

E. D. YOUNGS.
Fence.

No. 206,993.

Patented Aug. 13, 1878.

Fig. 1

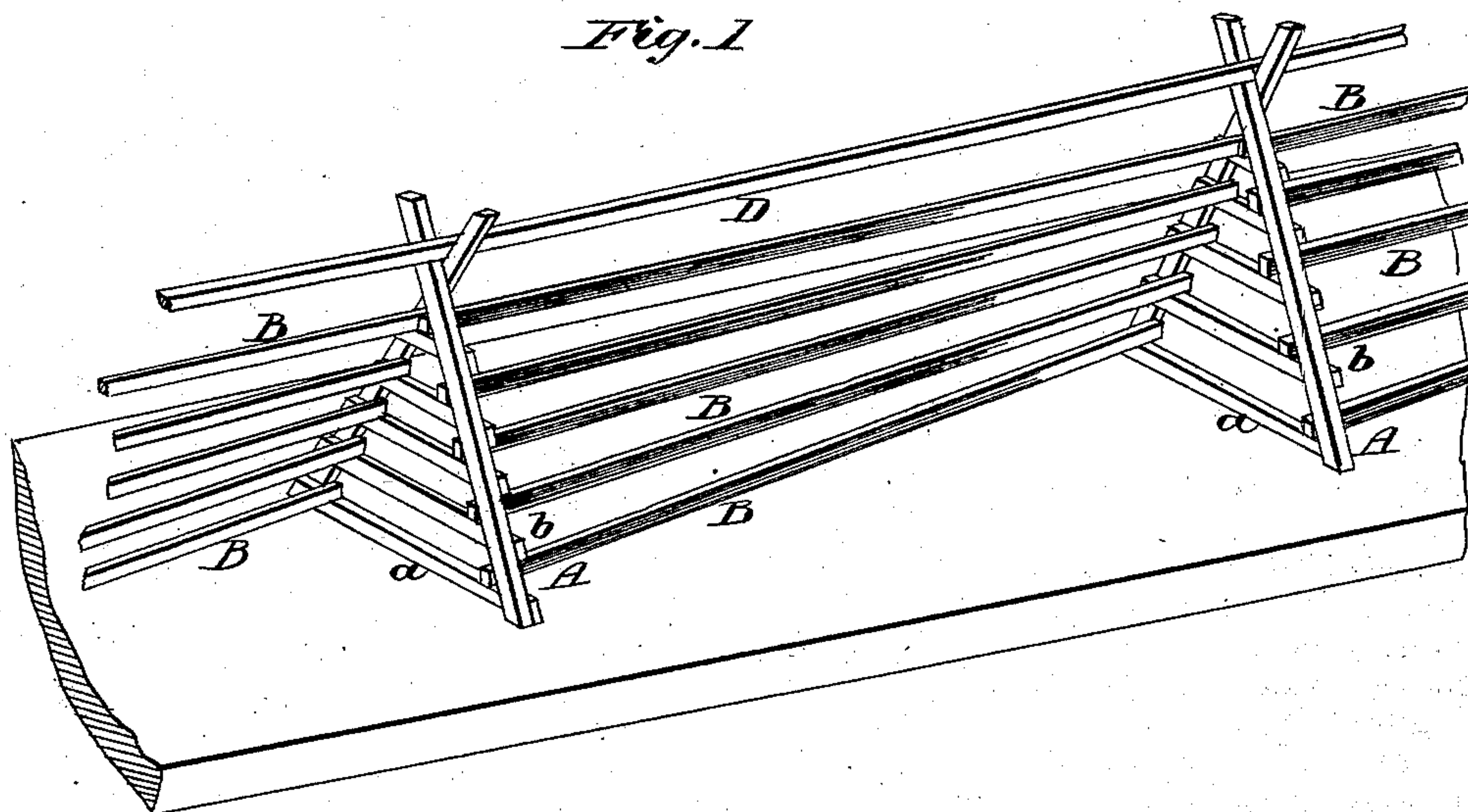
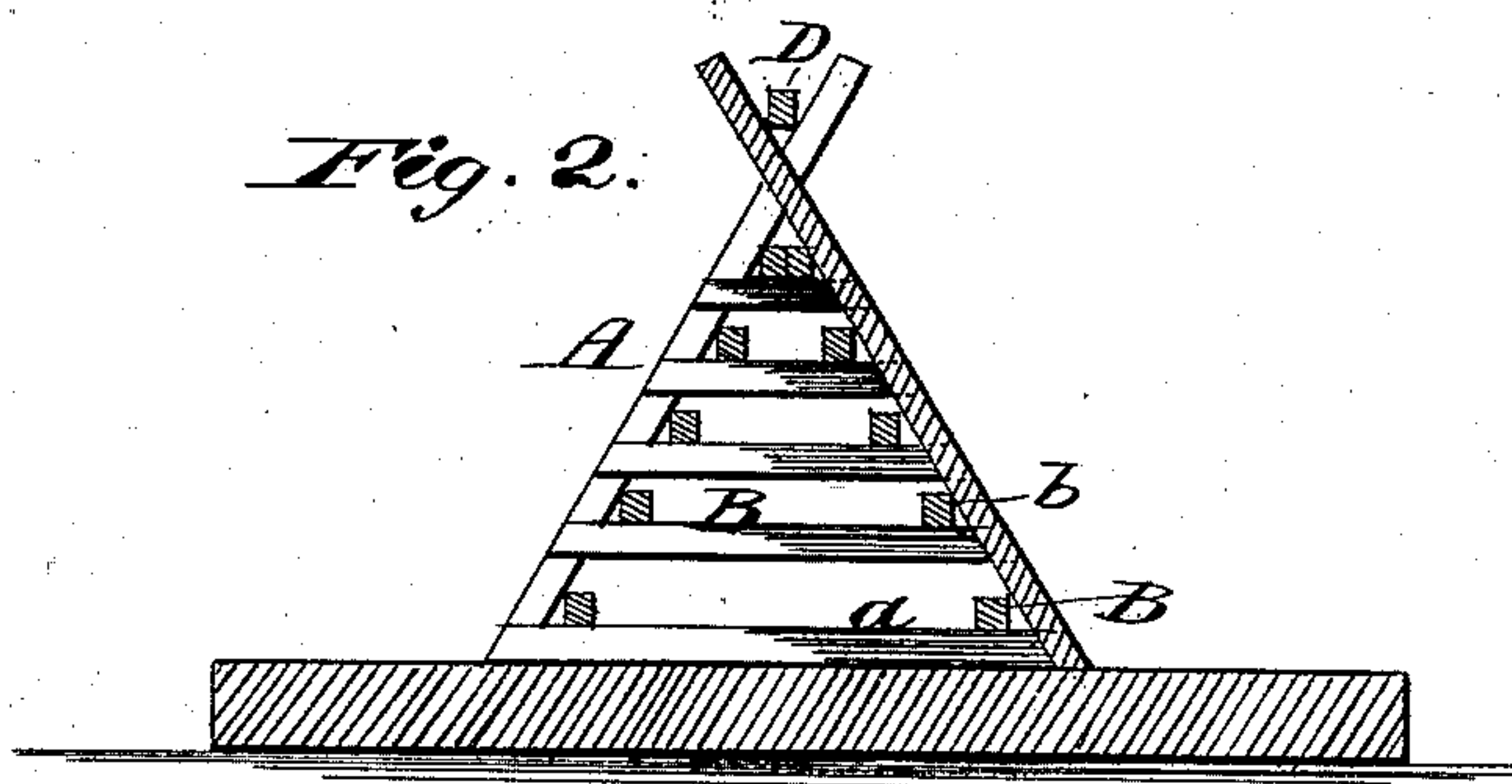


Fig. 2.



Witnesses:
Ad. G. Dutcher
Jno P. Brooks

Inventor
Eugene D. Youngs
per *C. A. Snow*
attorneys-

UNITED STATES PATENT OFFICE.

EUGENE D. YOUNGS, OF ORANGEVILLE MILLS, MICHIGAN.

IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. **206,993**, dated August 13, 1878; application filed July 3, 1878.

To all whom it may concern:

Be it known that I, EUGENE D. YOUNGS, of Orangeville Mills, in the county of Barry and State of Michigan, have invented certain new and useful Improvements in Fences; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 represents a perspective view of my improved fence, and Fig. 2 is a cross-section taken through one of the stakes.

Similar letters of reference denote corresponding parts in both figures.

This invention relates to certain improvements in the construction of fences, as will be hereinafter more fully set forth with reference to the drawings, in which—

A A represent the stakes, which are driven into the ground by pairs, the upper ends of each pair crossing each other, as shown. Upon the ground, between the lower ends of each pair of stakes, I place a block or rail, *a*, say about three feet long, this being the preferred distance between the lower ends of the stakes. Upon the ends of this block, close against the stakes, I place the ends of the rails B B, the other ends of which are similarly placed upon the blocks, between the blocks or rails *a a*, between the pairs of stakes adjoining on each side, the rails being arranged diagonally, as shown, their one end being laid against the inner stake of the first pair, and the other end against the other stake of the pair adjoining, or vice versa. Upon the ends of the rails thus placed in position I place another block, *b*, shorter than *a*, it being, say, about two and a half feet long. Upon this I rest the ends of the next rails B B, which, like A A, are placed diagonally, but, owing to the decrease

in the length of the supporting-block and the space between the stakes, in a less degree. I then arrange another, still shorter, block, another pair of rails, and so on until the height is reached where the stakes cross each other. In the "cross" thus formed I place a binding-pole, D, which serves to prevent any displacement of the stakes, and consequent disturbance of the fence.

The improved fence constructed as herein described I have found, by experience, to offer greater resistance to the wind than other fences constructed at a much greater expense, the exposed portion being comparatively small, and, owing to the diagonal arrangement of the rails, calculated to throw the wind, as it were, aside. But little material is consumed in the erection of my improved fence. It also occupies less space than an ordinary worm rail fence; and, finally, it is so simple in construction that it may be built very easily and rapidly.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The improved fence herein described, consisting of the stakes A A, driven into the ground and crossing each other near the top, the blocks *a b*, &c., placed between the stakes to form supports for the rails, the rails placed diagonally between the several pairs of stakes, and the binding-pole, all arranged and combined substantially as herein described, for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

EUGENE D. YOUNGS.

Witnesses:

FRANK F. BROWN,
WM. BEATTIE.