

W. V. RUSSELL.  
Fence.

No. 214,956.

Patented April 29, 1879.

Fig. 1.

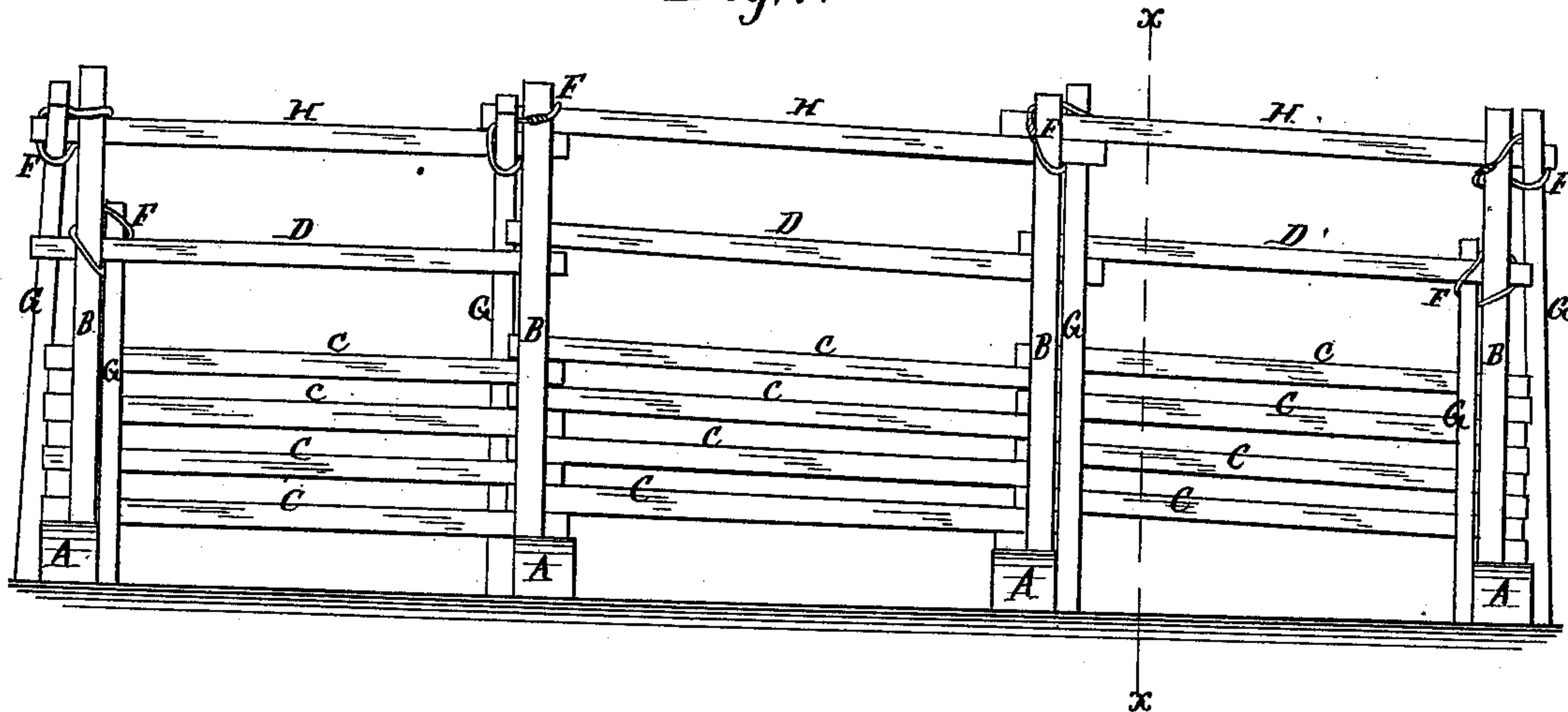


Fig. 2.

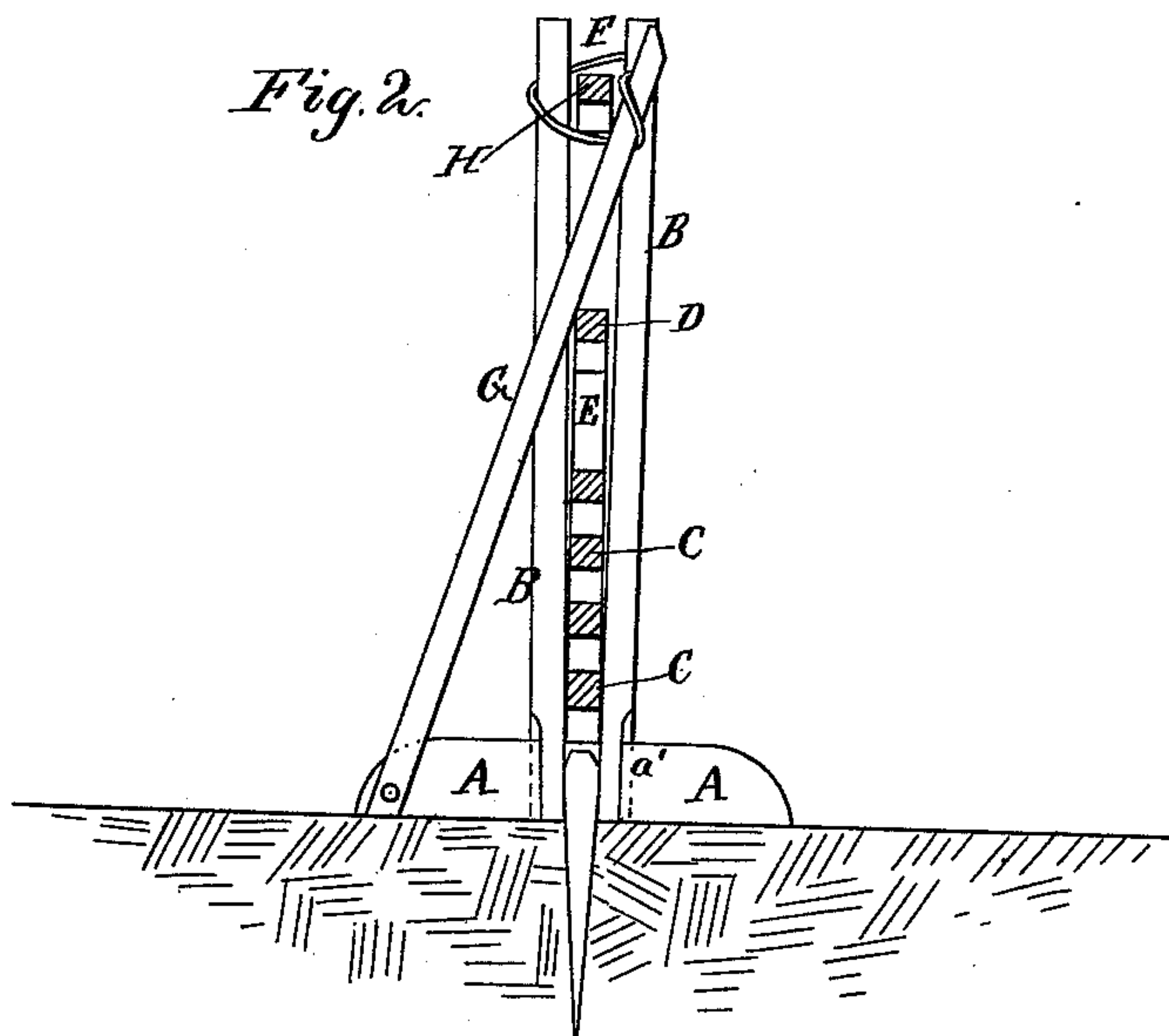
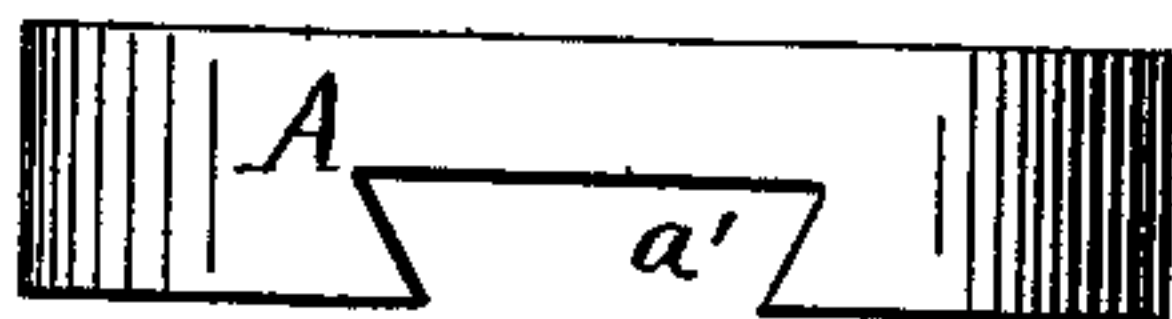


Fig. 3.



WITNESSES:

Henry N. Miller  
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INVENTOR:

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BY

Mumford

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# UNITED STATES PATENT OFFICE.

WILLIAM V. RUSSELL, OF ELWOOD, INDIANA.

## IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. **214,956**, dated April 29, 1879; application filed March 5, 1879.

*To all whom it may concern:*

Be it known that I, WILLIAM V. RUSSELL, of Elwood, in the county of Madison and State of Indiana, 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. Fig. 3 is a detail top view of one of the base-blocks.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved fence, which shall be simple in construction, inexpensive in manufacture, and easily put up, and which at the same time shall be strong and durable.

The invention consists in an improved fence formed of the base-blocks having dovetailed notches formed in one side, the uprights, the rails, the riders, either or both, and one or both sets of wire bands and braces, the said bands being passed diagonally around the said uprights and riders, and twisted tightly around them by the said braces, the lower ends of which are nailed to the said brace-blocks, as hereinafter fully described.

A represents the base-blocks of the fence, in one side of the middle parts of which are formed dovetailed notches *a'*, to receive the lower ends of the uprights or posts B.

C are the rails, boards, or planks that form the panels, the ends of which overlap each other between the posts or uprights B. The lower rails, C, should be of such a size as to wedge the lower ends of the uprights B into the dovetailed notch *a'* of the base-blocks A; or a wedge-shaped pin or stake may be driven into the ground between the lower ends of the uprights B, wedging them into the notches *a'* of the base-blocks A. The latter construction

is particularly advantageous upon inclined ground, as it prevents the fence from slipping or sliding.

D are the lower riders, which are placed upon blocks E, placed between the uprights B, and resting upon the upper rail, C; or the lower riders, D, may be supported and secured in place by wire bands F and short braces G. In this case the wire bands F are passed diagonally around the uprights B and the lower riders, D, and the upper ends of the braces G are passed through them from above and passed beneath the lower riders, D.

The lower ends of the braces G are then brought down, twisting the wire bands F snugly around the uprights B and the lower riders, D, and are secured to the base-blocks A by a single nail, binding the panels firmly together.

The upper riders or top rails, H, are secured and supported by wire bands F and long braces G, in the manner hereinbefore described.

Both bands and braces may be used, or only the top or upper set, as may be desired.

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

An improved fence formed of the base-blocks A, having dovetailed notches *a'* formed in one side, the uprights B, the rails C, the riders D H, either or both, and one or both sets of wire bands F and braces G, the said wire bands F being passed diagonally around the said uprights and riders, and twisted tightly around them by the said braces, the lower ends of which are nailed to the said base-blocks A, substantially as herein shown and described.

WILLIAM VINADGE RUSSELL.

Witnesses:

CHAMBERS HILL,  
WM. CALLAWAY.