

D. E LUPOLD  
Fence.

No. 198,640.

Patented Dec. 25, 1877.

Fig. 1.

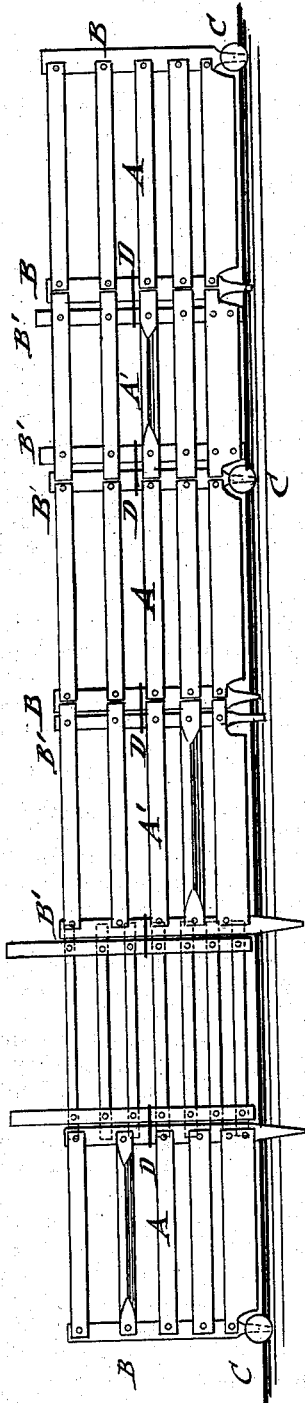
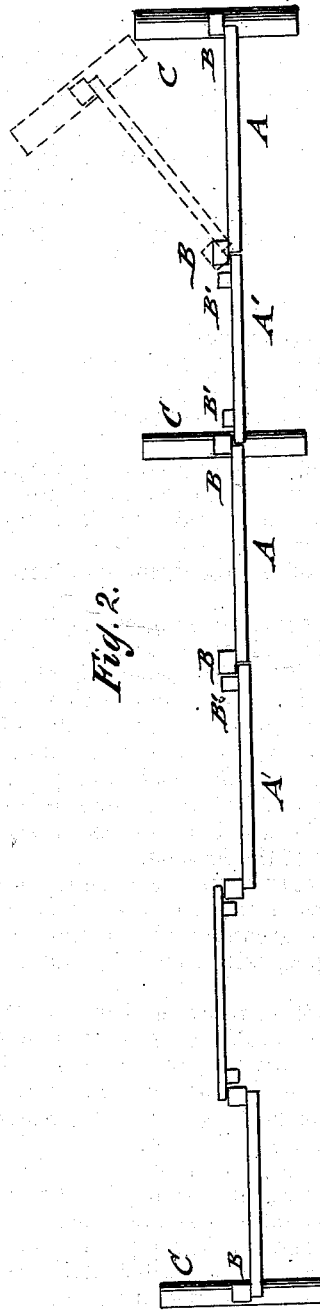


Fig. 2.



WITNESSES:

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DAVID E. LUPOLD, OF DRIFTWOOD, PENNSYLVANIA.

## IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. **198,640**, dated December 25, 1877; application filed April 16, 1877.

*To all whom it may concern:*

Be it known that I, DAVID E. LUPOLD, of Driftwood, Cameron county, Pennsylvania, have invented a new and Improved Fence, of which the following is the specification:

Referring to the accompanying drawings, forming part of this specification, Figure 1 represents a front view, and Fig. 2 a plan view, of my improved fence.

Similar letters of reference indicate corresponding parts.

The invention has reference to an improved stationary or portable fence that may be readily set up, and rigidly connected, requiring less wood, and being less exposed to wear; and it consists of a fence having panels made of rails, with tapering ends, and extending only to the center of the posts, said panels alternating with panels in which the rails are extended to half the width of the posts, so as to fit on the posts of the first panels.

The posts are driven in the ground, and supported on alternating base or cross pieces that are set in the ground. The panels are connected by ropes, wires, or hooks of the posts.

In the drawings, A represents one set of panels, and A' the alternating set, which is preferably made shorter than the panels A, and made of rails with tapering ends, which are attached to posts B, but made to extend only to the center-line of the same.

Any suitable material, as split poles, or limbs of trees, boards, &c., may be used for rails, according to the wood that is available.

The posts B at one end of the panels A are pointed at the lower end, to be driven into the ground; and the posts at the other ends of the panels are mortised into cross-pieces C, that are partly embedded in the ground, and made of sufficient width to form a steady alternating support for the panels.

The alternating panels A' are made of rails, applied to lighter posts B', the rails extend-

ing beyond the posts B' to a distance equal to half the width of the posts B, so that the panels may be fitted onto the posts B, and securely connected thereto by fastening ropes, wires, or hooks D. The lower rails of the panels are preferably made wider when the fence is intended for inclosing yards, so as to extend down close to the ground, and keep thereby geese, pigs, and smaller animals inclosed.

The fence may be readily taken up for being moved and replaced, being not liable to wear, and cheaper in construction than common fences in use, as less expensive fence-posts and no digging of post-holes are required.

The posts are mortised to the cross-pieces by means of wedges, which are driven in to rigidly secure the posts in position.

The key can readily be drawn out when the base or cross pieces and posts begin to rot, or when it is desired to move the fence or turn the panels. The panels may then be turned and set with the upper ends of the posts downward into the ground, lasting in this manner a great deal longer.

The cross-pieces are mainly useful in rocky and stony ground, as they facilitate the putting up of the fence without driving so many posts.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The portable fence herein described, consisting of panels A, having pointed posts, and posts with base-sills C, and rails extending only to the center of the posts, in combination with alternating panels A', having end posts and rails extending beyond the latter, as and for the purpose set forth.

DAVID E. LUPOLD.

Witnesses:

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