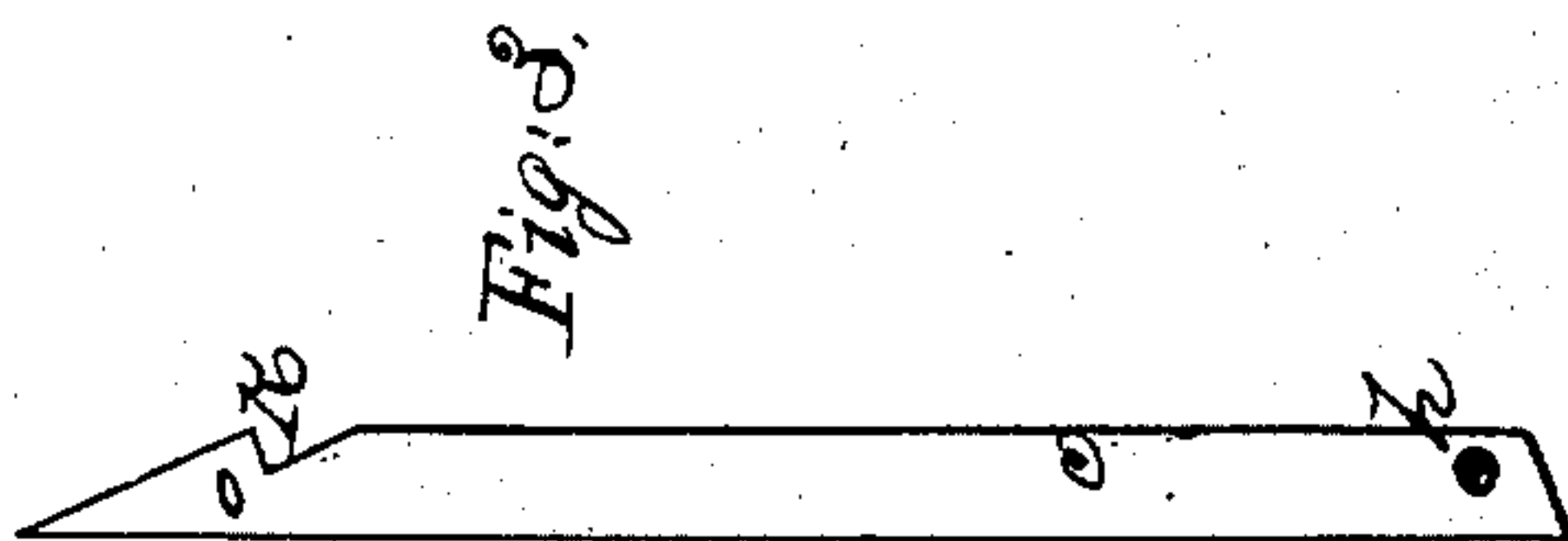
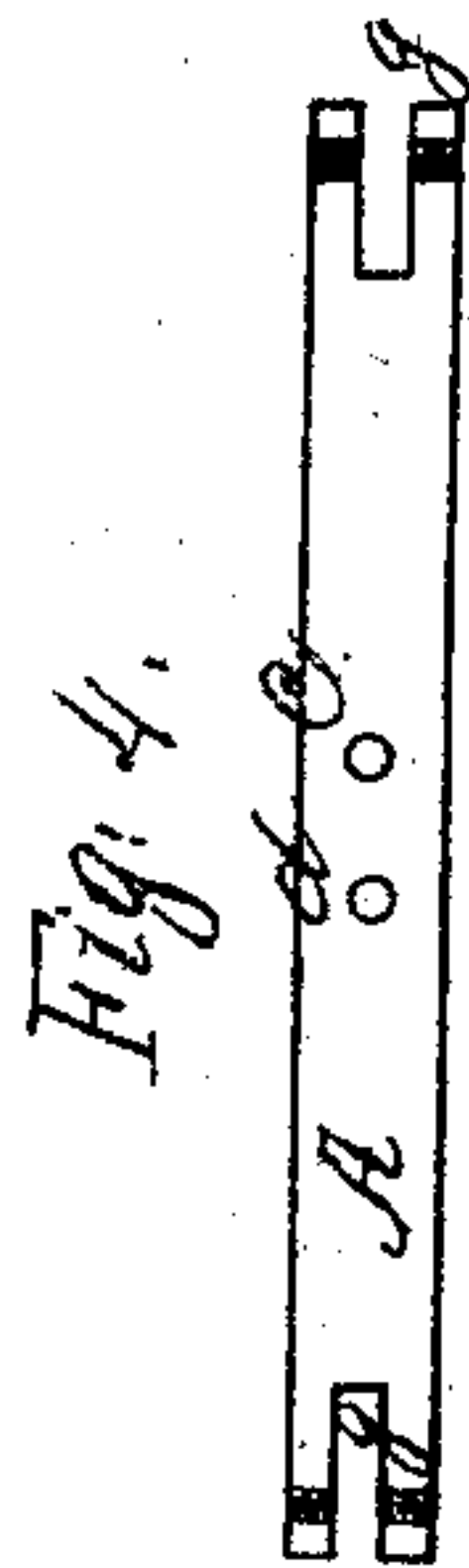
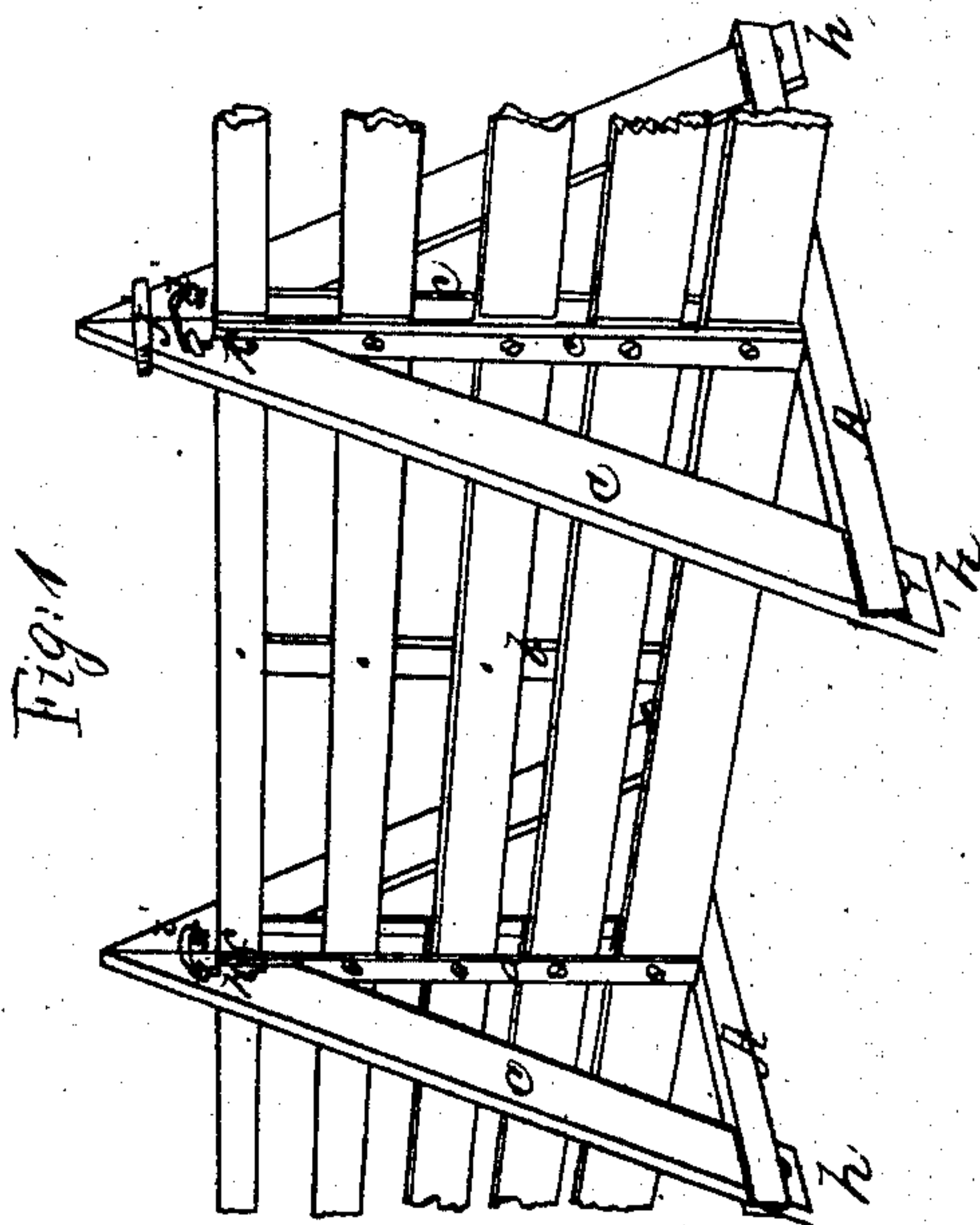
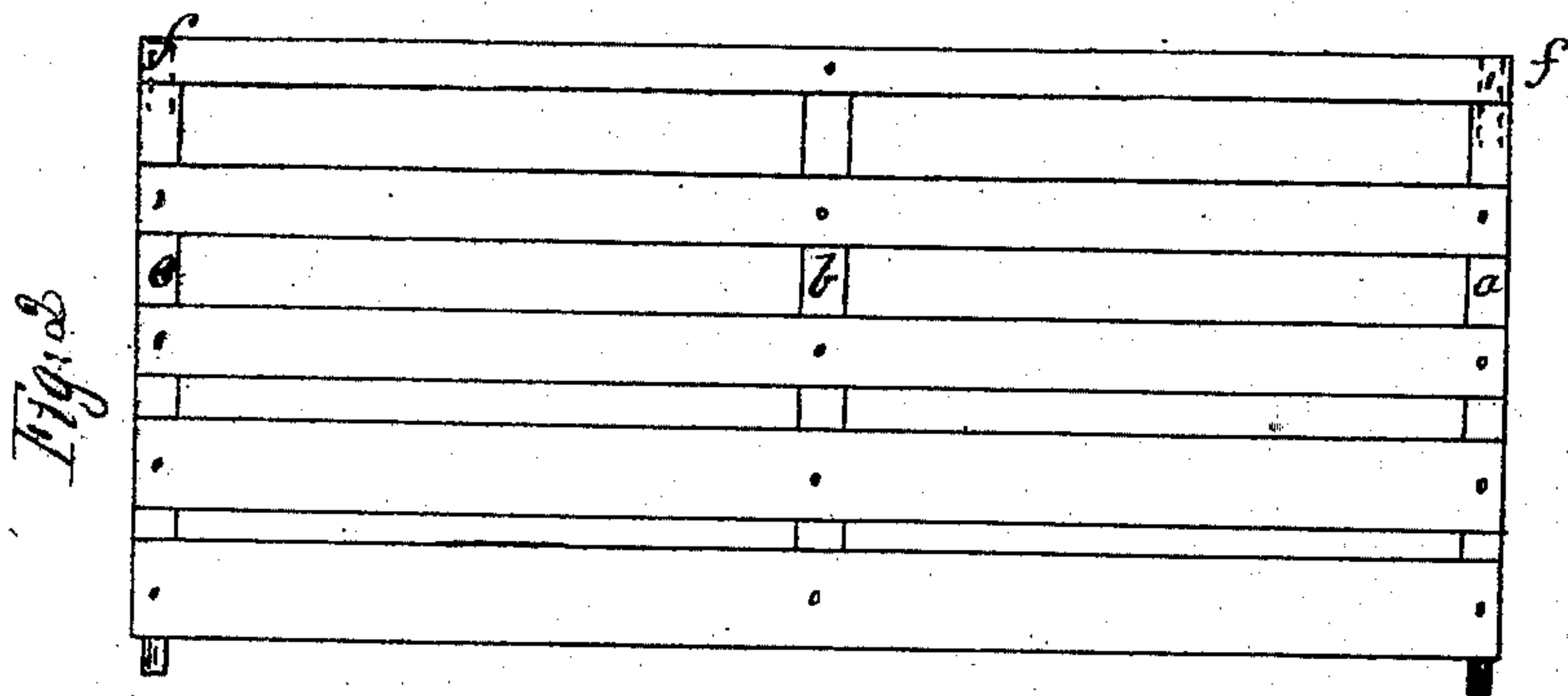


I. Lackey.

Fence.

N^o 71888

Patented Dec. 10, 1867.



W. H. P. R.
J. B. Brock

I. Lackey
by his atty
W. H. P. R.

United States Patent Office.

IRA LACKEY, OF LEBANON, OHIO.

Letters Patent No. 71,888, dated December 10, 1867.

IMPROVEMENT IN FENCES.

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, IRA LACKEY, of Lebanon, in Warren county, in the State of Ohio, have invented certain new and useful Improvements in Fences; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 represents a portion of my portable fence, showing the structure in perspective.

Figure 2 represents one panel of the same detached.

Figure 3 is one of the diagonal braces, and

Figure 4 is one of the sills.

The panels are made of boards, secured by pins, screws, or nails to three uprights or posts, *a b c*. The feet of the posts *a c* are made to extend below the bottom board of the panel, and are made cylindrical, to fit in the holes *d e* of the sills *A*. In setting up the fence, the backs of the panels are brought together, overlapping at their ends, where they are secured by means of the diagonal braces *B*, as represented in the drawings. The upper ends of the posts *a c* are grooved, as indicated by dotted lines in fig. 2, at *f*. Slots, *g g*, are made in the ends of the sills *A*, in which the bottom portion of the diagonals *C* will snugly fit. Pins, *h*, through these diagonals, *C*, will, (when the fence is put together,) be brought under the slotted ends of the sills *A*. Hooks, *i*, or loops, *j*, may be employed to lock the diagonal braces at their tops. It is obvious that the lower or bottom portions of the diagonals *C* may be made of different lengths, and as they support the entire structure, the fence may be so constructed as to be used on hill-sides or inclined ground. The notches *k* in the braces *C* are formed to correspond with the height of the posts *a c*, and so as to fit into the grooves *f* on the sides of the posts, near their tops, for the purpose of strengthening the structure and locking the panels together.

My improved fence may be moved from place to place with the greatest ease and dispatch, there being but the single fastening, consisting of a hook or loop, for each panel; and the parts are simple, plain pieces, which will fit snugly and compactly together for transportation.

At the lower ends the posts *a c* are rounded, and fit loosely in the holes *d e* of the sills, any panel in the line of fence may be readily converted into a gate, by simply loosening the hook or loop at the top of the diagonal braces *C C*, which will permit the panel to be swung around upon one of its end posts. And in the same manner a corner may be made in the fence, wherever necessary, at the corners of a field.

The sills will be first placed upon the ground, at proper distances apart, when the panels will be set upon them, with their projecting cylindrical feet in the holes *d e* of the sills. The posts will be always on the outside, while the boards at the ends of the panels will be brought together, to form the joint between the panels; and this arrangement brings the grooves *f f* (near the tops of the posts *a c*) on the outside of the fence, and in proper position for the notched edges of the braces *C* to fit into them. These braces, *C*, are first placed in the slots or grooves *g g*, with their pins, *h*, below the sill, as represented in fig. 1 of the drawing; and the final operation of setting up the fence is the bringing of the bevelled ends of the braces *C* together, and securing them by the hook *i* or loop *j*.

It will be seen that the notch *k*, which fits in the groove *f*, and over the top of the posts *a c*, will firmly hold the structure in place. The braces *C* being connected to the slotted ends of the sills *A* by the pins *h*, a secure fastening, which is easily detached, is employed in combination with the inclined notch *k*, which fits over the end of the posts, and forms a clamp to bind the ends of the panels together.

Having fully described my improvement in fences, what I claim, and desire to secure by Letters Patent, is—

The combination of the sills *A*, braces *C*, and hooks or loops *i j*, with the grooved posts *a c* of the panels, when the parts are constructed and arranged to form a detachable and portable fence, in the manner and for the purpose specified.

In testimony whereof, I have hereunto set my hand, this 31st day of May, 1867.

IRA LACKEY.

Witnesses:

H. P. K. PECK,

EDWARD WRENN.