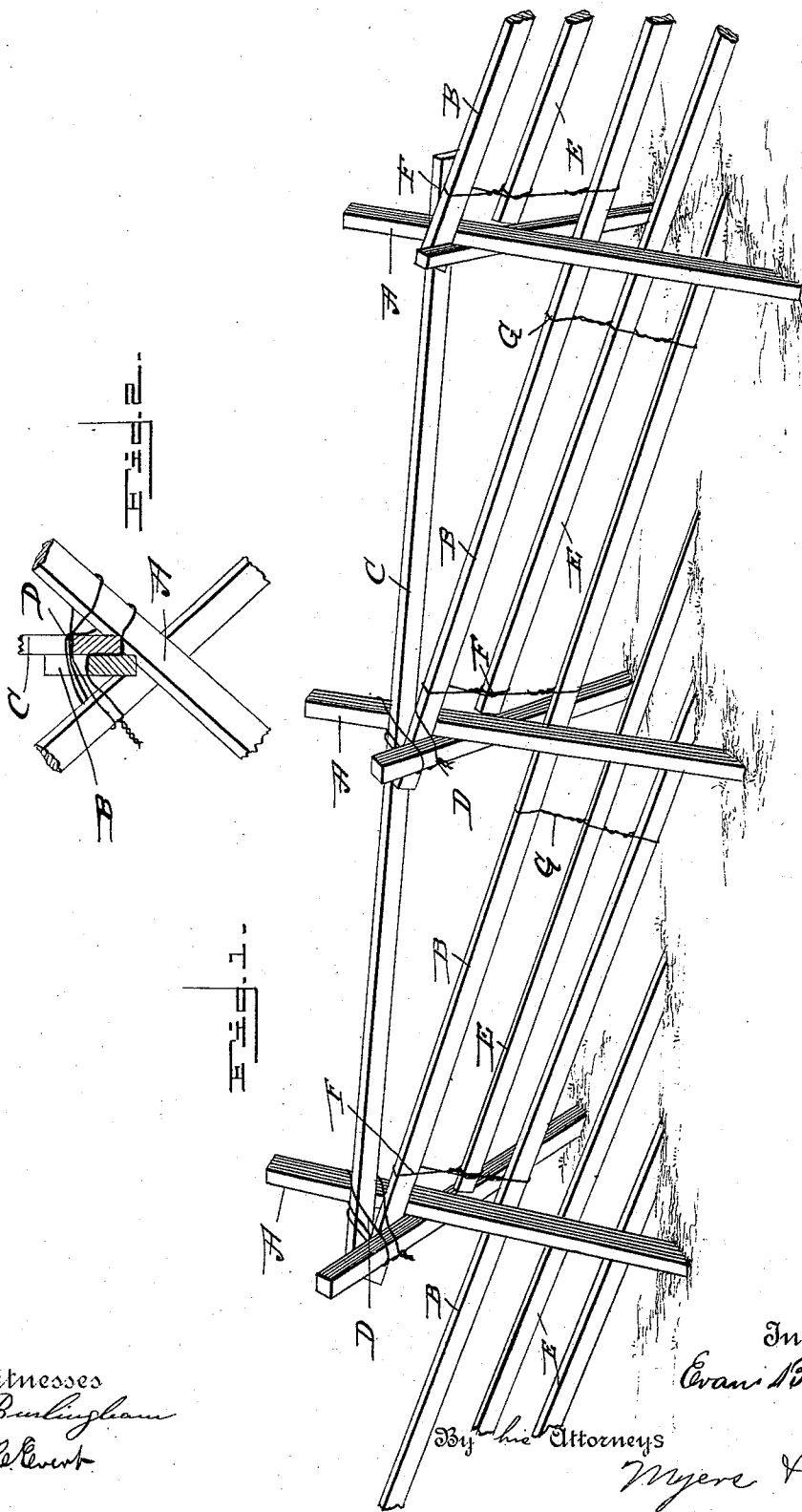


(No Model.)

E. B. MAXWELL.
FENCE.

No. 485,641.

Patented Nov. 8, 1892.



Witnesses
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UNITED STATES PATENT OFFICE.

EVAN B. MAXWELL, OF PINCKNEYVILLE, ILLINOIS.

FENCE.

SPECIFICATION forming part of Letters Patent No. 485,641, dated November 8, 1892.

Application filed May 12, 1892. Serial No. 432,756. (No model.)

To all whom it may concern:

Be it known that I, EVAN B. MAXWELL, a citizen of the United States of America, residing at Pinckneyville, in the county of Perry and State of Illinois, have invented certain new and useful Improvements in Fences, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to improvements in rail fencing.

The object of the invention is to utilize the ordinary form of rail throughout the entire construction and to entirely obviate the necessity of specially-prepared parts; furthermore, in the employment of such peculiar construction whereby a strong and durable structure shall be produced at a minimum cost of manufacture; furthermore, in combination with the rails, to provide wire ties so arranged as to securely hold the parts in position.

With these objects in view the invention consists in a rail fence comprising crossed sticks set up at approximately - equidistant intervals and receiving in the upper crotch thereof the ends of double-length inclined rails and also supporting therein rider-rails, the whole being wired together by a single tie.

30 Furthermore, the invention consists in providing a second tie whereby each double-length rail resting in the lower crotch of the cross-stake at or about the center thereof is secured to the upper end of the corresponding rail of the next series.

Furthermore, the invention consists in providing a third tie, whereby an intermediate rail is secured centrally of the double-length rails, being further supported by an extension of the second tie, as will be hereinafter more particularly described, and specifically pointed out in the claims.

In the accompanying drawings, forming part of this specification, wherein like letters of reference indicate corresponding parts,

Figure 1 is a view in perspective of a portion of the improved form of fencing, and Fig. 2 is a detail view of the tie at the upper crotch.

In the drawings, A indicates the crossed stakes. These stakes are first set up in constructing the fence and receive in the upper crotch the ends of the double-length inclined rail B and the rider-rail C, the whole being wired together by a single tie, as at D.

About centrally of the double-length rails B are intermediate rails E, secured in position by the ties F G. The tie F also serves to bind together the rails of each series at a point adjacent to the stakes A. Thus it will be at once seen that owing to the peculiar arrangement of rails with the simple wiring a strong thoroughly-durable structure is produced at a comparatively-low cost.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a rail fence, the crossed stakes, the double-length inclined rails, and the rider-rails supported thereon and suitably wired, and the intermediate inclined rails secured centrally of said double-length rails by suitable ties, substantially as and for the purpose described.

2. In a rail fence, the crossed stakes, the double-length inclined rails supported in the upper crotch thereof, the rider-rails being also supported in the upper crotch of said crossed stakes, the whole being wired by a single-length tie, and the inclined intermediate rails secured centrally of said double-length rails and adjacent the upper ends thereof by single ties F G, substantially as and for the purpose described.

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

E. B. MAXWELL.

Witnesses:

CHAS. H. ROE,
HENRY S. BROWN.