

T. W. Owens,
Portable Fence.

No 105,239.

Patented July 12, 1870.

Fig: 3.

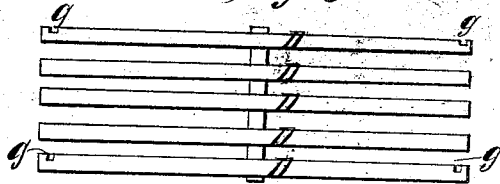


Fig: 4.



Fig: 2.

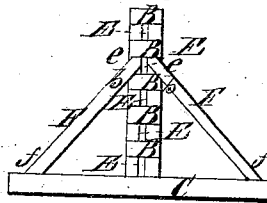
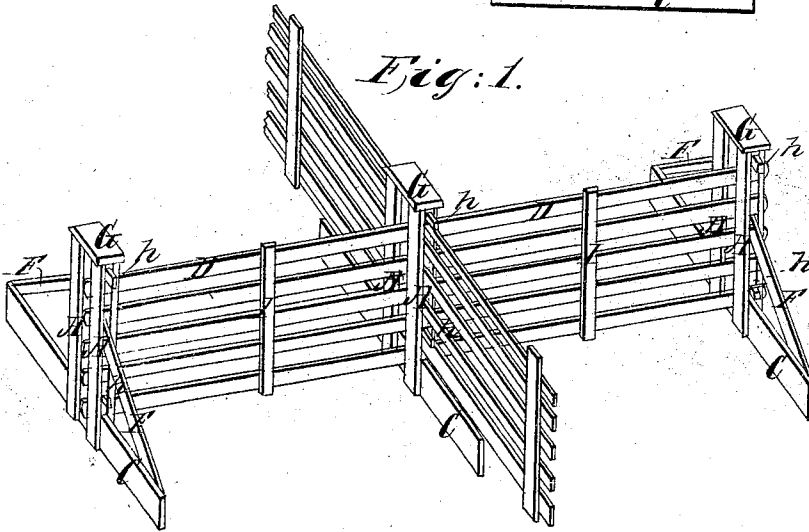


Fig: 1.



Witnesses:
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United States Patent Office.

THOMAS W. OWENS, OF GRANVILLE, OHIO.

Letters Patent No. 105,239, dated July 12, 1870.

IMPROVEMENT IN FARM-FENCE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, THOMAS W. OWENS, of Granville, in the county of Licking and State of Ohio, have invented a new and improved Mode of Constructing a Fence for Farms and other purposes; and do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in constructing sectional posts, made of suitable material, forming on their sides slots or openings, two sides of which are for the reception of rails or boards for its panels; the others are used for bracing sideways, keying the panels together, the forming of corners, and the reception of partitions, or division-fences, having also a base-board inserted in its bottom transversely, to serve as feet on which it rests or stands when set up.

To enable others skilled in mechanical arts to make and use my invention, I will proceed to describe its construction and setting up.

Take lumber of any kind, one inch thick, four inches wide, and cut into lengths of desired height, say four feet eight inches, four for each post, A A A A, Figure 1.

Of the same material cut five pieces ten inches long, B B B B B, Figure 2.

Then take a board one inch thick, six inches wide, and cut pieces four feet long, one for each post, shown at O, fig. 2.

Then (having the thickness of the panel-boards or rails D, Figure 3,) take two of the upright sections A and lay them down on a smooth place, apart just the thickness of the two panel-boards D, say two inches.

This will be the width of the slots E, fig. 2, which are made to receive the ends of the boards, and the extreme of the uprights will be just the length of the cross-sections B, fig. 2, which should be placed as follows:

Commence at the bottom. Place a cross-section on them at right angles with its lower edge, twelve inches from the ends, and secure it there with nails. Place the next six inches from the one, and so on, till all are secured to their proper places.

Then take the transverse board C, fig. 2, lay it on the bottom ends of the upright sections A A, already secured, and midway of itself, and secure it also by nails.

Then clip off, with saw, the top corners of the third cross-section B, as shown at b, fig. 2, to receive the ends of the braces F F, fig. 2.

Cut the braces off the same material as the upright sections A A, with the upper ends cut diagonal or beveled to fit close against cross-section B, as shown at e e, fig. 2, and secure them there to the uprights, and at the lower end to the transverse board of foot below, as shown at f, fig. 2.

Now, take the remaining two upright sections, place them on either ends of your cross-sections and foot-board, and neatly over their fellows, and nail them there.

To the top of this post secure a cap, G, fig. 1, extending over all around, about one inch, to shed the weather.

For panels, take five or more boards, (if for board-fence,) one inch thick, six inches wide, and length as desired. Square the ends.

Then in the top and bottom boards cut out a gain one and one-fourth inch from the ends, one inch wide and one inch deep, g, fig. 3. Then place them all the proper distance apart, to fit the openings of the parts and nail across them midway a bottom, I, fig. 3, to support them and prevent them from springing singly; or, if more convenient, prepare the bottom and put it on after inserting the panel-boards into their places as you set up the fence.

To connect the panels, make keys J, Figure 4. Set up the posts, and insert the ends of the panels, taking care to have them with gains placed at the top and bottom, with gains up.

Then, through the top and bottom transverse openings, insert the keys J through the gains g, fig. 3, of the panels, as shown at h, fig. 1, and there is a good portable fence.

For connecting partition fences and turning corners, use the post without braces, or one only, as required, and insert the panels in the transverse slots or openings.

What I claim as my invention, and desire Letters Patent therefor, is—

The combinations of the posts A, with or without the caps G, connected together by the pieces B, transverse slots E, bottom-board C, and braces F, panels or boards D, inserted in the slots B from opposite sides of the posts A, and firmly secured thereto by means of the slots g and keys J, all constructed as herein described, for the purpose set forth.

THOS. W. OWENS.

Witnesses:

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