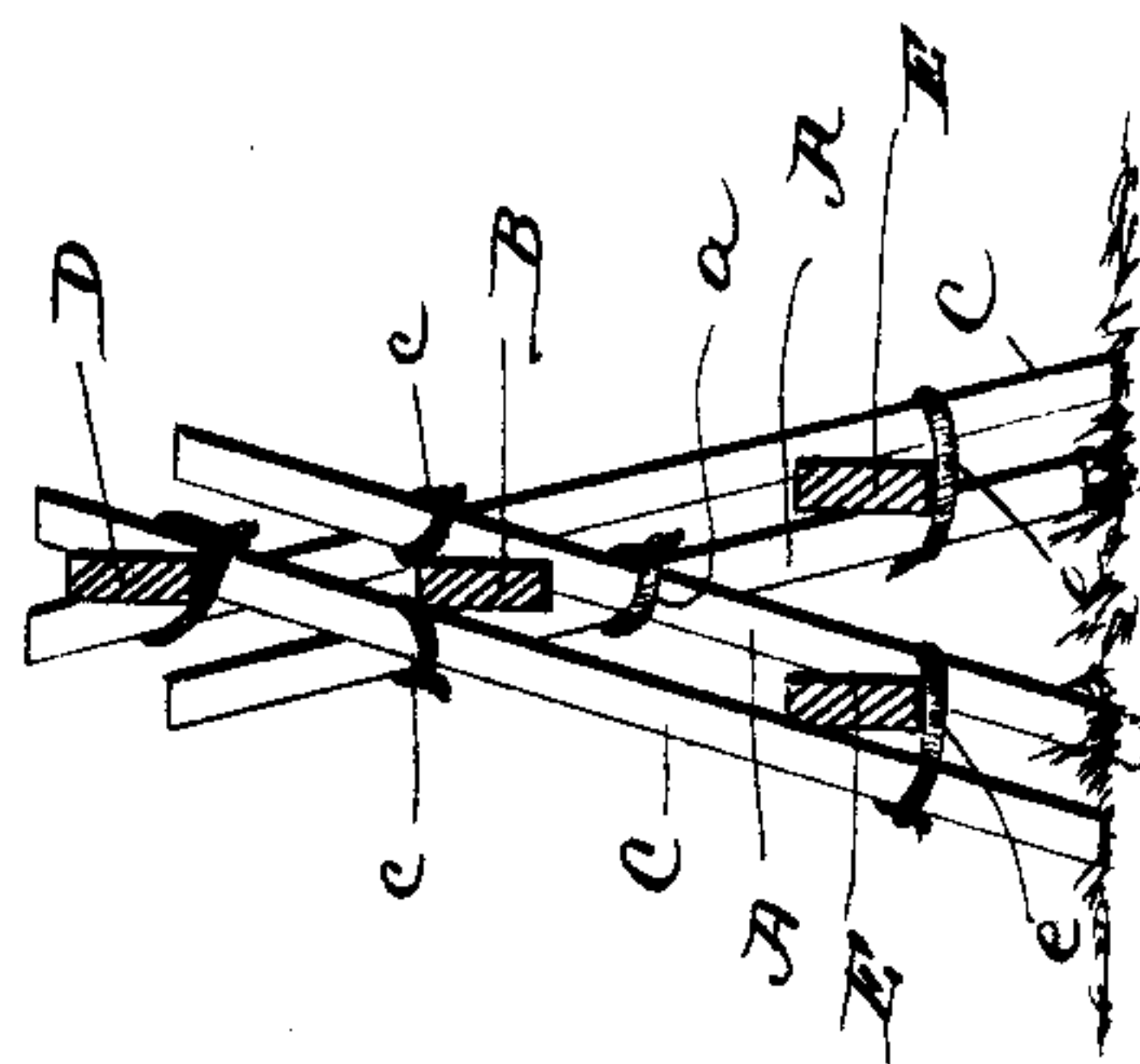
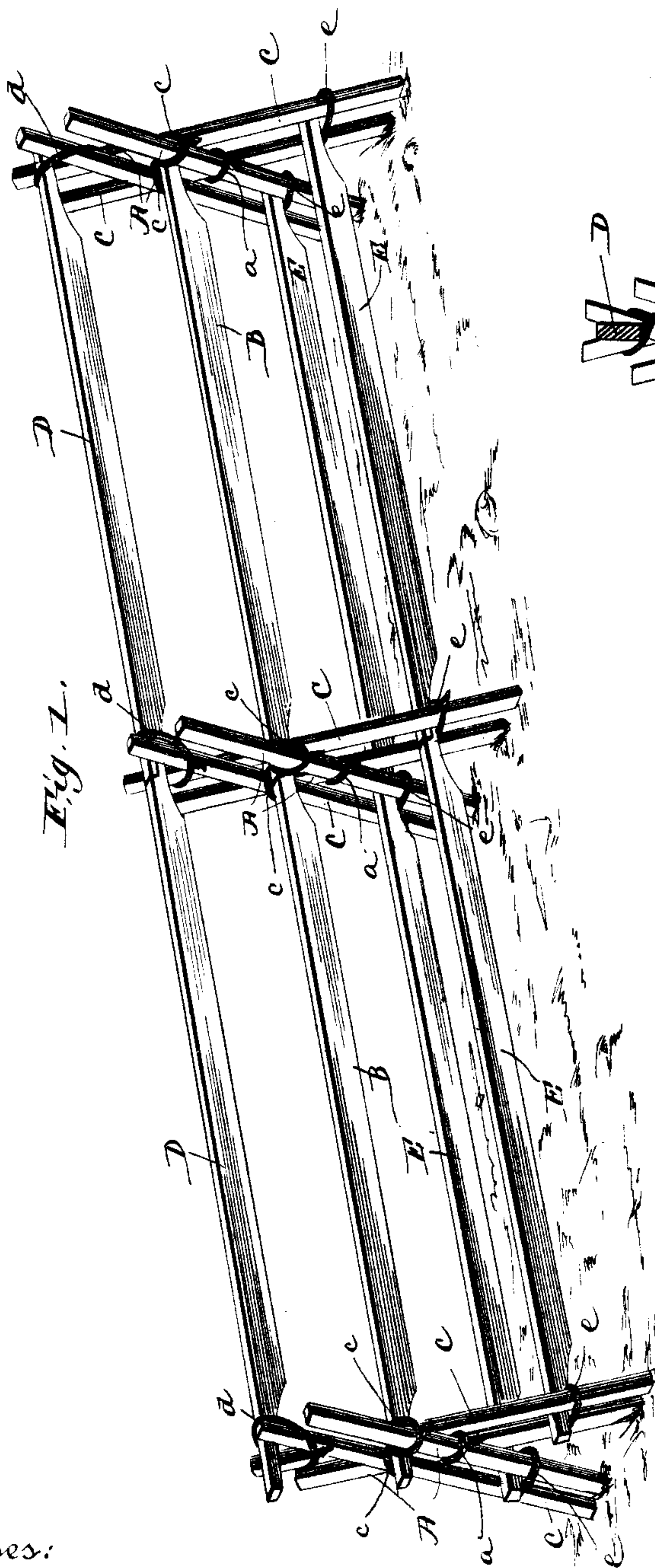


(No Model.)

J. BRIGHT.
FENCE.

No. 388,338.

Patented Aug. 21, 1888.



Witnesses:

Frank S. Otter

C. E. Doyle

Inventor,

Jesse Bright,

By his Attorneys,

C. H. Snow & Co.

UNITED STATES PATENT OFFICE.

JESSE BRIGHT, OF LEWISBURG, WEST VIRGINIA.

FENCE.

SPECIFICATION forming part of Letters Patent No. 388,338, dated August 21, 1888.

Application filed June 2, 1888. Serial No. 275,881. (No model.)

To all whom it may concern:

Be it known that I, JESSE BRIGHT, a citizen of the United States, residing at Lewisburg, in the county of Greenbrier and State of West Virginia, have invented a new and useful Improvement in Fences, of which the following is a specification.

My invention relates to improvements in Fences; and it has for its object to provide a simple, cheap, strong, and durable structure, wherein the points which are liable to be subjected to the greatest strains are suitably strengthened.

The invention consists in a certain novel construction and arrangement of device fully set forth hereinafter in connection with the accompanying drawings, wherein—

Figure 1 is a perspective view. Fig. 2 is a transverse vertical sectional view.

Referring to the drawings, A designates the crossed stakes or posts, which are set in the ground at their lower ends and intersect each other at about half their height, and the said intersection is bound by the tie-wire *a*, after which the end of the intermediate panel-rail, B, is rested in the upper angle formed by the stakes. The outer crossed stakes, C C, are now arranged, respectively, parallel with the stakes A A and bearing against opposite sides of the panel-rail B. These outer crossed stakes intersect each other near their upper ends, and the end of the upper or rider rail, D, is tied in the upper angle thus formed by the wire *d*. The outer crossed stakes cross the inner crossed stakes just above the intermediate rail, B, and the intersections are bound by the tie-wires *c c*, and the outer and inner crossed stakes are connected near their lower ends by the tie-wires *e e*, on which are rested the ends of the lower panel-rails, E E. The lower panel-rails are parallel and are arranged side by side, and consequently the fence is strengthened at its bottom, this being the part which is subjected to the greatest strain, for the reason that both the small and large stock confined by the fence attack this portion. The panel-rails are not merely connected to the stakes by tie-wires, so that when a weight comes against them the wires bear the entire strain, but the ends of the rails are

arranged in the spaces between the adjacent sides of the stakes, so that the strain upon one of the rails is distributed and borne by a number of tie-wires. The stakes intersect at four points, and being tied at all of the said points they are rigidly connected, so that the four stakes act as a single post and mutually support each other. The lower ends of the outer stakes may be arranged in the ground; but I prefer to simply extend them to the surface of the ground, as shown in the drawings.

Having thus described the invention, I claim—

1. In a fence, the inner crossed stakes, A A, connected at their intersection by a suitable tie-wire, *a*, the outer crossed stakes, C C, arranged, respectively, parallel with the rails A and connected at their upper intersecting ends by the tie-wire *d*, the said outer stakes being connected to the inner stakes at their points of intersection by the tie-wires *c c*, in combination with the upper or rider rail arranged in the angle between the upper ends of the outer stakes, the intermediate rail arranged in the upper angle formed by the intersection of the inner stakes, and the lower rails, E E, arranged between the adjacent sides of the parallel stakes and bearing on the tie-wires *e e*, which connect the said stakes, substantially as specified.

2. In a fence, the inner and outer crossed stakes, A A and C C, respectively, connected at their intersections by suitable tie-wires, and the upper and intermediate rails, D and B, respectively arranged in the angles formed by the intersections of the said rails A A and C C, in combination with the parallel horizontal rails E E, arranged side by side below the intermediate rails and secured at their ends between the adjacent lower ends of the said stakes, whereby the bottom of the fence is fortified against the attacks of confined animals, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JESSE BRIGHT.

Witnesses:

ALEXR. KNIGHT,
W. F. LUDINGTON.