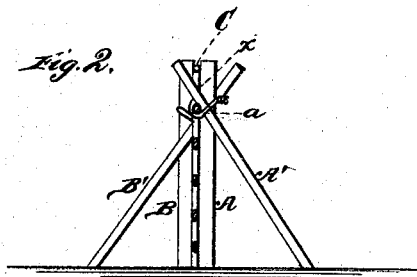
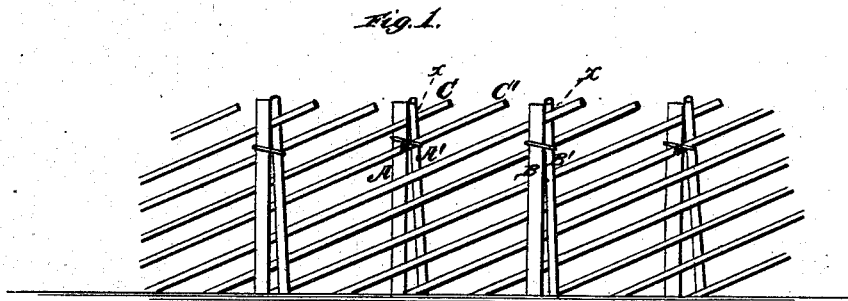


J. A. TORNWALL.
Fence.

No. 211,067.

Patented Dec. 17, 1878.



WITNESSES
Robert Smith,
Geo. E. Upham,

INVENTOR.
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UNITED STATES PATENT OFFICE.

JOHN A. TORNWALL, OF OKOLONA, MISSISSIPPI.

IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. **211,067**, dated December 17, 1878; application filed November 2, 1878.

To all whom it may concern:

Be it known that I, JOHN ALFRED TORNWALL, of the city of Okolona, in the county of Chickasaw and State of Mississippi, have invented a new and valuable Improvement in Fences; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side elevation of my fence, and Fig. 2 is an end view of the same.

My invention relates to a fence made of rails, stakes, braces, &c., for farm and other purposes; and the novelty consists in the construction and arrangement of parts, as will be more fully hereinafter set forth, and pointed out in the claim.

I form my fence of rails laid with one end on or near the surface of the ground and the other extending upward at an angle of forty-five degrees, more or less. The posts are placed alternately on each side of the fence, and each post is so braced from its own side as to press it against the inclined rails. At the junction of these braces and posts I bind in every alternate rail with a tie of wire, or its equivalent, and the crotch made by the extended upward ends of such posts and braces receives the intervening rails, as shown.

Referring to the drawings, A are the posts upon one side of the fence, and B those upon the other side, arranged alternately, as shown, and adapted to embrace and bind the inclined rails C C'. The posts A are braced by rails A', which are secured by wires, withes, and the like to the post A at a point designated by *a*, and these ties embrace at the junction *a* each alternate rail C', and the upper portions of the post A and brace A' form a crotch, *x*, which receives the alternate rails C.

This arrangement and construction form a very firm, cheap fence.

The posts B are held up to the fence by braces B', and are arranged similarly to the posts A A', but on the opposite side of the fence.

What I claim as new, and desire to secure by Letters Patent, is—

The fence herein described, consisting of the alternate posts A B, braces A' B', the inclined rails C C', of which the one next below the top is bound by wire to a post and brace, and thus forms a crotch, while the top rail lies in said crotch, as shown and described.

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

JOHN ALFRED TORNWALL.

Witnesses:

L. NEWBERT,
J. P. PETERSSON.