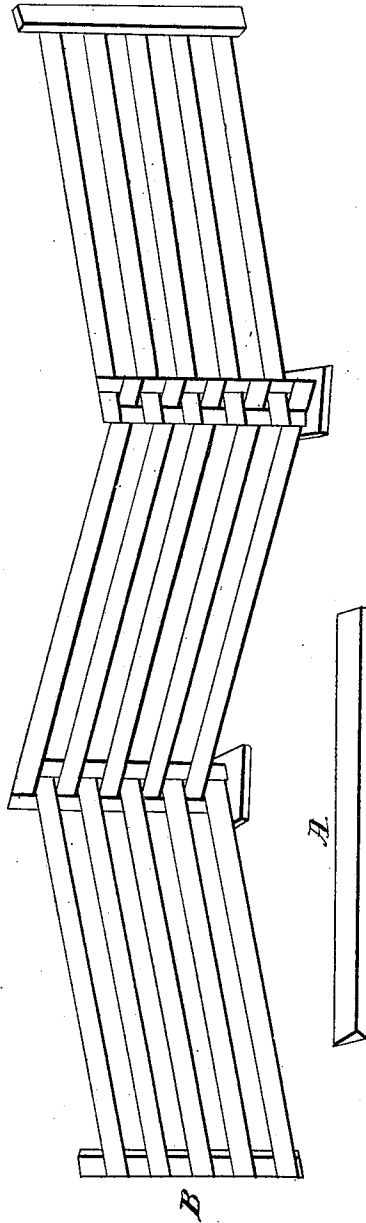


T. J. Hubbard,
Portable Fence,

N^o 5,407-

Patented Dec. 29, 1847.



UNITED STATES PATENT OFFICE.

THOMAS J. HUBBARD, OF HAMILTON, NEW YORK.

FENCE.

Specification of Letters Patent No. 5,407, dated December 28, 1847.

To all whom it may concern:

Be it known that I, THOS. J. HUBBARD, of the town of Hamilton, in the county of Madison and State of New York, have invented a new and Improved Mode of Constructing Field-Fences; and I do hereby declare that the following is a full and exact description.

The nature of my invention consists in securing the corners of the key fence, with keys of a miter or three cornered form, the fence being made of sawed rails and laid up edgewise into an angular or worm fence, two of which keys are required at each angle, and when adjusted, firmly securing the corners of the fence.

To enable others to make and use my invention, I will proceed to describe its construction. I construct my fence of sawed rails, one and a half inches in thickness, six inches in width and ten feet in length. The dimension of the rails may be varied to suit the taste or materials of the builder. The rails are laid up edgewise into an angular or worm fence, and firmly secured in these planes by miter or three corner formed keys, which keys should be as long as the fence is intended to be high. Two keys are required at each corner of the fence, and are placed in the two small angles, formed adjacent to the main angle of the fence, by the overlapping or crossing of the rails. These keys when thus adjusted are themselves held firmly in their beds, by the overlapping portions of the rails, and the rails are also held firmly in their places by the keys. To prevent the keys from being forced out of their beds, a nail is tacked through them near each end, passing into the rail with which it is in contact. The keys can be sawed out of logs of any given length, and of any required angle by a sawyer of ordinary skill and ingenuity.

The accompanying drawing shows a perspective view of the fence when completed.

Figure A is a drawing of one of the keys.

I commence laying it up by first inserting a post firmly in the ground, onto which the rails forming the first length are to be nailed as shown at B. I then proceed to place the

rails edgewise in the form of an ordinary worm fence, and when I have laid two rails high I put in the keys in their proper place, and thus proceed till the first length is of the proper height. I then drive the keys firmly to their places, and secure them by tacking a nail through them as above stated. I continue in this manner to complete the fence, securing the extremities of the rails forming the last length to a permanent post set in the ground in the same manner as at B.

In laying the rails I take care to so graduate the angles of the fence as that the keys when driven to their places will fit snugly in their beds, or small angles above referred to.

The advantages derived from my invention consist: first, in securing the corners of the fence firmly by means of the use of the above described keys, applied in the manner above stated. Second, in the cheapness with which the fence can be thus constructed the material, of which it may be made, needing little or no preparation for laying up after the stuff leaves the mill. Third, in the facility with which the fence can be constructed. Fourth, in its great strength, every part coming to its place like framework, and being sufficient to resist all cattle and winds. Fifth, in its great durability, no part of it necessarily coming in contact with the ground, and not being liable to rot from a retention of moisture in any of its parts. Sixth, in the neatness and beauty of the fence. Seventh, in the facility with which the fence can be taken down, without injury to it, and removed, it requiring only to remove the keys.

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

The securing the corners of a field fence, constructed of sawed rails of the character above described, by means of keys of a miter or bevel form applied in the way and manner herein described.

THOS. J. HUBBARD.

Witnesses:

SAM. S. ABBOTT,
R. J. BURNS.