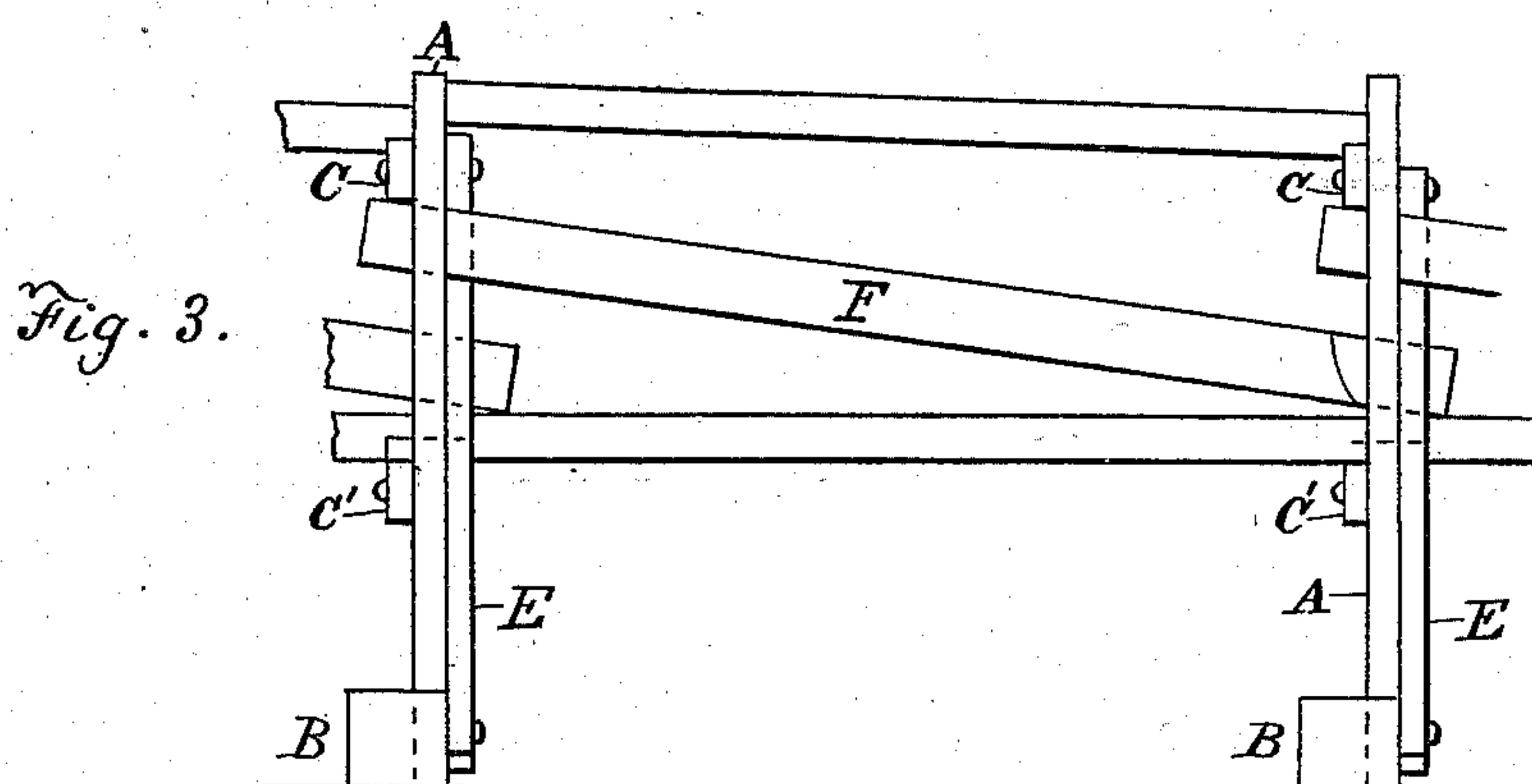
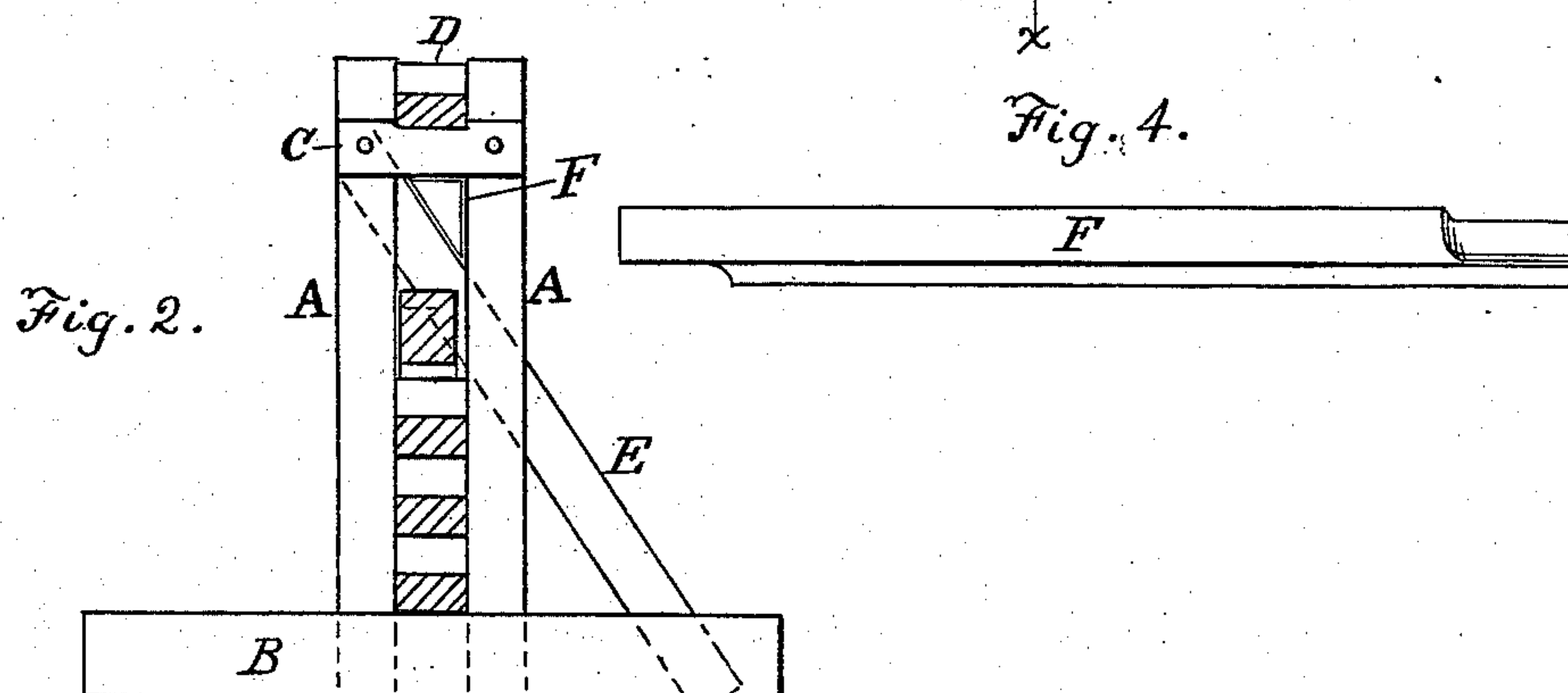
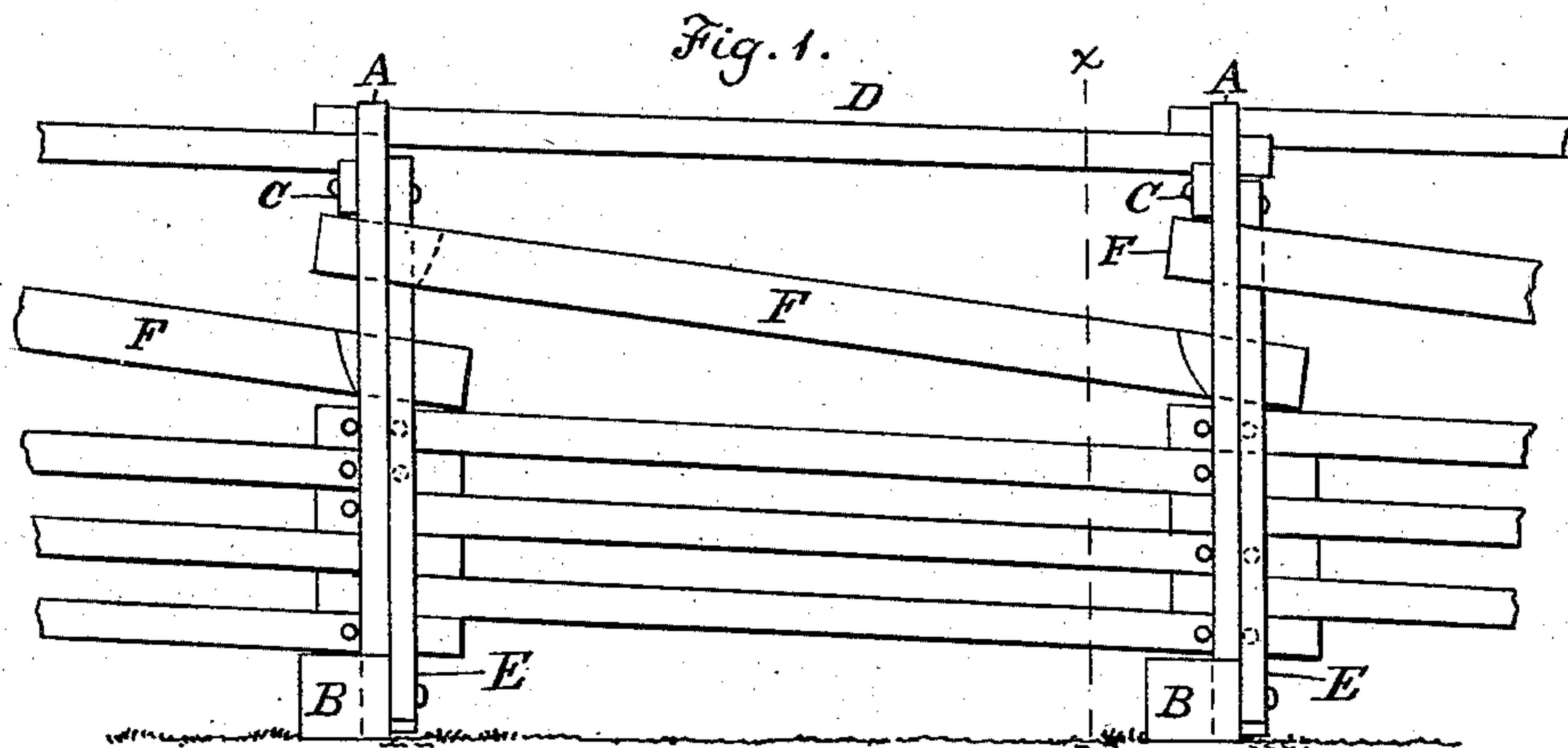


(No Model.)

N. SMITH.
Portable Farm and Stock Fence.

No. 238,171.

Patented Feb. 22, 1881.



Witnesses:

H. A. Daniels.
Wm. A. Finckel.

Inventor:..

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UNITED STATES PATENT OFFICE.

NOAH SMITH, OF QUINCY, INDIANA.

PORTABLE FARM AND STOCK FENCE.

SPECIFICATION forming part of Letters Patent No. 238,171, dated February 22, 1881.

Application filed April 7, 1880. (No model.)

To all whom it may concern:

Be it known that I, NOAH SMITH, a citizen of the United States, residing at Quincy, in the county of Owen and State of Indiana, have invented certain new and useful Improvements in Portable Farm and Stock Fences; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to that class of farm-fences which have the rails secured between two lines of upright posts attached to base-pieces and held in position by inclined brace-rails and braces; and it consists of the inclined brace-rails having their ends cut or beveled to a triangular shape in opposite directions, in combination with the upright posts attached to the base-pieces in a line opposite each other, so that by means of braces arranged on one side of the posts or fence only, and cross-cleats at and over the upper ends of the said inclined brace-rails, and the rails upon which their lower ends rest, the said inclined brace-rails can be locked or clamped with the posts to secure a firm and steady fence, the parts having a direct bearing upon all the sides of the triangular-shaped ends of the brace-rails, thus effecting a simple construction of fence with a less number of parts, as will be hereinafter more fully explained.

In the accompanying drawings, Figure 1 is a side view of my improved fence. Fig. 2 is a section on line *xx*, Fig. 1. Fig. 3 shows a modification in construction. Fig. 4 is a detached view of a rail having portions beveled.

A designates the upright posts, secured to the base-pieces B, and connected above by the

cross pieces or cleats C, which support the top rails, D. The inclined braces E are secured at their lower ends to the base-pieces B, and are fastened at their upper parts to the posts A, as shown.

F indicates a rail having one side cut away or beveled at each end of the rail, so that each end has a somewhat triangular section. In each section of the fence is placed a rail, F, in an inclined position, each end of the rail extending between two of the posts A, the upper end passing under a cross-piece, C, and an inclined brace, E, below bearing against the beveled surface. The other end of rail F usually rests on a lower rail, and extends under an inclined brace, E. Thus each end of the inclined rail, being of triangular section, is firmly secured between three pieces, (see Fig. 2,) and the line of inclined rails dispenses with the use of many horizontal rails in the construction of a fence.

In Fig. 3 is shown my device as constructed for inclosures for horses and large cattle, a number of lower rails being dispensed with. In such construction an additional piece, C', is fastened across each set of upright posts A to support the lowest rail.

I claim—

The inclined brace-rails F, having their ends cut or beveled to a triangular shape in opposite directions, in combination with the posts A A, attached to base-pieces B, in a line opposite each other, cross-cleats C, braces E, and the rails upon which the lower ends of the brace-rails rest, in the manner and for the purposes as shown and set forth.

In testimony whereof I have affixed my signature in presence of two witnesses.

NOAH SMITH.

Witnesses:

DAVID GRAY,
SAMULE STEELE.