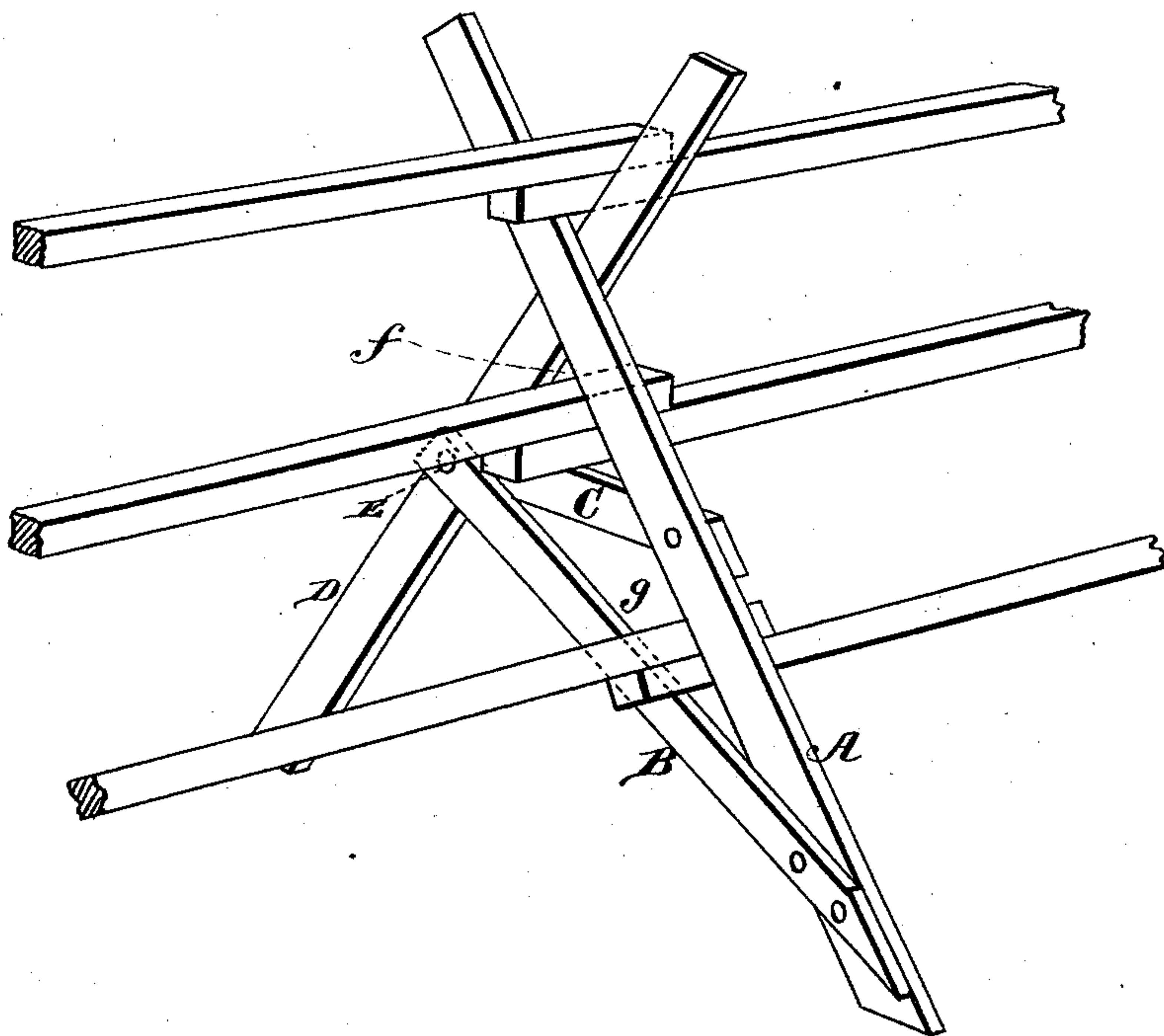


J. F. MARIS.  
Fence.

No. 223,368.

Patented Jan. 6, 1880.



WITNESSES

*Robert Sweet*  
Chas. G. Page

INVENTOR

*John F. Maris*  
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ATTORNEYS

# UNITED STATES PATENT OFFICE.

JOHN F. MARIS, OF CISNE, ILLINOIS.

## FENCE.

SPECIFICATION forming part of Letters Patent No. 223,368, dated January 6, 1880.

Application filed November 8, 1879.

*To all whom it may concern:*

Be it known that I, JOHN F. MARIS, of Cisne, in the county of Wayne and State of Illinois, have invented certain new and useful  
5 Improvements in Fences; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making a part of this  
10 specification, and to the letters and figures of reference marked thereon.

The figure of the drawing is a representation of a perspective of my fence.

This invention relates to an improvement in  
15 the construction of fences, as hereinafter fully described, and particularly pointed out in the claims.

Referring by letter to the accompanying drawing, A designates one of the inclined  
20 posts, to which is bolted or rigidly secured, in any suitable manner, the two bars B C, and D represents the remaining post, to which these bars B C are pivoted by a bolt, E, at a point about intermediate of its ends.

As herein shown, the said two posts and bars constitute the end of each section of the fence and serve to support and maintain the rails in position as follows: The two posts are inclined toward each other and the post  
30 D turned upon its pivot until the posts are crossed near their upper ends. One end of a rail of one section will then be placed in the space between the upper ends of the posts, and an end of a rail from another section will also be placed between the said ends, as shown. The ends of two similar rails will be placed upon the cross-bar C and within the space *f*, while the ends of the two lower rails will be placed within the space *g*, so as to rest  
35 between the inclined brace-bar B and the post A. The weight of the upper rails tends to turn the post D upon its pivot, so that the ends of the posts will separate at the top similarly to a pair of shears, and by such means

the second line of rails will be firmly gripped 45 between the posts and the cross-bar.

Owing to the inclination given to the brace-bar B, the lower rail will be readily wedged between it and the post A, so that this brace-bar, in addition to its function of a brace, also  
50 serves to maintain the lower rail in position, and hence materially aid the upper rail, which is held as set forth, in preventing the fence from sagging endwise. This brace-bar B is firmly bolted to the post A near the lower end 55 of the same, and is connected to the pivoted post D by the pivot-bolt E, so that the said post may be free to turn upon its pivotal bearing, and at the same time connected with the lower part of the post A by a diagonal brace. 60

What I claim, and desire to secure by Letters Patent, is—

1. In a fence, the post A, with the cross-bar B and the brace-bar C rigidly secured thereto, and the post D, pivoted to the said bars B and C, spaces being left between the said parts for  
65 the rails, and the post D being adapted to turn upon its pivot by the weight of the upper rails so as to bind the ends of the next lower line of rails, substantially as set forth. 70

2. In a fence, the post A, pivoted by a cross-bar to the post D, and having an inclined brace-bar, B, rigidly secured thereto, the said inclined brace-bar being extended from a point near the lower end of post A up to the point  
75 upon post D where the cross-bar is pivoted, and being at such point connected to post D by a pivot-bolt, the bar C and post A, together with brace B, constituting an angular inclosing-frame for the lower rails, substantially as  
80 set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN FRANKLIN MARIS.

Witnesses:

W. T. PARDY,  
C. E. WILCOX.