

J. M. SHAVER.
FARM-FENCE.

No. 172,786.

Patented Jan. 25, 1876.

Fig. 1.

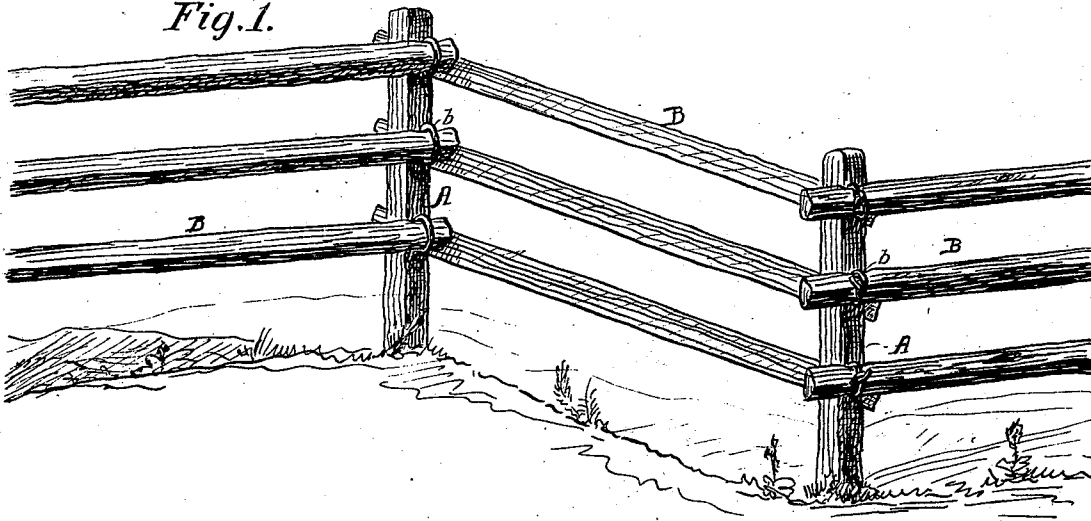


Fig. 2.

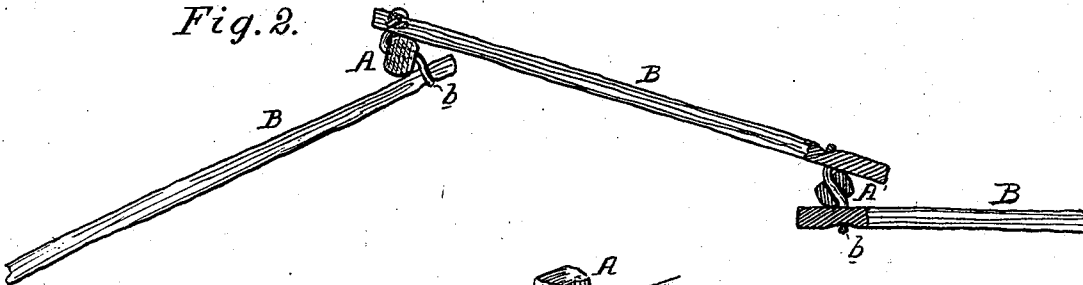
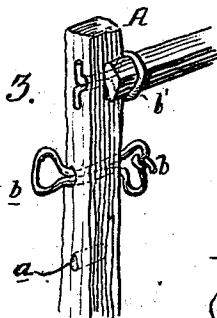


Fig. 3.



Witnesses:

Joel B. George
Gordon B. Robinson

Julius M. Shaver.

UNITED STATES PATENT OFFICE.

JULIUS M. SHAVER, OF DRYDEN, NEW YORK, ASSIGNOR TO JOHN W. WEBSTER AND ALBERT C. STONE.

IMPROVEMENT IN FARM-FENCES.

Specification forming part of Letters Patent No. **172,786**, dated January 25, 1876; application filed January 3, 1876.

To all whom it may concern:

Be it known that I, JULIUS M. SHAVER, of the town of Dryden, county of Tompkins, State of New York, have invented an Improved Fence, of which the following is the specification:

The subject of my invention is a fence, constructed, as fully described hereafter, so as to economize wood, avoid the use of nails or spikes, and adapted to uneven ground, readily erected and taken apart, occupying but little space, and strong and durable.

On reference to the accompanying drawing, Figure 1 is a side view, showing a section of the improved fence; Fig. 2, a plan view; and Fig. 3, a detached view of one of the posts.

A represents the posts, which may be secured to the ground in any suitable manner, and through each post is bored a series of transversed openings, *a*, equal in number to the number of rails B to be secured.

Through each opening *a* extends a double wire, the ends of which are twisted, or otherwise secured together, the wire being bent so as to form on opposite sides of the post loops *b b* for the ends of the rails B, as shown in the drawing.

While the rails are secured firmly to the posts by the loops, the latter being each attached to the post at one point, and turning thereat, in no way interfere with the adjustment of the rails, as may be required in order to adapt the fence to the varying surface of the ground; thus the rails on one side of a post may be inclined downward or upward at

an angle different from that of the rails on the opposite side, as shown in Fig. 1, or the rails may be arranged at different angles horizontally, as shown in the plan view, Fig. 2.

Where the rails have to be secured to only one side of the post the wire is bent to form only a single loop, as shown at *b'*, Fig. 3; and, if desired, the loop may be secured in a different manner to the posts.

It will be seen that the posts may be driven, should they become loosened, without impairing or loosening the fastenings, and that they may even be displaced without the rails becoming detached; but that the rails may be easily removed and replaced when necessary.

It will also be seen that the fence occupies but little ground, requires but comparatively little material, and that it can readily be erected by unskilled labor with the use of no other implements than an auger, a pair of pliers, and a mallet.

I claim—

The combination, in a fence, of posts A, having transverse openings *a*, rails B, and wires passing through said openings, and formed into loops *b b'* for the reception of the ends of the rails, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JULIUS M. SHAVER.

Witnesses:

JOEL B. GEORGE,

GORTON B. ROUNSWELL.