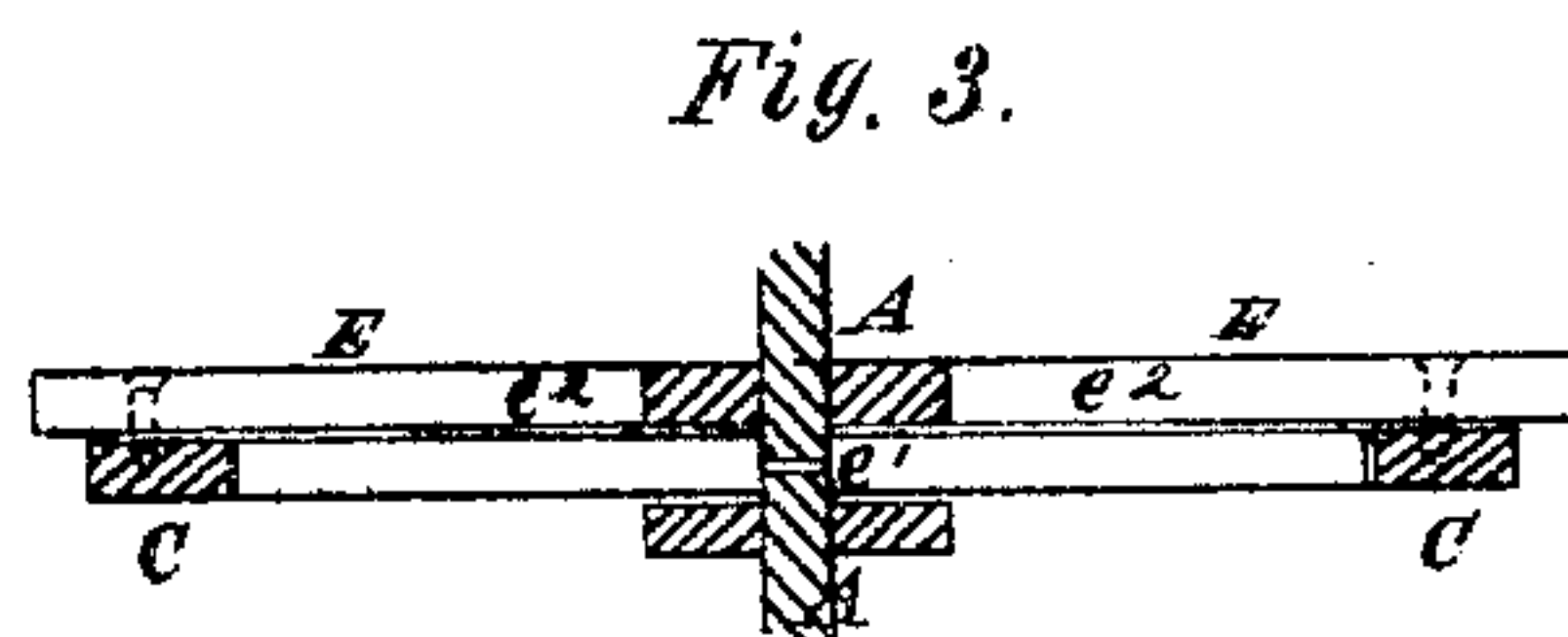
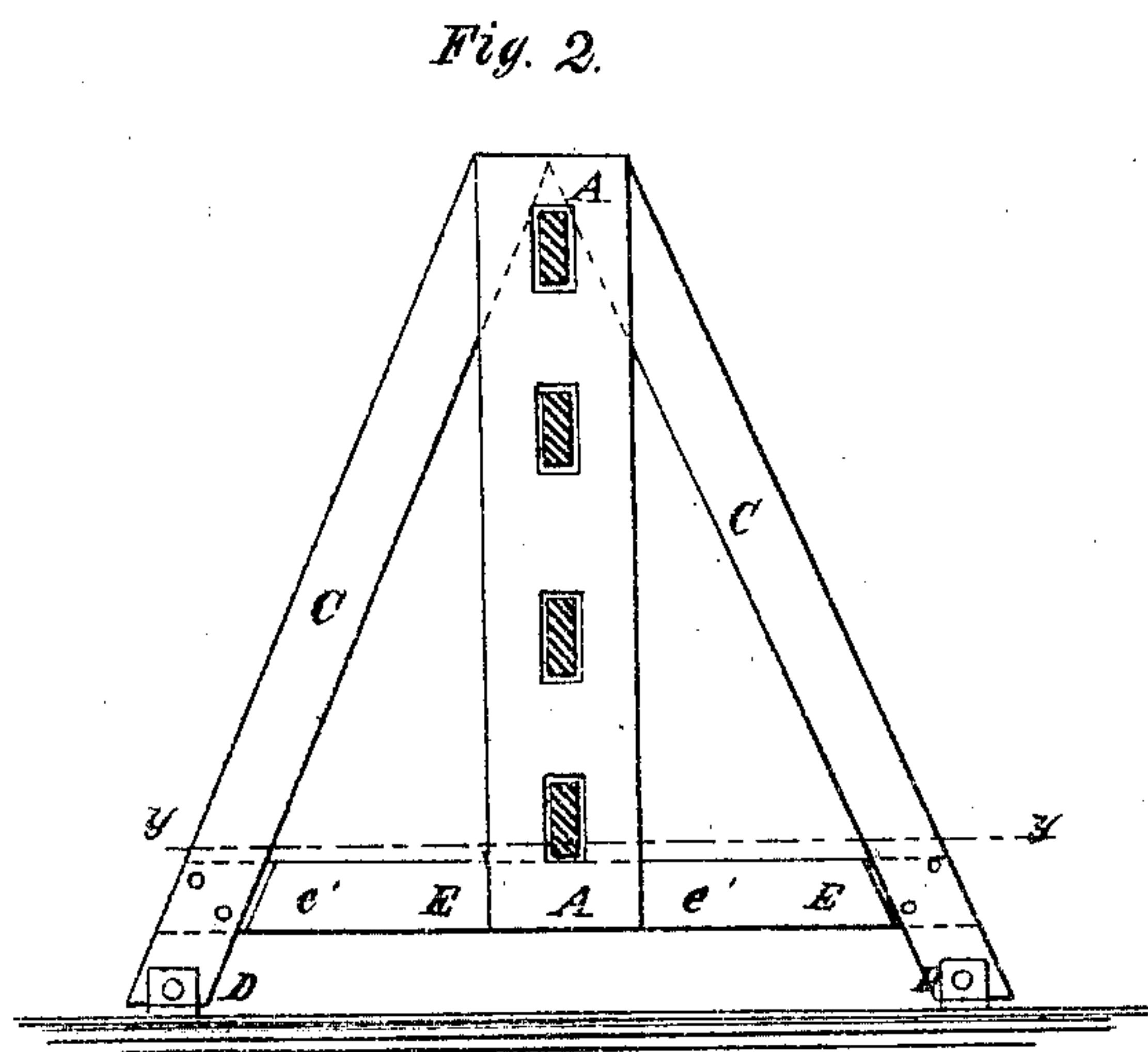
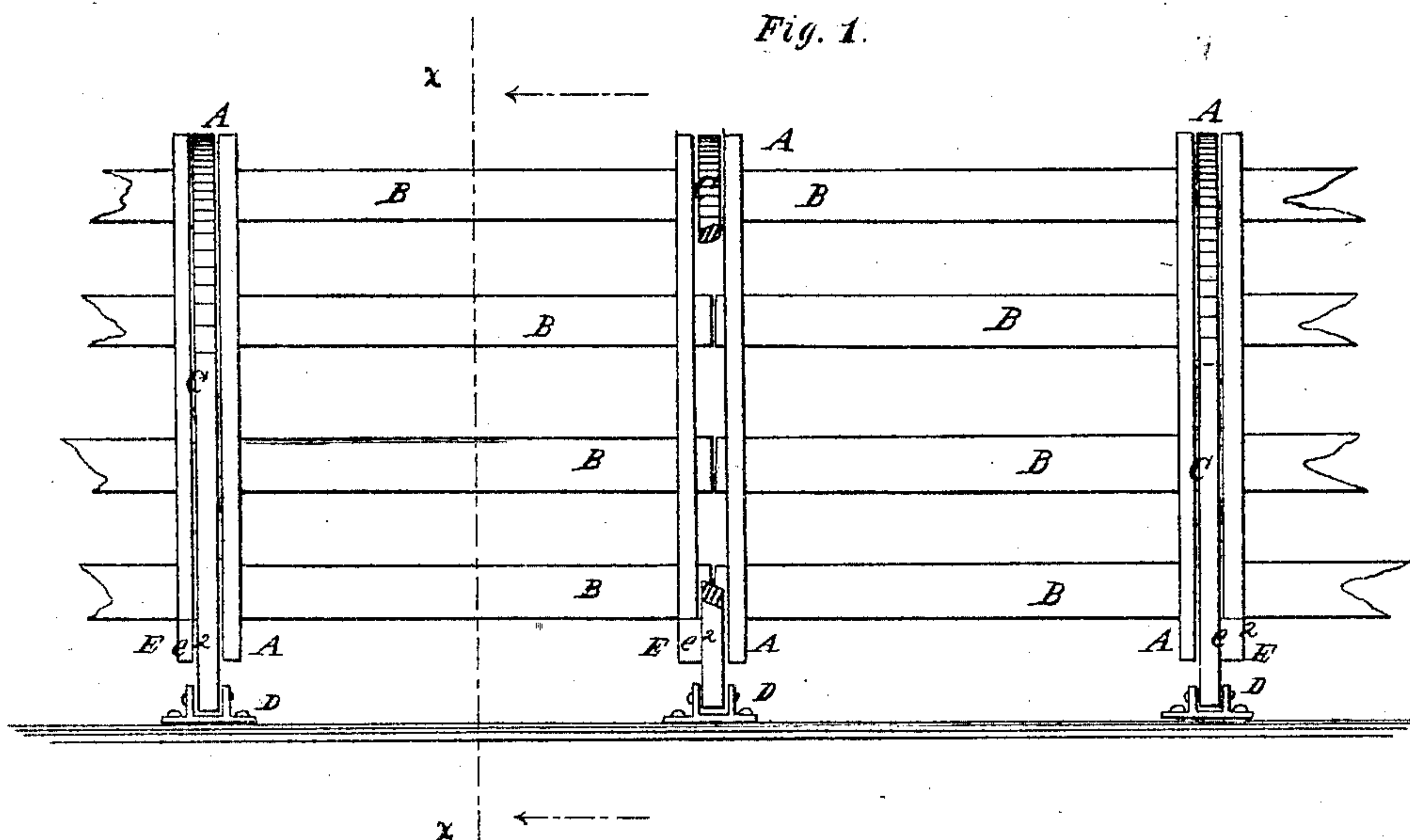


# D. Kaufman. Fence.

N<sup>o</sup> 73611

Patented Jan. 21, 1868



Witnesses.  
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# United States Patent Office.

DANIEL KAUFMAN, OF BOILING SPRINGS, PENNSYLVANIA.

*Letters Patent No. 73,611, dated January 21, 1868.*

## IMPROVEMENT IN FENCE.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, DANIEL KAUFMAN, of Boiling Springs, in the county of Cumberland, and State of Pennsylvania, have invented a new and useful Improvement in Fences; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of my improved fence, part of one of the braces being broken away.

Figure 2 is a vertical cross-section of the same, taken through the line *x x*, fig. 1.

Figure 3 is a detail horizontal section of the same, taken through the line *y y*, fig. 2.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved fence, simple in construction, light, strong, and durable, and one which can be easily and quickly put together; and it consists in the inclined and cross-braces, in combination with the double-mortised posts, and with the rails, the whole being constructed and arranged as hereinafter more fully described and set forth.

A are the posts, which are made double, as shown in figs. 1 and 3, a space being left between the two parts, in which the ends of the rails B meet. Each part of a post is mortised for the reception of the rails B of the panel, adjacent to that part. By this arrangement the mortises may be made narrow, each mortise having only to receive the end of one rail, the ends of the rails of two adjacent panels meeting in the space between the parts of the double post, so that a rail can only get out of place by pushing the rails through the entire length of the fence lengthwise. C are the inclined supporting braces, the upper ends of which enter between the upper ends of the parts of the posts A, the upper ends of said posts and braces being securely nailed together. The lower ends of the braces C rest in the metallic shoes D, by which they are prevented from coming in contact with the ground, and are thus prevented from decay. The lower parts of the inclined braces C are held in their proper relative positions, and connected with the lower ends of the double posts A by the horizontal or cross-braces E, which are made in several parts, securely nailed to each other and to the posts A and braces C. The part or piece *e*<sup>1</sup> extends from the inner edge of one brace to the inner edge of the other brace, upon the opposite side of the panel, passing through the space between the lower ends of the double post A, and to which the said lower ends of the said double post are securely nailed. The parts *e*<sup>2</sup> have their inner ends resting against the edges of the lower ends of the double posts A, and their outer ends are securely nailed to the sides of the braces C, as shown in fig. 3. The parts or pieces *e*<sup>2</sup> may be placed upon one or both sides of the parts or pieces *e*<sup>1</sup>, according to the required strength of the fence.

By this construction, all the fence-maker has to do in putting up the fence is to bore the holes or mortises in the posts A, cut the braces of the required length, and nail the braces and posts together, so that the fence is very easily and rapidly constructed, and, when constructed, is very strong and secure, the horizontal or cross-braces effectually preventing the posts from splitting.

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

1. The fence-posts A, when supported above the ground by means of the metallic shoes D, pivoted to the lower ends of the inclined braces C, as herein described, for the purpose specified.

2. The posts A, formed of two parts, slotted for the reception of the rails B, the ends of the rails of one panel fitting against the ends of the rails of the opposite panel, in the centre of said posts, in combination with the braces C, horizontal pieces *e*<sup>1</sup> *e*<sup>2</sup>, and metallic supporting-shoes D, as herein described, for the purpose specified.

The above specification of my invention signed by me, this 23d day of September, 1867.

DANIEL KAUFMAN.

Witnesses:

H. MOWER,

JOSEPH H. WEIBLEY.