

(No Model.)

G. MERRITT.
FENCE.

No. 474,455.

Patented May 10, 1892.

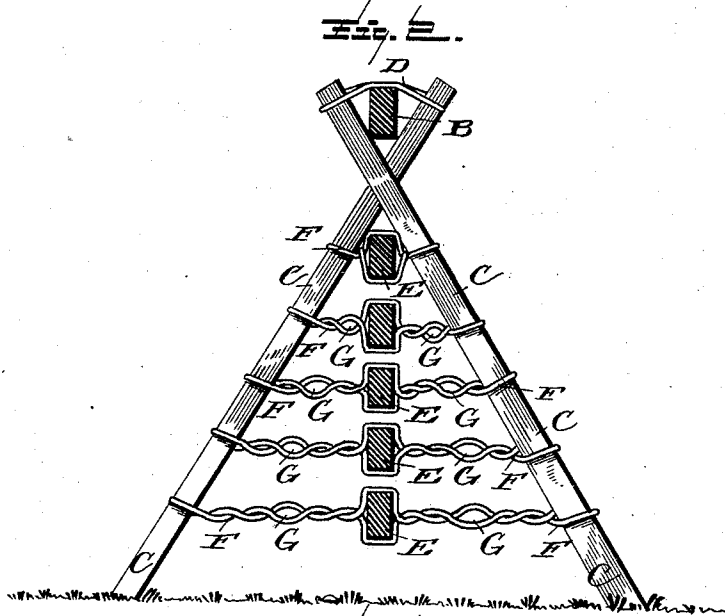
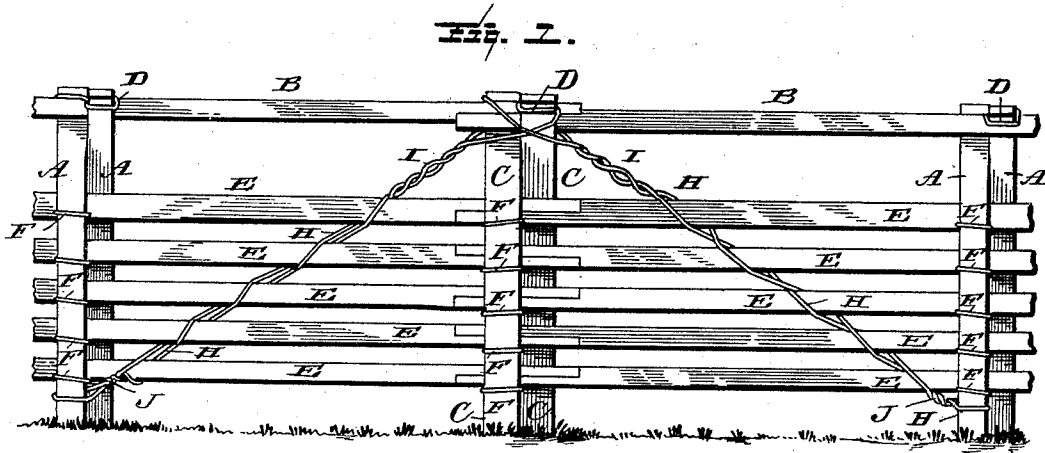


Fig. 3.

Witnesses
L. C. Hills.
E. H. Bond.

Inventor
Grant Merritt.
By his Attorneys
Chas. H. Fowler,

UNITED STATES PATENT OFFICE.

GRANT MERRITT, OF FRANKFORT, INDIANA.

FENCE.

SPECIFICATION forming part of Letters Patent No. 474,455, dated May 10, 1892.

Application filed March 19, 1890. Renewed June 29, 1891. Serial No. 397,907. (No model.)

To all whom it may concern:

Be it known that I, GRANT MERRITT, a citizen of the United States, residing at Frankfort, in the county of Clinton and State of Indiana, have invented certain new and useful Improvements in Fences; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

This invention relates to certain new and useful improvements in fences; and it has for its object to provide a strong and durable fence in which the parts will brace each other and which when set up will resist the wind and storm.

The novelty resides in the peculiarities of construction and the combinations, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the drawings, and then particularly pointed out in 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 view of a portion of fence constructed in accordance with my invention. Fig. 2 is a vertical section through the same. Fig. 3 is a detail showing the manner of connecting the diagonal brace-wire with the posts.

Like letters of reference indicate like parts throughout the several views.

Referring now to the details of the drawings by letter, A designates posts, which are crossed in the usual manner to form at the upper end a crotch, in which the upper rail B is supported. C are posts, which are crossed in a like manner. The top rail overlaps at the intermediate posts, as shown in Fig. 1. It is secured to the posts A by suitable wire D, which passes over the top rail, as shown.

E are the rails, which at their ends are halved onto each other, as shown in Fig. 1, and are held to the posts by the wires F, which

are passed around the rails and around the posts, being twisted upon opposite sides of the rails, as shown in Fig. 2, and between the rail and each post formed with a loop G, through which a rod or any other suitable device may be placed to twist and tighten up the rails and posts when desired, being twisted in opposite directions upon opposite sides of the rail.

H are diagonal brace-wires extending in opposite directions from the posts C to the posts A, as shown in Fig. 1. These brace-wires have a loop at the top of the posts C, and between the same and the next to the top rail are twisted, as shown at I, and then alternately twisted around the rails in an inclined direction toward the posts A. After being twisted around the bottom rail each diagonal wire is extended laterally to the posts A, as shown in Fig. 3, where it is twisted around the bottoms of the posts A and twisted upon opposite sides of the rails and provided with loops J for the reception of a rod or other device for the purpose of tightening the same.

What I claim as new is—

The fence described, consisting of the cross-posts A and C, the rails B and E, the wires holding the overlapped ends of the posts and rails B, and the horizontal wires F, connecting the posts and formed with loops G, and the diagonal brace-wires H, extending in opposite directions from the tops of the posts C to the bottoms of the posts A, twisted around the rails, and from the bottom rail extended horizontally and twisted and secured to the bottoms of the posts A and formed with loops J in the horizontal portions between the bottom rail and the posts, substantially as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

Witnesses:

W. M. FREAS,
ASA H. BAULDELL.

GRANT MERRITT.