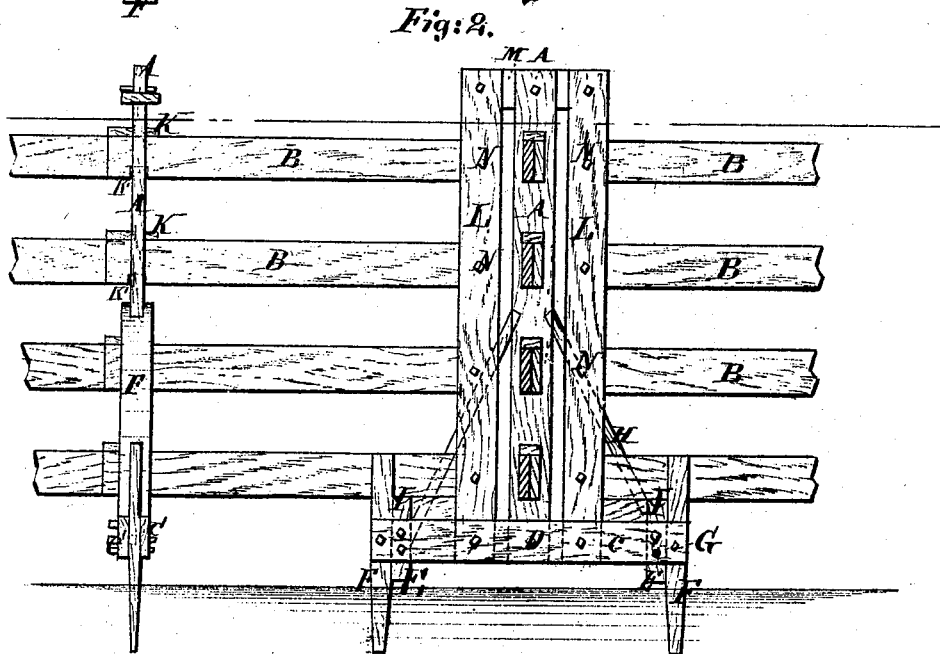
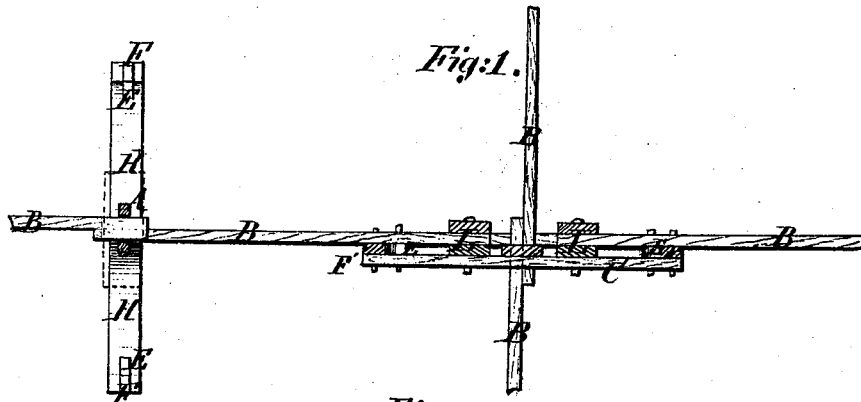


L. Philips,
Wood Fence.

No. 107,533.

Patented Sept. 20. 1870.



Witnesses:

Ms. Forlamm
& J. Maber

Inventor:

L. Philips
PER *Wm. L.*
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United States Patent Office.

LESTER PHILIPS, OF EAU CLAIRE, WISCONSIN.

Letters Patent No. 107,533, dated September 20, 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, LESTER PHILIPS, of Eau Claire, in the county of Eau Claire, and State of Wisconsin, have invented a new and useful Improvement in Fences; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in the construction of farm-fences, and consists in certain details of construction, hereinafter specified, whereby a cheap, durable, portable fence is provided, which is adapted for being set vertically on side hills or level ground, and made so that the parts may be all fitted in the shop, for putting together in the field, in a simple manner, the like parts being interchangeable.

Figure 1 is a top view of a section of my improved fence, and

Figure 2 is a side elevation of the same.

Similar letters of reference indicate corresponding parts.

The posts A, for the continuous fence, are made of one piece of board, preferably of the same width and thickness as the longitudinal boards B. They are pivoted at the bottom between two horizontal supporting-boards, C, of like character, by pins D. These boards C have, near the ends, short blocks, E, pinned between them, and they are supported above the ground by the short stakes F, driven into the ground, and passing between the boards at the ends, where they are nailed or pinned together at G, the said stakes rising above the boards sufficiently to be driven again when the ends in the ground rot off, the nails or pins at G being first withdrawn, and the parts being again nailed or pinned.

The base-supports C, for the posts, may be beveled on the stakes when the ground inclines transversely, in respect to the fence, if the inclination is not too much.

The posts are braced, laterally, by narrow strips of boards, H, notched into the sides of the posts, and resting on the base-boards C, against the blocks E, where they may also be notched to prevent displacement laterally.

If the ground pitches laterally, in respect to the

fence, too much to admit of leveling the base-boards C on the stakes, then the posts may be turned on the pivots D to the vertical position, and the braces on the down-hill side may be set in notches, I, in the tops of the blocks E on that side.

The posts are mortised, for the ends of the boards B, on each side, to meet and lap in the said mortises; and the latter are made longer than the width of the boards, for the admission of keys, K, above or below, for securing the boards, which are notched on the edges opposite the keys to lock with the posts, as shown at K'.

For running a fence up or down hill, the posts A may be set vertically, and the boards B may be arranged obliquely in the posts, the walls of the ends of the mortises being made oblique for the purpose.

For uniting two fences at a right or other angle, I employ double posts, L, connected to the base-boards C of one of the posts A, as shown, and to the post at the top by a short board, M.

For fences crossing each other, two of these posts L are used, one on each side of the post A, as shown.

The boards B are connected to these end posts L by pins, N, passing through the ends, which are placed between the two boards which form the posts. This connection admits of arranging the boards B obliquely to the posts for uneven ground.

The posts may have caps, Q, placed on the tops, as shown, to prevent them from splitting.

It will be seen that this improved construction provides a fence well adapted for any surface, whether level or not; also, that it is cheap and durable.

Having thus described my invention,

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

1. The combination of the posts A, boards B, keys K, base-supports C, stakes F, blocks E, and braces H, when all are constructed and arranged substantially as specified.

2. The combination, with the posts A, boards B, and base-supports C, of the corner posts L, when constructed and arranged substantially as specified.

LESTER PHILIPS.

Witnesses:

L. B. CARPENTER,
V. B. BARRON.