

E. C. Patterson,

Wire Fence,

N^o 79,854.

Patented July 14, 1868.

Fig 1

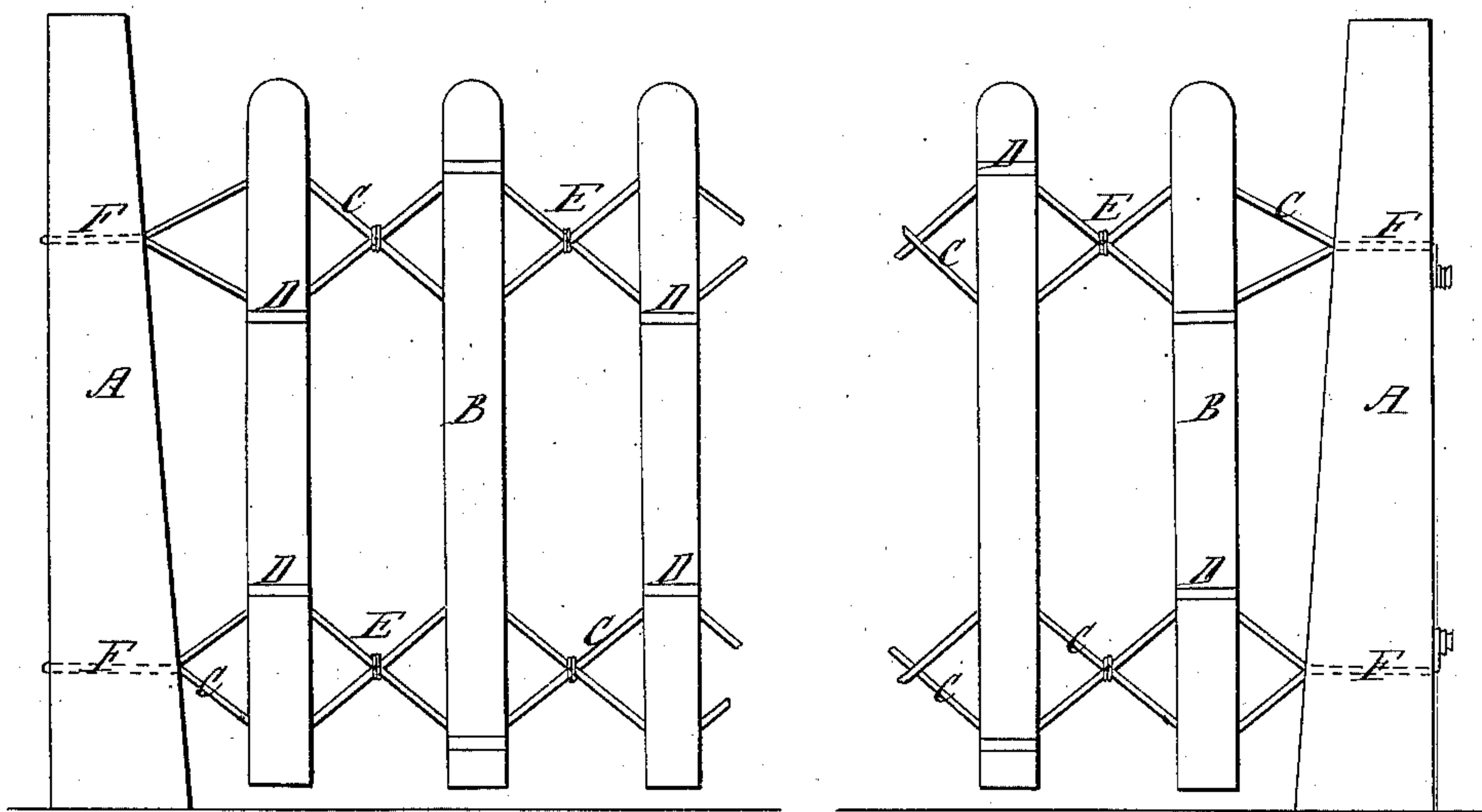


Fig 2



Witnesses

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ELIAS C. PATTERSON, OF ROCHESTER, NEW YORK.

Letters Patent No. 79,854, dated July 14, 1868.

IMPROVEMENT IN WIRE AND PICKET-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, ELIAS C. PATTERSON, of Rochester, Monroe county, State of New York, have invented a new and useful and improved Wire and Picket-Fence; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings.

Figure 1 is a side view of my fence.

Figure 2 gives a view of one picket, with slots in which the wire is placed.

In these drawings, A is the post; B are the pickets; C is the wire; D are the slots; E represents the wires crossing each other, and attached together by means of wire wound around them both; F represents the wire attached to the main posts.

To enable others skilled in the art of manufacturing my fence, I will explain its construction.

I use ordinary-sized posts, set in the ground ten or twelve feet apart. Through these posts I put holes for the wire to pass through, as represented by letter F.

I use two wires at each end and on both sides of each picket, making four wires in all (No. 10 or 12 wire,) each wire crossing, and at same time drawing opposite ways against each other, as shown in fig. 1, giving the same strain on each side of the pickets, which, with one wire at each end of the pickets, and both on the same side of pickets, cannot be given.

To tighten the fence, I use a piece of wire, passing around both wires at the point where the wires cross each other, as shown in fig. 1 by letter E.

Letter C, in fig. 1, represents the wire as placed in the fence, on each side of the picket, one wire drawing against and crossing the other, giving it greater strength and durability than can be given with only two wires, one at each end, and both on the same side of the picket.

Now, I do not claim a fence of pickets or slats provided with oblique notches, made at different distances apart in the successive or adjacent pickets, and on the same side of each; but

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

A wire and picket-fence in which each picket is provided with two or more pairs of oblique slots or notches for wires, at different heights, the notches of each pair in the same picket being also at different heights on opposite sides, and inclined, the one upward and the other downward, the pickets being so arranged that each wire of a pair shall alternate from a high to a low notch, and *vice versa*, in the successive pickets, and the two wires of each pair being tightened by being seized together at their crossings, substantially as described.

ELIAS C. PATTERSON.

Witnesses:

JOHN M. BARDWELL,

W. J. FOSTER.