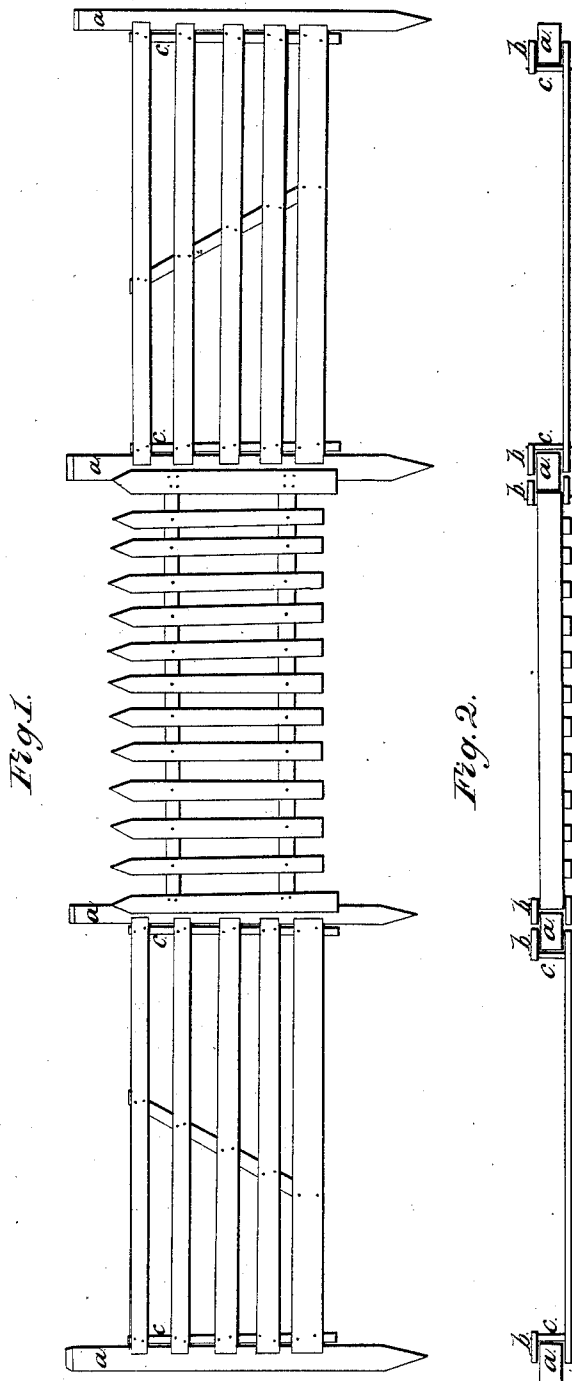


E. E. Lewis,
Wood Fence,

N^o 20,071.

Patented Apr. 27, 1858.



UNITED STATES PATENT OFFICE.

E. E. LEWIS, OF GENEVA, NEW YORK.

FIELD-FENCE.

Specification of Letters Patent No. 20,071, dated April 27, 1858.

To all whom it may concern:

Be it known that I, EBENEZER E. LEWIS, of Geneva, in the county of Ontario and State of New York, have invented certain

5 new and useful Improvements in Field-Fences, and that the following is a true, clear, and exact description of the same, reference being had to the accompanying drawings, illustrative thereof, in which—

10 Figure 1 is a front elevation and Fig. 2 is a top plan thereof.

My improvements consist in so constructing the ends of the fence-panels that they will lock onto the posts and permit the

15 panels to slide between them so that the panels will be independent of the posts in order that the posts may be driven farther into the ground when disturbed by frost or rot without disturbing the panels and the

20 panels may be removed without disturbing the posts and yet have them connected while together in a permanent and durable manner, the post being surrounded and protected by the peculiar construction of the ends

25 of the panels. To accomplish these results I make the panels in any style desired, but at their ends I form some convenient lock or groove which when butted together form a channel through which the post may be

30 driven into the ground and permit the posts to be sunk below the top of the fence whenever the decay or wear of the posts shall render it necessary and the posts can then be followed with new posts through the same

35 channels. Also with this arrangement any panel can be readily removed to form a temporary gate, or they may easily be removed to prevent snow from drifting in against them, which is often desirable for lanes

40 and roads in winter.

The construction of my improved fence will be better understood by reference to the drawings in which—

“a” “a” “a” “a” are the posts and “b,” “b,” “b,” “b,” “b,” “b,” are pieces fastened to the panels and form part of the lock and post channel.

In the horizontal board fence “c” “c” “c” “c” are perpendicular pieces to which the boards are fastened and which form the sides of the post channel. The fence boards project about half the width of the post beyond these pieces and form the front of the post channel, and to the back edge of these pieces narrow strips are fastened which project about half the width of a post—so that when the ends of two panels are butted together a perfect and continuous channel is formed which surrounds and protects the posts and holds the panels firmly in an erect position in every direction—except that they may readily be raised up from the ground when desired.

It will be observed that by constructing a fence upon this principle any quantity of it may be manufactured during the winter and readily set up in pleasant weather and the great convenience which it presents for repairs renders it for a series of years the most economical fence that has yet been devised, while its great convenience in other respects renders it desirable both for farms and common roads.

Having fully described my improvement what I claim therein as new and desire to secure by Letters Patent is—

The combination of the panels and posts of a fence when arranged independent of each other substantially in the manner and for the purposes set forth.

E. E. LEWIS.

Witnesses:

M. G. HUBBARD,
ALEXANDER MOTT.