

R. J. Planner,

Wood Fence

No. 109,606.

Patented Nov. 29, 1870.

Fig. 1.

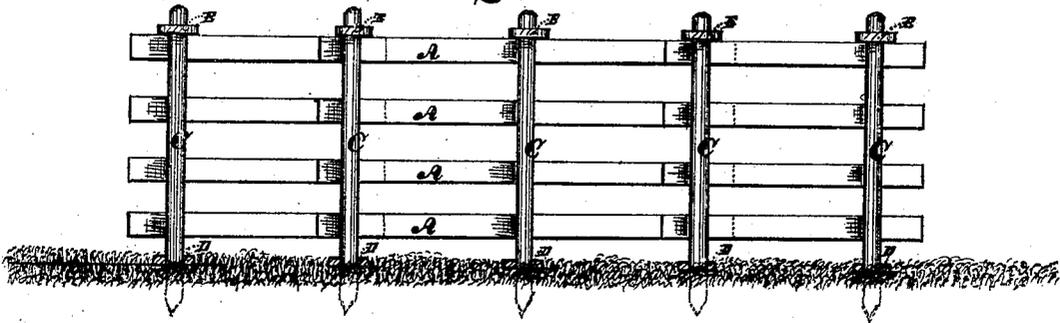


Fig. 2.

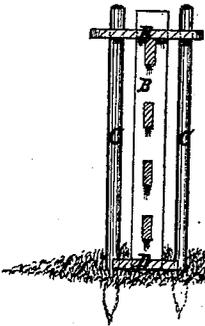
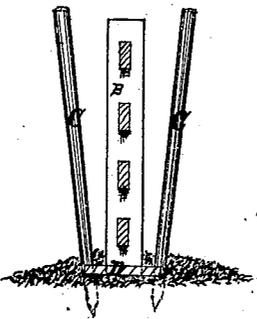


Fig. 3.



Figs. 6.

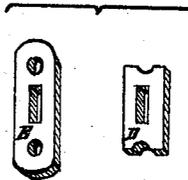


Fig. 4.

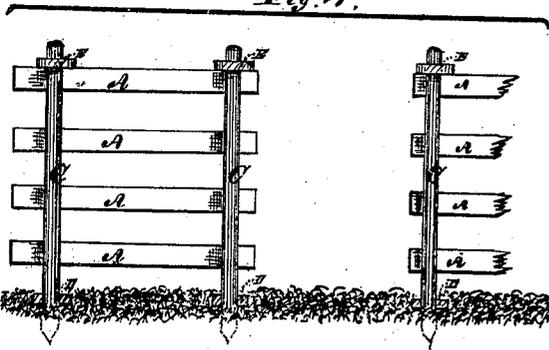
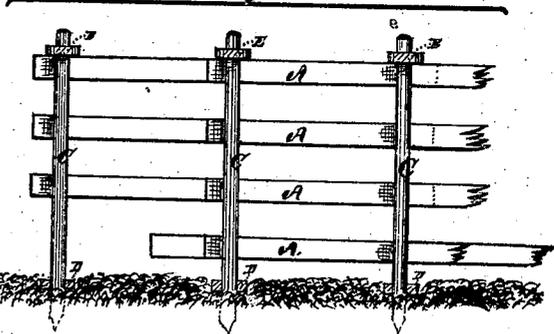


Fig. 5.



Witnesses.

Geo. S. Briggs.
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RODOLPHUS J. FLANNER, OF PLAINFIELD TOWNSHIP, MICHIGAN.

Letters Patent No. 109,606, dated November 29, 1870.

IMPROVEMENT IN FENCES.

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, RODOLPHUS J. FLANNER, of the township of Plainfield, in the county of Kent and State of Michigan, have invented a new and improved Fence; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings making part of this specification, in which—

Figure 1 is a side elevation of my improved fence.

Figure 2 is a detached sectional elevation, showing post B, braces C, foot-piece D, and cap-piece E.

Figure 3 is a section showing position of braces C and foot-piece D before the cap-piece E is placed in position.

Figure 4 is a section showing opening for the passage of teams, by means of sliding back the horizontal boards A.

Figure 5 is a section showing opening at the bottom, without disturbing the top.

Figure 6 shows foot-piece D and cap-piece E.

Similar letters of reference indicate corresponding parts in the several figures.

The object of this invention is to produce portable or stationary board fences without the use of nails, bolts, or pins, in such a manner as to effect substantial work, and at less expense than heretofore.

To enable others skilled in the art to understand my invention, I will describe its construction and operation.

A A A A represent the boards forming the horizontal portion of the fence.

These boards may be of any length or width, and are received and held to place by means of post B, as shown in fig. 2.

B B represent the receiving or portable posts, which are held to place at the bottom and top by means of foot-piece D and cap-piece E.

These posts are made from ordinary inch lumber, and are mortised at regular intervals, to receive the horizontal boards A, in such a manner as to allow the same to slide in either direction, thereby enabling a passage to be effected at any point in the fence, as shown in fig. 4.

By allowing the horizontal boards A to slide in the post B, I do away with all gates or bars, and am enabled, also, to allow sheep or hogs to pass from one field to another without opening a gap sufficient for horses or cattle to pass, as shown in fig. 5.

It will be observed that every alternate post B is mortised in such a manner as to receive two thicknesses of the horizontal boards A, thereby enabling them to lap and pass at the point of joining, as shown in fig. 5.

C C C C represent the braces, which are two and one-half inches in diameter. These braces are sunk or driven into the earth, as shown in fig. 3, and then sprung together and fastened at the top by means of cap-piece E, as shown in fig. 2, being held firmly at the bottom by means of foot-piece D.

D D D D represent the foot-pieces, forming the base of the fence, being mortised to receive and support post B, as shown in fig. 6.

E E E E represent cap-pieces, which may be used either at the top of brace C, as shown fig. 1, or at any point lower. By means of this adjustable cap-piece I am enabled to use brace C of any length.

It will be observed that my improved fence, as above described, can be moved with ease and without damage. By removing the adjustable cap E and brace C the fence is left free to be moved, by section or otherwise.

Another important consideration claimed is, that the horizontal boards A, being used without nails or holes, may be removed from the fence, when dry or seasoned, and converted into other purposes, requiring dry lumber. By this means I am enabled to season lumber in the fence, replacing it at any time by green or unseasoned stuff.

I also claim, by this invention, to be able to use any kind of lumber, without regard to its warping, as, by means of the post B, it is held firmly and securely to place.

Having described my invention,

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

A portable or stationary board-fence, composed of horizontal boards A, connected by post B and brace C, and secured by means of foot-piece D and cap-piece E, substantially as described.

RODOLPHUS J. FLANNER.

Witnesses:

GEORGE G. BRIGGS,
J. W. PERCE.