

J. C. Leonard, Wood Fence,

N^o. 61,942.

Patented Feb. 12, 1867.

Fig. 1.

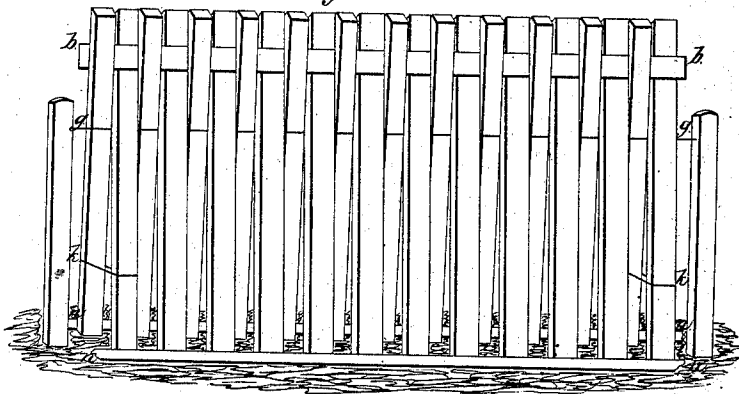


Fig. 1.

Fig. 2.

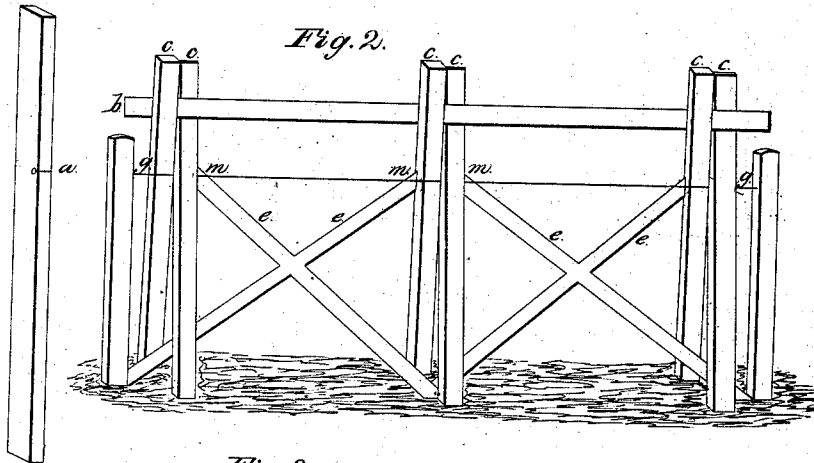
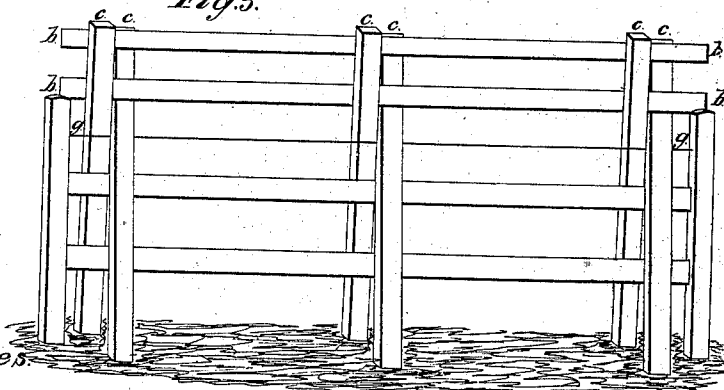


Fig. 3.



Witnesses.

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JOSEPH C. LEONARD, OF UNION CITY, MICHIGAN.

Letters Patent No. 61,942, dated February 12, 1867.

IMPROVEMENT IN FENCES.

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

TO WHOM IT MAY CONCERN:

Be it known that I, JOSEPH C. LEONARD, of Union City, Branch county, State of Michigan, have invented a new and improved Method of Building and Supporting Fences; and I do declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and the letters marked thereon.

The nature of my invention consists in building and supporting fence by a wire or rod of iron galvanized, or other suitable material raised from the ground a sufficient height, and supporting stakes or posts placed on either side of it sufficiently apart to form a base for the fence, and fastened to the wire by slots sawed into them to receive the wire, and bound together and to the wire support by a tie or rider placed between the stakes or posts directly above the wire, with loops or bands of wire placed across the stakes below the wire support to keep them from spreading, or by placing poles or rails along the foot of the stakes when not secured in the ground; also braces placed under the support, and laterally with it, and secured to it by a slot sawed into the upper end. In the drawings accompanying this description of my improvement—

Figure 1 represents a fence wholly made of stakes or posts, which may be sawed, split, or round.

Figure 2 is a stake brace and rider fence built more open and requiring less material.

Figure 3 is a post and board fence of sawed materials.

All of these different forms of fence are built with my improvement of support, tie, brace, and rider.

In order to enable others acquainted with building fences to more fully understand my improvement and its application, I will proceed to explain the method of building fence after my improved plan, which I claim to have discovered.

Providing myself with a wire, galvanized, or otherwise of a suitable size and strength for the kind of fence I propose to build, in order to construct the kind shown in fig. 1, I attach it to a post and extend it along the line on which the fence is to stand, and secure it to another post at any given distance, and if I propose to secure the end of the stakes in the ground, I dig a trench some six inches deep on each side of the wire where I propose to place the foot of the stakes. Having prepared the stakes with a slot in each, of a suitable size to receive the wire, as shown at *a*, fig. 4, I place them alternately on either side of the wire, inclining towards it, and passing each other above the wire, and having their feet standing in the trenches on either side, and the wire passing through the slot of each. Having placed a sufficient number to admit of a tie or rider, I place one between the stakes above the wire at *b b*, fig. 1, and press it down firmly so as to securely fasten the stakes to the wire and hold them in their place, and so proceed until my fence is completed. To build fence No. 2, I proceed to put up the stakes *c c c c*, and fasten them together on the wire with the braces *c c c c*, and rider *b b*, substantially as in the first instance in fig. 1. To build fence No. 3, having extended the wire as in the first instance, I fasten the posts as often as required by the length of the boards used, and having nailed a board between the posts above the wire, at *b b*, as a binder to hold them together, and placed loops of wire on the bottom of the post to keep them from spreading, I proceed to nail on the boards and complete the fence.

I do not claim a stake and rail fence or post and board fence, as described above as my invention, as such, and now in use, only so far as supporting and holding them in place is new, and now first applied to building such fences; nor do I claim broadly the use of a horizontal wire or rod for supporting the pickets or stakes of a fence, nor forming an inclined slot in the pickets or stakes to receive the wire; but having fully described my invention, what I claim as new in the construction of my improved fencing, and desire to secure by Letters Patent, is—

The combination of inclined stakes or pickets with a horizontal supporting wire or rod, when said stakes are slotted or kerfed to receive the wire, and are prevented from spreading apart at their base, all substantially as herein described and illustrated.

JOSEPH C. LEONARD.

Witnesses:

C. VAN NESS,

C. P. BENTON.