

A. A. GARVER.
Improvement in Fences.

No. 126,950.

Patented May 21, 1872.

Fig. 1.

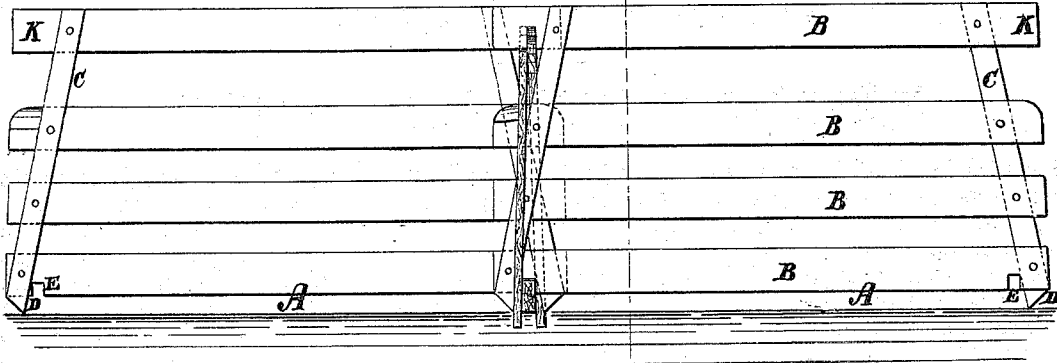


Fig. 2.

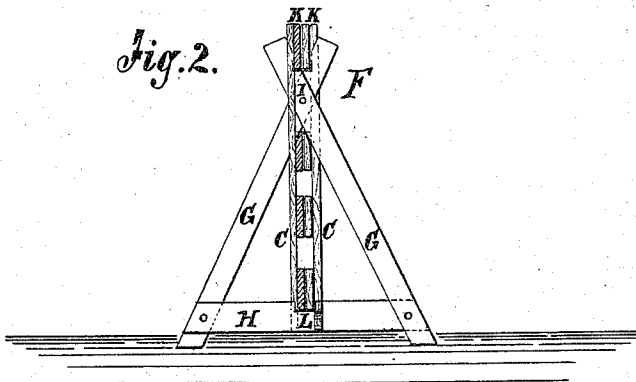


Fig. 3.

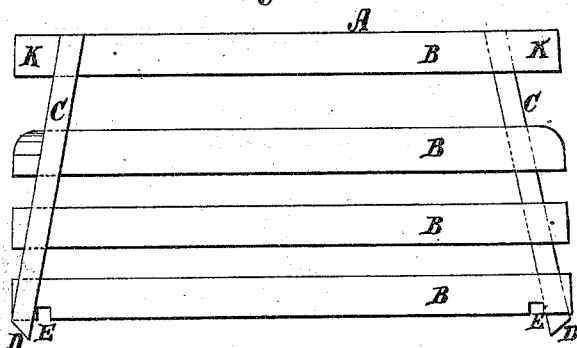
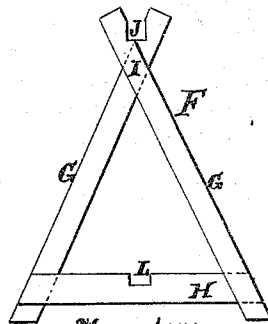


Fig. 4.



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IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. 126,950, dated May 21, 1872.

Specification describing a new and Improved Portable Fence, invented by ANDREW A. GARVER, of Albion, in the county of Marshall and State of Iowa.

This invention consists mainly in arranging the cross-slats of the panel diagonal to the rails of the same to admit of a better connection of the panel with the double brace than in other portable fences.

In the accompanying drawing, Figure 1 represents a side elevation of a fence constructed according to my improvement. Fig. 2 is a vertical cross-section looking to the left from the line *xx* of Fig. 1. Fig. 3 is a view of one of the panels, detached. Fig. 4 is a view of the double brace, detached.

Similar letters of reference indicate corresponding parts.

This fence consists of panels A, composed of rails or slats B, connected together by upright slats C placed in an inclined position, as seen in the drawing, so that the upper rail will project six inches, more or less. The lower ends of these pieces C project down below the lower rail, as seen at D. In the lower edge of the lower rail is a notch, E, just inside of the uprights C. These notches and the arrangement of the pieces C allow the upper and the lower rails of the panel to engage with the brace of the fence, as seen in the drawing. F represents a double brace by which the fence is supported, consisting of two slats, G G, connected together by the horizontal piece H, and by a pin or rivet at the point I, where they intersect or cross each other. J is a square slot or recess in the

brace F, which is just wide enough to admit the projecting ends K of the upper rail of two panels, as seen in Fig. 2. When the panels are thus connected with the upper ends of the double brace the notches E of the lower rails engage with the notch L in the horizontal piece H. By this arrangement it will be seen that the intersecting pivot I of the double brace comes between the two upper rails of the panels, while the bars or slats G G extend out on each side, as seen in the cross-section, Fig. 2. The ends of the second rails are rounded and beveled off, as represented, so that they wedge in and bear against the slats of the double brace when the panels are put together, and thereby help to support and keep the fence rigid.

The essential feature of my invention is the position of the slats C with regard to the rails of the panel. This allows the panels to engage with the double brace in a most secure and substantial manner. The panels are readily detached from the brace by raising up one or both. The fence may be taken down or put up in the most expeditious manner.

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

The combination of rails B, slats C, notch E, and recess J of brace F, substantially as and for the purpose described.

ANDREW A. GARVER.

Witnesses:

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