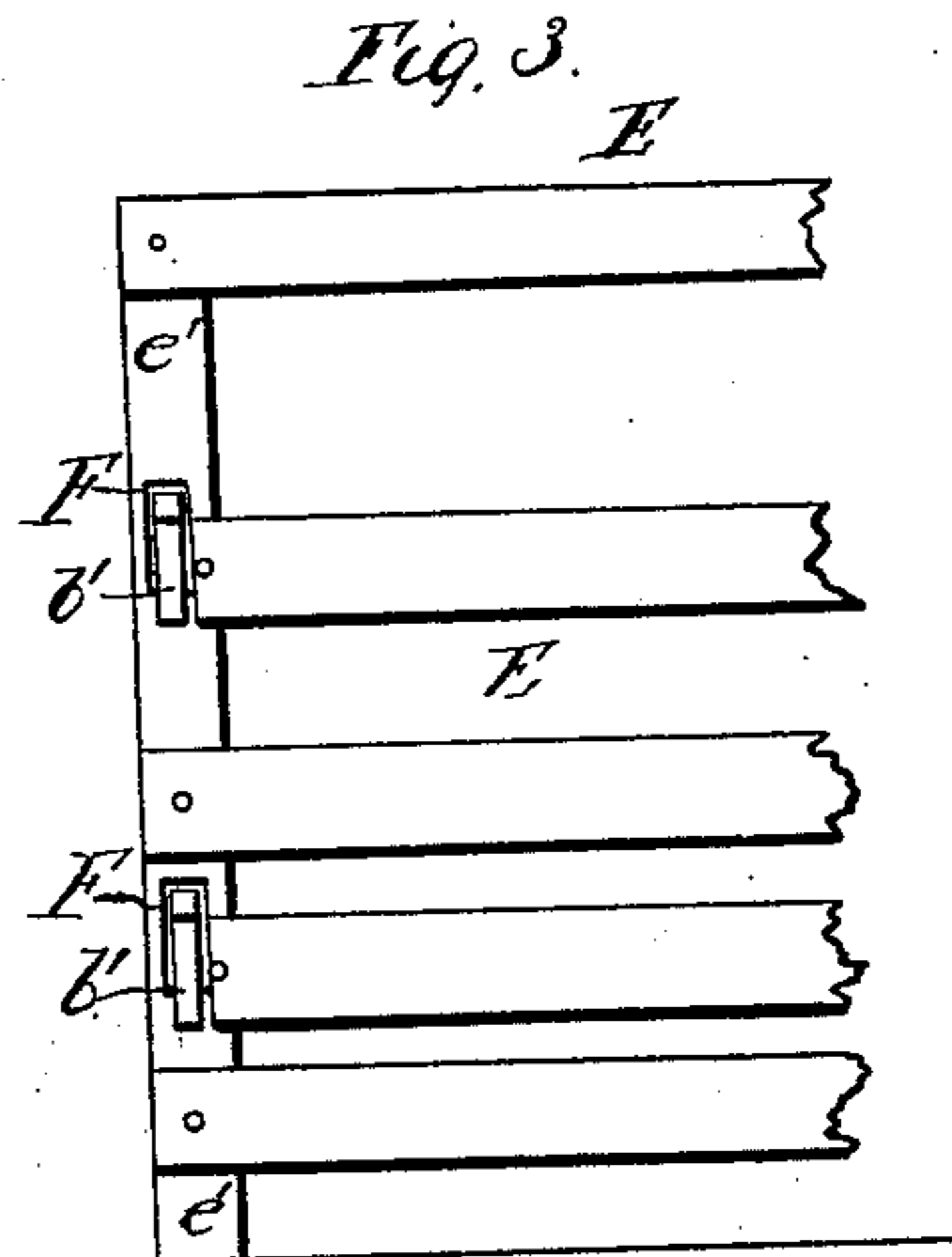
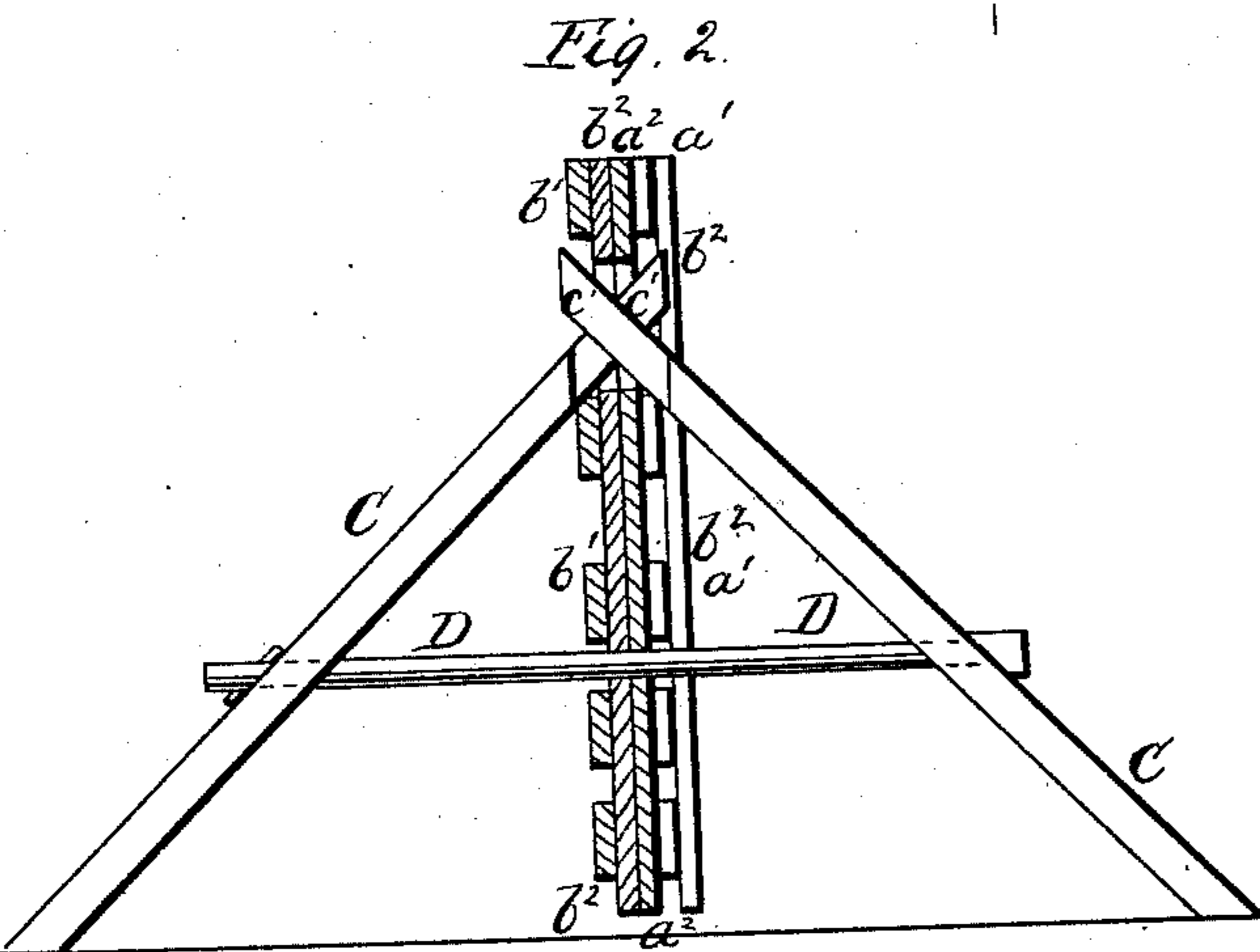
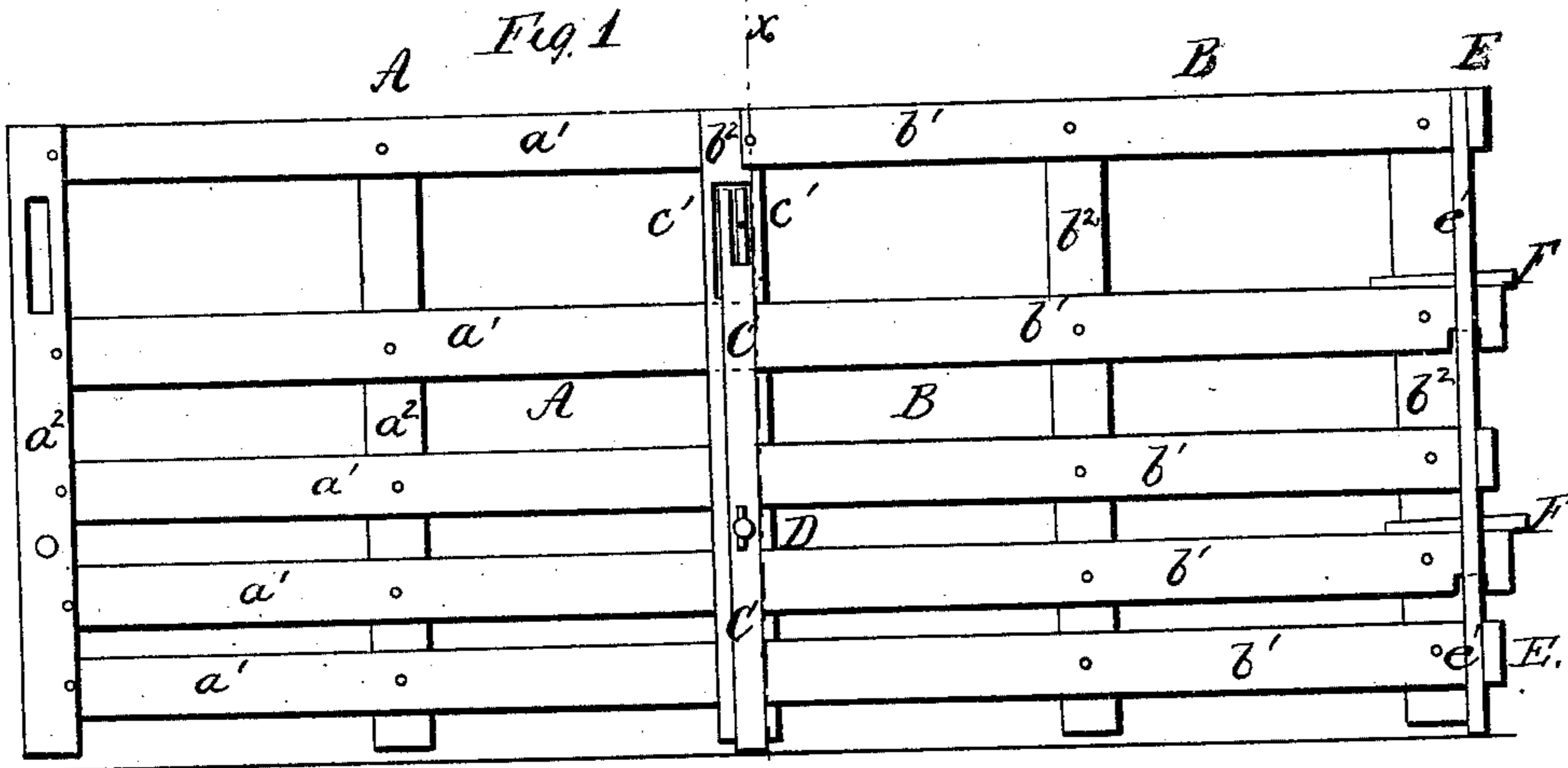


S. Crocker
Portable Fence,

Patented Sep. 11, 1866.

No. 54,872 -



Witnesses;

F. A. Jackson
Wm. Brown

Inventor;
S. Crocker

Per [Signature]
Attorney

UNITED STATES PATENT OFFICE.

SAMUEL CROCKER, OF OAKLAND, (FREDONIA P. O.,) IOWA.

IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. 57,872, dated September 11, 1866.

To all whom it may concern:

Be it known that I, SAMUEL CROCKER, of Oakland, in the county of Louisa and State of Iowa, 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 others 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 a portion of my improved fence, and showing the manner in which the panels are secured to each other at the corner. Fig. 2 is a vertical cross-section of the same, taken through the line *xx*, Fig. 1. Fig. 3 is a side view of a portion of my improved fence, showing the manner in which the panels are secured to each other at the corner.

Similar letters of reference indicate like parts.

My invention has for its object to furnish an improved fence, strong, simple in construction, and easily put up and taken down; and it consists, first, in the combination and arrangement of the stakes or braces and binding-bar with the adjacent ends of the linear panels; and, second, in connecting the adjacent ends of the panels at the corner with each other by passing the notched projecting ends of the horizontal bars of the one panel through mortises formed in the end upright of the other panel, and securing them in place with keys or wedges, as hereinafter more fully described.

A and B are adjacent linear panels of my improved fence. These panels I generally make twelve feet long and four and a half feet high, having five horizontal bars or boards, *a'* and *b'*, and three upright bars, *a²* and *b²*. These uprights are placed one at each end of the panels and one at the middle, as shown in Fig. 1. The lower ends of the uprights *a²* and *b²* should project about two inches below the lower edge of the bottom boards, to rest upon the ground and support the fence.

The end uprights, *a²* and *b²*, should project beyond the ends of the horizontal boards *a'* and *b'*, so as to overlap each other, as shown in Figs. 1 and 2, and they should have long mortises made a little below their upper ends, which, when the said uprights overlap each other, should exactly correspond; and they

should have holes made through them for the reception of the binding-bar.

C are the braces or stakes, which are made with side tenons, *c'*, at their upper ends, which enter the said mortises in the upper parts of the end uprights, *a²* and *b²*, and cross each other therein, as shown in Figs. 1 and 2.

The lower ends of the stakes C rest upon the ground, and they are bound or keyed to each other and to the overlapped panels by the binding-bar D, which passes horizontally through the said stakes and panels, as shown in Fig. 2.

The bars D are made with a head on one end, and have a hole made in their other ends, through which is passed a key to secure them in place, as shown in Fig. 2.

This construction binds the fence together, making it firm and secure, and not liable to be overturned by the wind or animals.

At the end of one of the corner panels the second and fourth horizontal boards project beyond the upright *b²*, and are made hooked by having a notch cut in their lower edges, as shown in Fig. 1. These hooked projecting ends of the boards *b²* are then passed through mortises formed in the end upright, *e'*, of the other corner panel E, as shown in Fig. 1, so that the lower end of said mortises may rest in said notches, where they are secured in place by the wedges or keys F, which are driven between the projecting ends of the said boards *b²* and the upper end of the mortises, as shown in Fig. 1.

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

1. The combination and arrangement of the stakes or braces C and binding-bar D with the overlapped ends of the adjacent panels A and B, substantially as herein described, and for the purpose set forth.

2. Securing the ends of the adjacent panels B and E, at the corner or angle of the fence, to each other by combining the projecting ends of the boards *b'* of the panel B, the end uprights, *e'*, of the panel E, and the keys or wedges F with each other, substantially as herein described, and for the purpose set forth.

SAMUEL CROCKER.

Witnesses:

LEANDER MCKEE,
W. H. CROCKER.