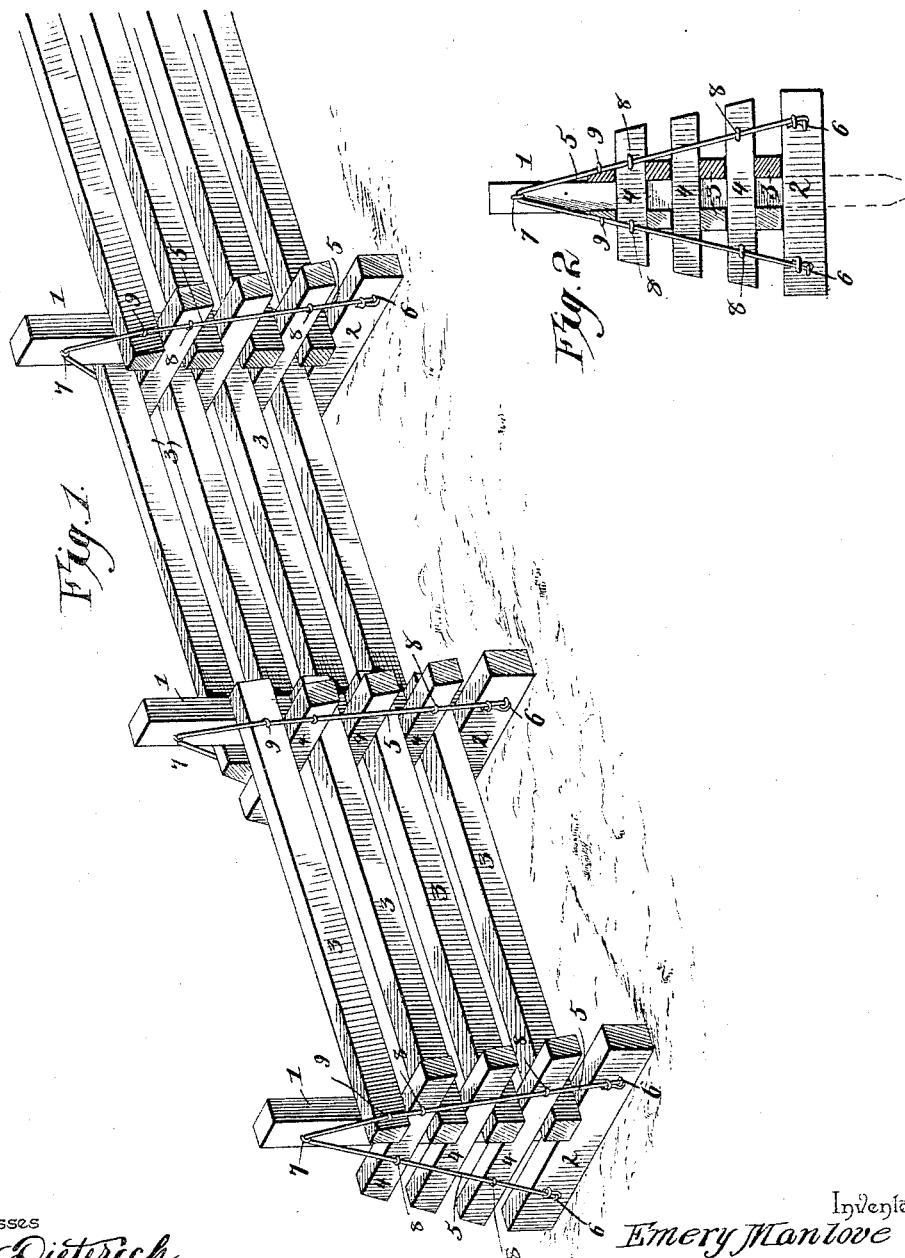


(No Model.)

E. MANLOVE.
FENCE.

No. 454,600.

Patented June 23, 1891.



Witnesses
H. G. Dieterich

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By *hcs* Attorneys.

CA Snow & Co.

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UNITED STATES PATENT OFFICE.

EMERY MANLOVE, OF BENTONVILLE, INDIANA.

FENCE.

SPECIFICATION forming part of Letters Patent No. 454,600, dated June 23, 1891.

Application filed December 8, 1890. Serial No. 373,926. (No model.)

To all whom it may concern:

Be it known that I, EMERY MANLOVE, a citizen of the United States, residing at Bentonville, in the county of Fayette and State of Indiana, have invented a new and useful Fence, of which the following is a specification.

The invention relates to improvements in fences.

The object of the present invention is to simplify and improve the construction of fences and enable the same to successfully withstand lateral strain and be prevented being blown down, and to be self-adjusting to any shrinking or swelling without straining the support.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a fence constructed in accordance with this invention. Fig. 2 is a transverse sectional view.

Referring to the accompanying drawings, 1 designates vertical posts, to which are centrally secured horizontal sills 2, resting upon the ground and serving to support horizontal rails 3 and cross-pieces 4, and having secured near their ends the ends of wire braces 5, which are approximately inverted V-shaped and are secured at their apexes or upper ends to the upper ends of the vertical posts 1. The braces 5 are secured to the sills and posts by staples 6 and 7, and the horizontal rails 3 are arranged within the wire supports or braces and are built upon the sills 2, and gradually inwardly incline toward the upper ends of the posts and form a pyramidal fence having a broad base affording a secure support capable of preventing the fence being blown down by heavy winds or other lateral strains incident to its use. The cross-pieces 4 gradually decrease in length from the bottom to the top of the fence and are interposed between each pair of horizontal rails, and the uppermost and central cross-pieces are provided with staples

8, which receive the wire brace and enable the rails and cross-pieces to move vertically and adjust themselves to shrinking and swelling and settling of the ground without injuring or disturbing the fence. The top rails are secured to the braces by staples 9, arranged at the ends of the rails, and the latter are slightly beveled at their ends to enable them to readily fit in the angular opening or recess formed by the upper portion of the braces and the post.

It will be readily seen that the fence is simple and inexpensive in construction and has a broad base capable of affording a secure support and that the rails and cross-pieces are adapted to readily adjust themselves to swelling and shrinking of the parts or the settling of the ground.

What I claim is—

1. A fence comprising the vertical posts, the sills adapted to rest upon the ground and secured to the post, the inverted-V-shaped braces secured to the upper ends of the posts and to the sills, the cross-bars, and the horizontal rails having their ends arranged in pairs within the braces and being separated by the cross-pieces, substantially as described.

2. A fence comprising the vertical posts, the sills secured to the posts and designed to rest upon the ground, the horizontal rails having their ends arranged in pairs, the inverted-V-shaped wire braces secured to the posts and sills by staples, the cross-bars 4, interposed between the rails and gradually decreasing in length toward the top of the fence, the staples 8, securing the uppermost and central cross-pieces to the braces, and the staples securing the top rails to the braces, substantially as described.

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

EMERY MANLOVE.

Witnesses:

LEWIS LEFFINGWELL,
GEO. E. MANLOVE.