

C. A. THOMAS.  
Portable-Fences.

No. 144,165.

Patented Oct. 28, 1873.

Fig. 1.

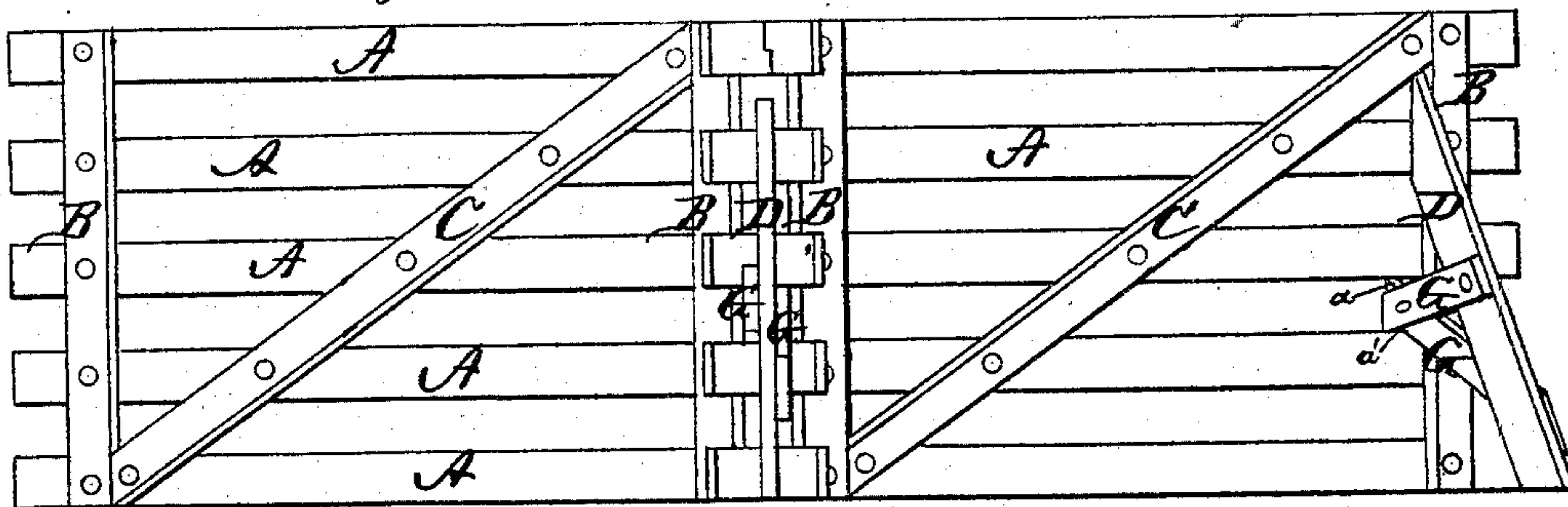


Fig. 2.

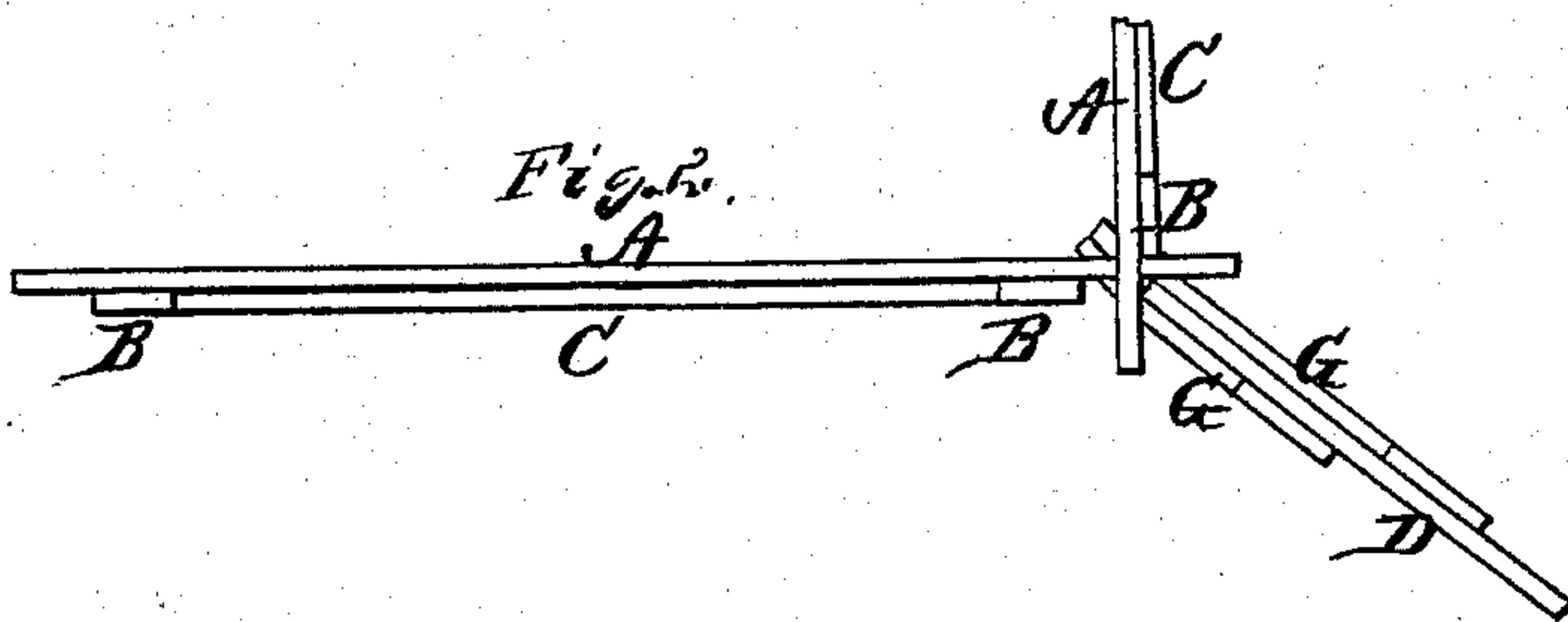


Fig. 3.



Fig. 4.

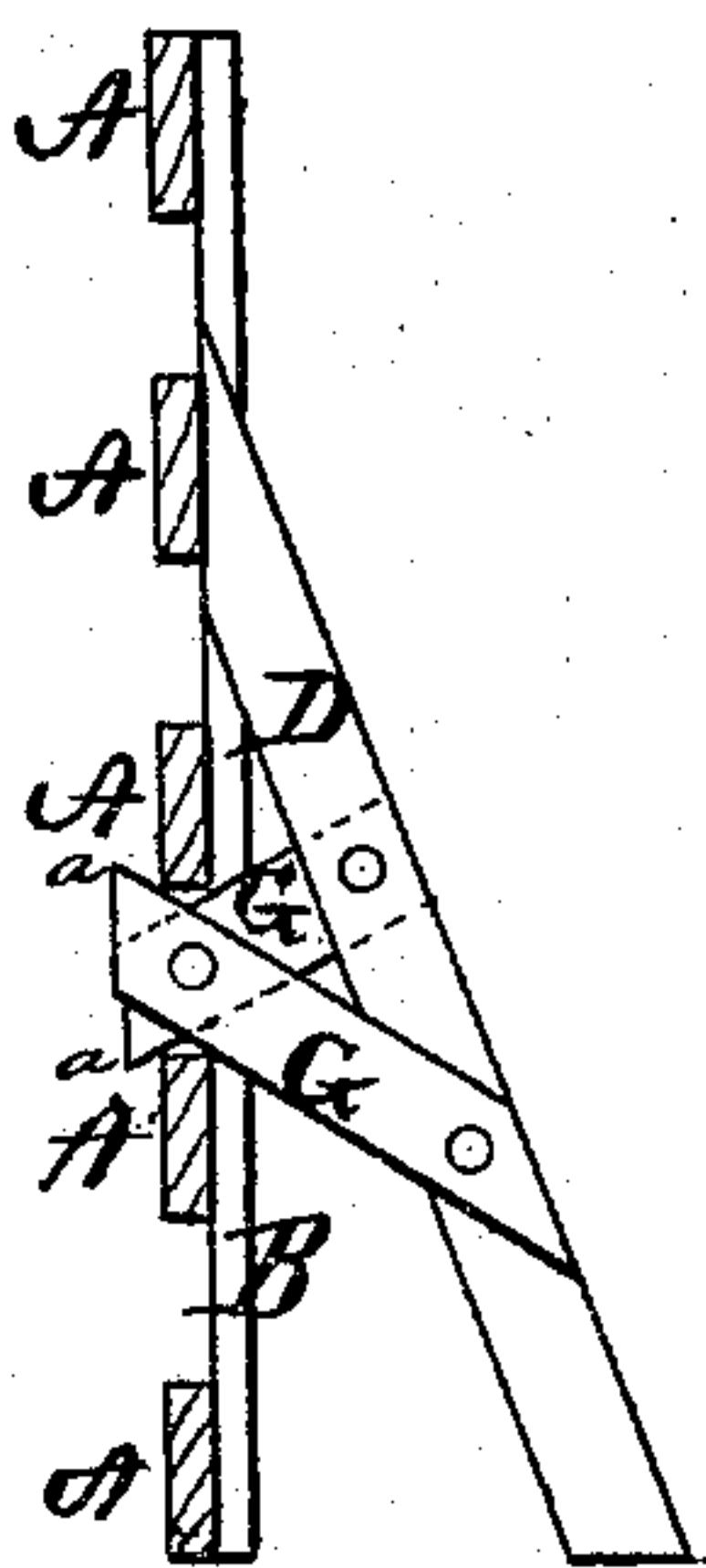
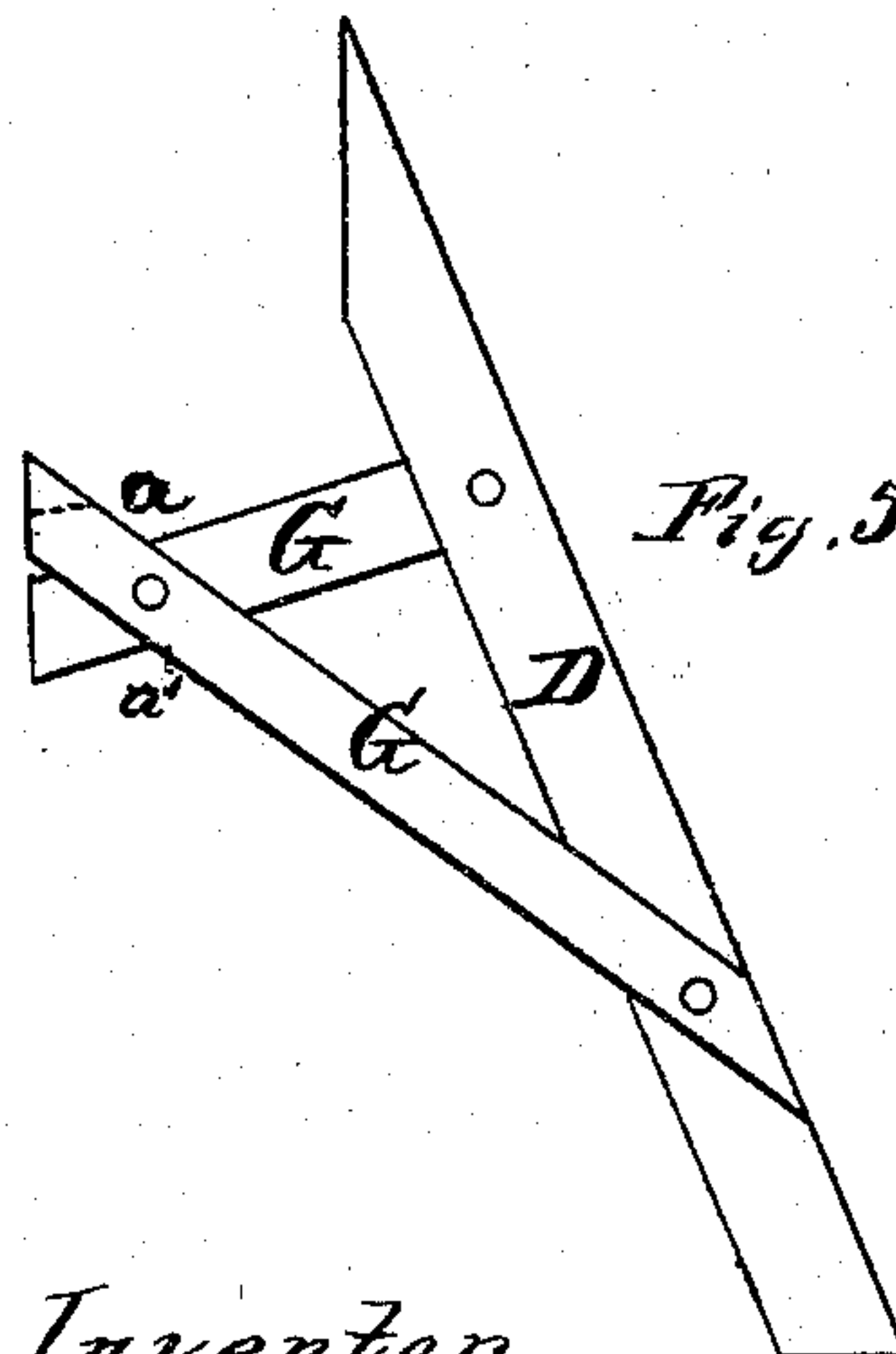


Fig. 5.



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## IMPROVEMENT IN PORTABLE FENCES.

Specification forming part of Letters Patent No. 144,165, dated October 28, 1873; application filed August 16, 1873.

*To all whom it may concern:*

Be it known that I, CLAYTON A. THOMAS, of Bellbuckle, in the county of Bedford and State of Tennessee, have invented a new and valuable Improvement 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 drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of my fence at a corner of the same. Fig. 2 is a plan view of the same. Fig. 3 shows the end of one of the horizontal boards. Fig. 4 is a section of the fence, and Fig. 5 is a side view of one of the braces.

My invention relates to that class of panel fences in which the panels rest on the ground; and it consists in the construction and novel arrangement of the braces with the panels, as will be hereinafter more fully set forth.

Like letters of reference indicate corresponding parts.

The panels of my fence are each composed of a series of horizontal boards, A A, secured to a vertical board, B, near each end, and a diagonal board, C, forming a brace. The braces to hold the fence in position consist of an inclined board, D, with two smaller boards, G G, secured to it, and the outer ends of these boards cross each other near their outer ends, and secured together, as shown fully in Fig. 1. For a straight fence the projecting ends of the horizontal boards A A of the adjoining panels overlap each other, and the crossed parts G G of the brace are inserted between the second

and third horizontal boards, as shown in Fig. 4, while the upper end of the board D rests against one of the upper boards of the panels. One of these braces should be on each side of the fence, making a strong, and at the same time durable, fence, of any height desired. For corners the projecting ends of the horizontal boards of one panel are notched in the upper edges, as shown in Fig. 3, and those of the other panel are notched in the under edges, so as to lock together, and then the brace is inserted on the outside of the corner, as shown in Fig. 2.

The extensions G G, constituting a part of the fence-brace D G G, cross each other at their outer ends, forming the angular notches or depressions *a a'*. The lower one, *a'*, of these notches receives the upper edge of the fourth rail, and the upper one, *a*, receives the under edge of the third rail, so that when these rails are secured to the uprights B B they hold said brace securely in place.

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

The triangular brace consisting of the post D and extensions G G, having the notches or depressions *a a'* for fastening between two adjacent rails of the fence-panel, substantially as and for the purposes specified.

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

CLAYTON ABERNATHY THOMAS.

Witnesses:

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