

R. F. WARD.
FENCE.

No. 191,627.

Patented June 5, 1877.

Fig. 1.

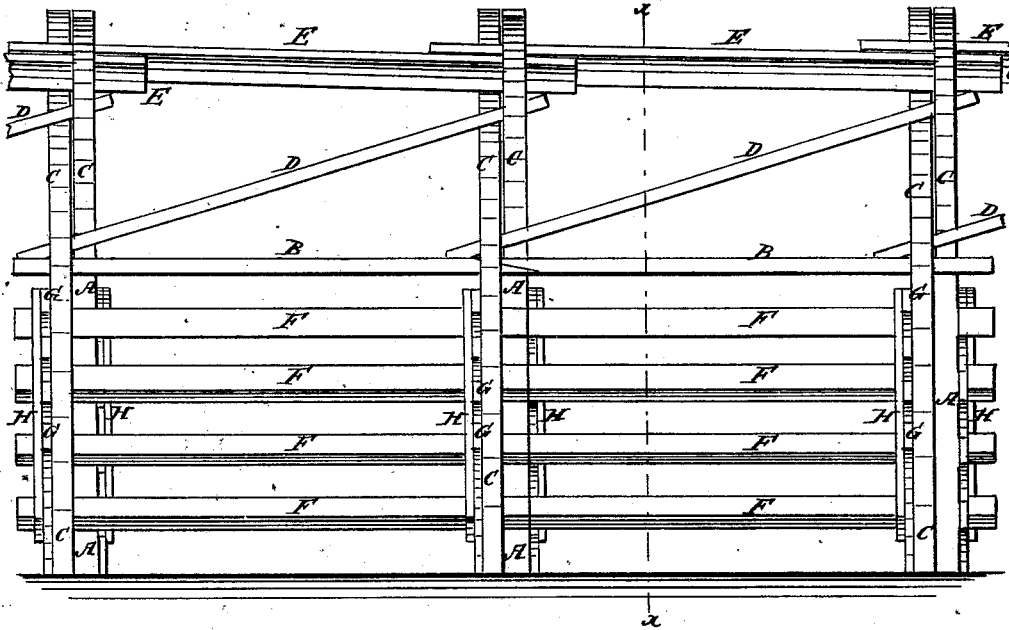
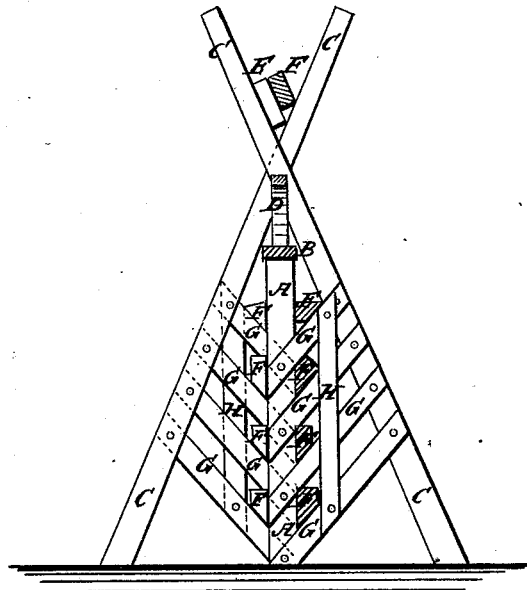


Fig. 2.



WITNESSES:

E. Wolff
J. H. Scarborough.

INVENTOR:

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BY

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ATTORNEYS.

UNITED STATES PATENT OFFICE

ROBERT F. WARD, OF SENATOBIA, MISSISSIPPI.

IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. 191,627, dated June 5, 1877; application filed April 4, 1877.

To all whom it may concern:

Be it known that I, ROBERT FRANKLIN WARD, of Senatobia, in the county of Tate and State of Mississippi, have invented a new and useful Improvement in Fences, of which the following is a specification:

Figure 1 is a side view of a portion of my improved fence. Fig. 2 is a vertical cross-section of the same, taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to improve the construction of the fence for which Letters Patent No. 143,478 were granted to me October 7, 1873, so as to secure the rails in place more firmly, keep them from being moved upward, and give additional support and strength to the fence.

The invention consists in the notches or shoulders formed in the lower edges of the inclined strips to receive the upper edges of the filling-rails, to keep the said rails in place, and in the upright strips attached to the inclined strips at the outer side of the filling-rails, as hereinafter fully described.

A are the uprights, which are driven into the ground to a suitable depth and at suitable distances apart, and to the tops of which are nailed the riders B. C are braces driven into the ground to a suitable depth, and at a suitable distance from the line of uprights A, and which cross each other above the riders B. D are the diagonal riders, the lower ends of which rest upon the riders B in the lower angle of the crossed braces C, and their upper ends rest in the upper angles of the next ad-

jacent pair of braces C. E are the top riders, which are laid in the upper angles of the crossed braces C. F are the rails, the ends of which rest in the angles between the uprights A and the inclined strips G, the inner ends of which are nailed to the uprights A, and their outer ends are nailed to the braces C. The lower edges of the strips G, except the lower ones or the lower and upper ones, are notched or shouldered at the side of the uprights A to receive the upper edges of the rails or planks F, to hold them in place and keep them from being pushed up the inclined spaces between the strips G. H are upright strips nailed to the inclined strips G at the outer sides of the rails F, to confine said rails securely in place.

When built for a water-fence, the panels are made shorter, the diagonal riders D are left off, and heavy top riders are used, which are secured in place by strips nailed to the upper parts of the braces C above the said riders E, to keep them from floating. By leaving off all the rails F but one or two, a good skeleton or stock fence will be produced.

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

The inclined strips G, having their lower ends notched, and the vertical strips H, in combination with the rails F, central uprights A, and braces C, substantially as shown and described.

ROBERT FRANKLIN WARD.

Witnesses:

EUGENE JOHNSON,
J. H. ARNOLD.