

T. W. Owens,

Wood Fence.

No. 107,025.

Patented Sep. 6. 1870.

Fig. 1.

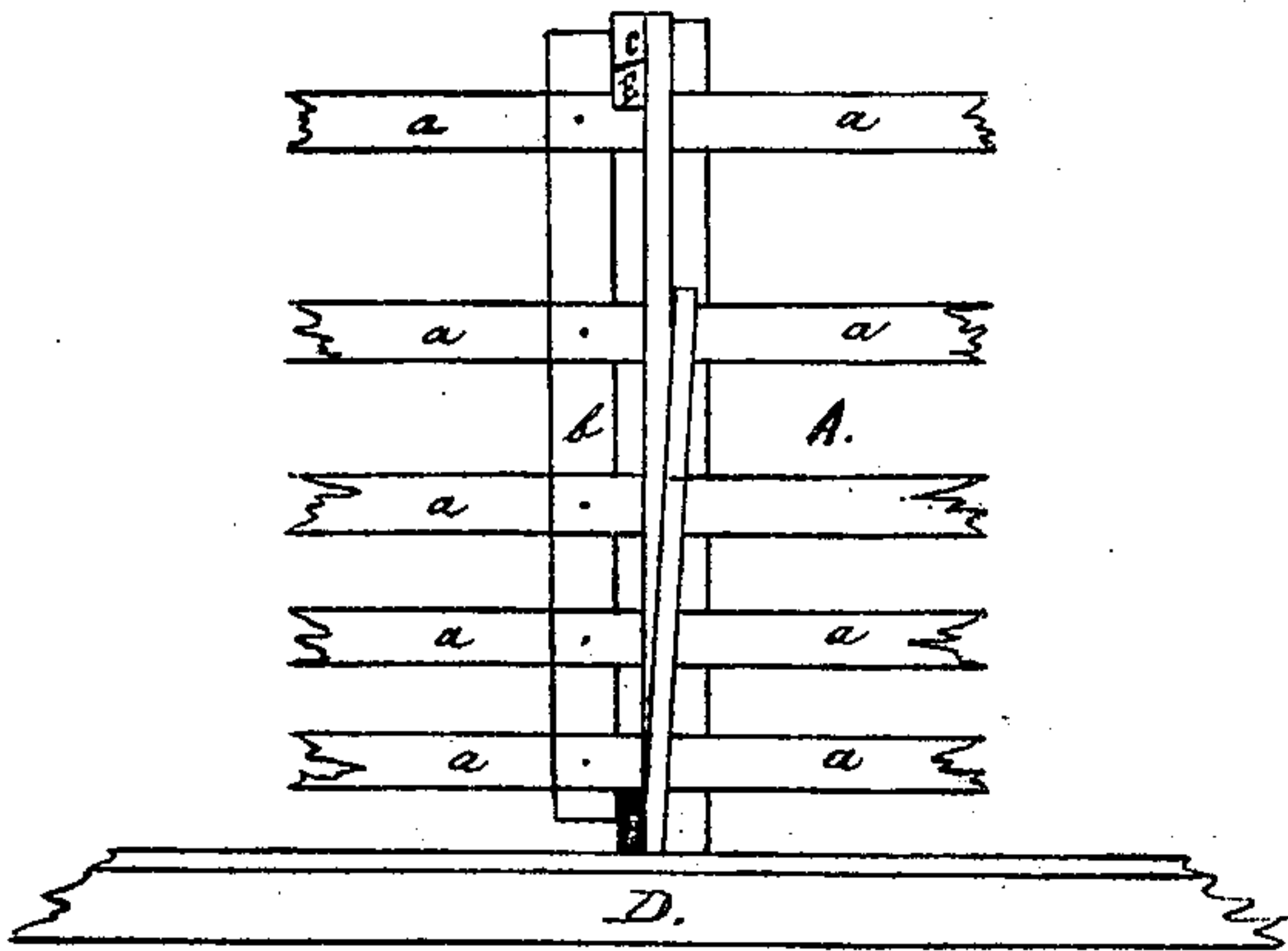


Fig. 2.

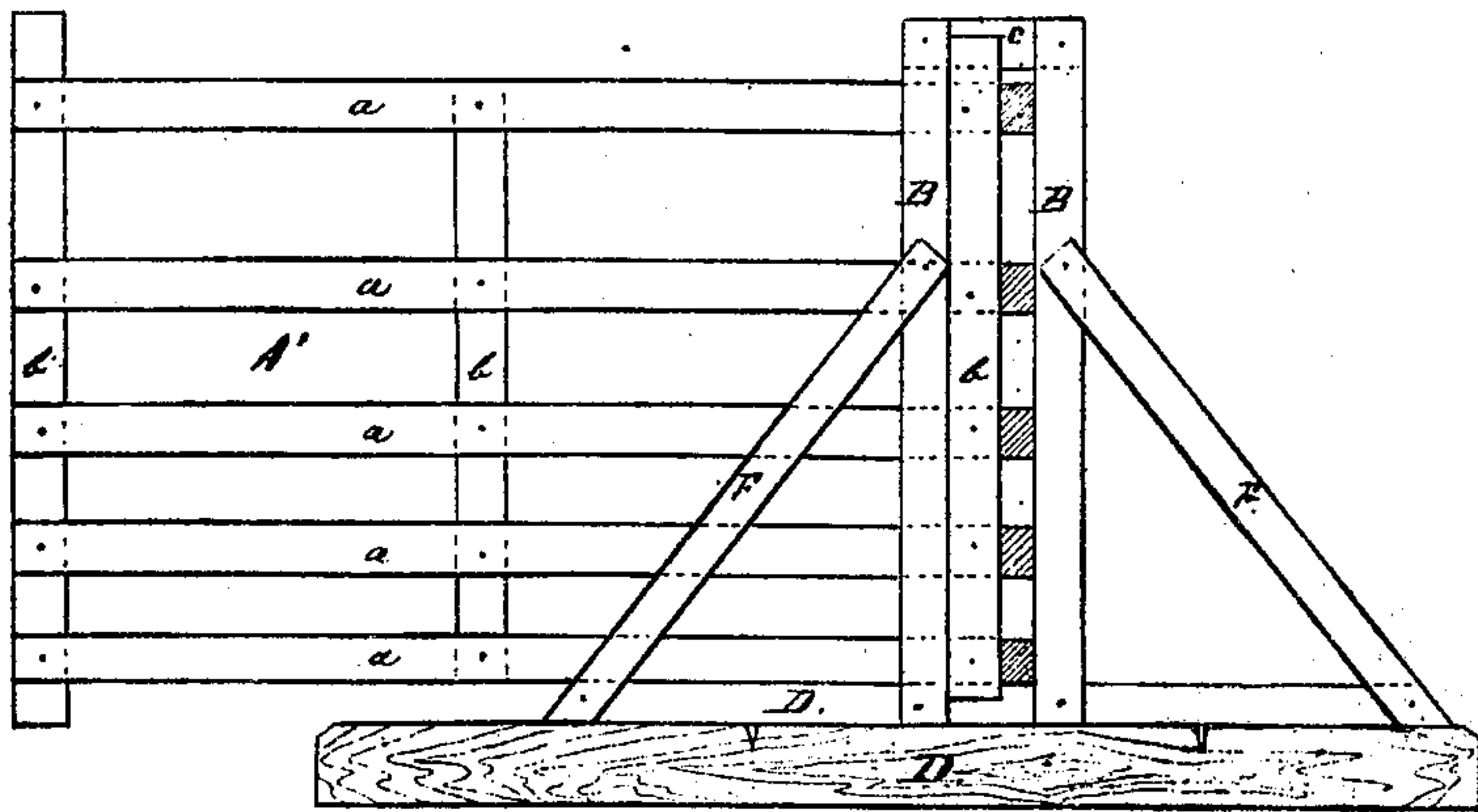
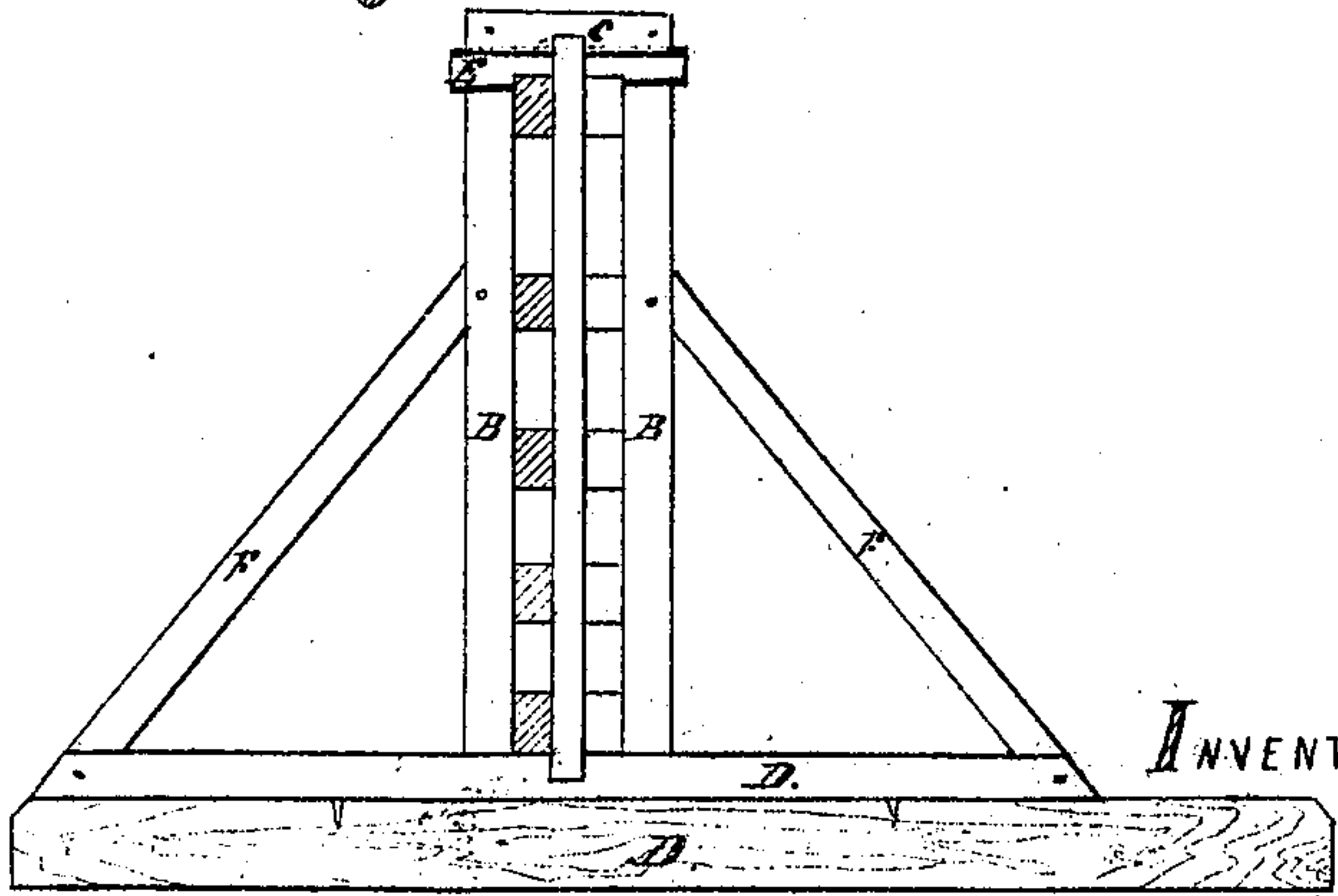


Fig. 3.



WITNESSES

R. O. Lummley
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INVENTOR

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United States Patent Office.

THOMAS W. OWENS, OF GRANVILLE, OHIO.

Letters Patent No. 107,095, dated September 6, 1870.

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, THOMAS W. OWENS, of Granville, Licking county, in the State of Ohio, have invented a new and useful Improvement in Fences, of which the following is a full, clear, and exact description, reference being made to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a perspective view;

Figure 2 is a sectional view, showing the manner in which one of the sections of the fence is turned at the corner of the same; and

Figure 3, a cross-section of fig. 1.

The nature of my invention relates to the manner of securing the sections of the fence together, and consists in the combination and arrangement of parts, as hereinafter more fully described.

General Description.

A are the sections of the fence, made of boards or rails *a*, and fastened together by the upright pieces *b*, three being a sufficient number for each section, one at each end, and the other near the center.

These sections A are connected to each other by the upright pieces B B, first by passing the upright pieces *b* at the end of the sections by each other, far enough to allow the cross-piece *c*, which connects the top of the two upright pieces B B together, to pass between them.

The bottom boards or rails of the sections A rest on the cross-piece D, which connects the upright pieces B B at their lower ends.

The upright pieces *b* at the end of the sections A extend down far enough on each side of the cross-piece D, and up on each side of the cross-piece *c*, to prevent any longitudinal movement of the sections A.

Now, to more securely fasten the sections, I employ wedges E, which are inserted between the upright pieces *b*, the cross-piece *c*, and the top board or rail

of each section, which are notched or cut out on their upper side. The cross-pieces *c* are dovetailed on their lower sides with a corresponding dovetail on the upper side of the wedges, which are then driven in the notches of the boards or rails, and the dovetail on the lower end of the cross-pieces *c*, as clearly shown in the drawing.

Additional support is given to the fence by the braces F, which are connected to the end of the cross-piece D, and about midway of the uprights B, as shown in the drawing.

Another feature of my invention is the manner in which I arrange the section A', when the same is turned at right angles with the section A, to form the corner of the fence.

This is accomplished by having the uprights B far enough apart to allow the upright *b'* of the section A' to turn in the space between the upright B and the end of the section A, and, when the section A' is turned at right angles, it rests on the cross-piece D.

The section A' also answers for a gate, as it can be turned at right angles with the section A, as above described. This is considered an important feature of my invention, as no hinges are needed, and the only fastening required is a device at the opposite end of the section A', from which it turns to fasten in the next section of the fence when closed.

Having fully described my invention,

What I desire to secure by Letters Patent is—

The sections A, connected together by the upright pieces B B, cross-pieces D C, and wedge E, all constructed and arranged as herein described, for the purpose specified.

THOS. W. OWENS.

Witnesses:

JOHN A. SINNET,
R. C. JEWETT.