

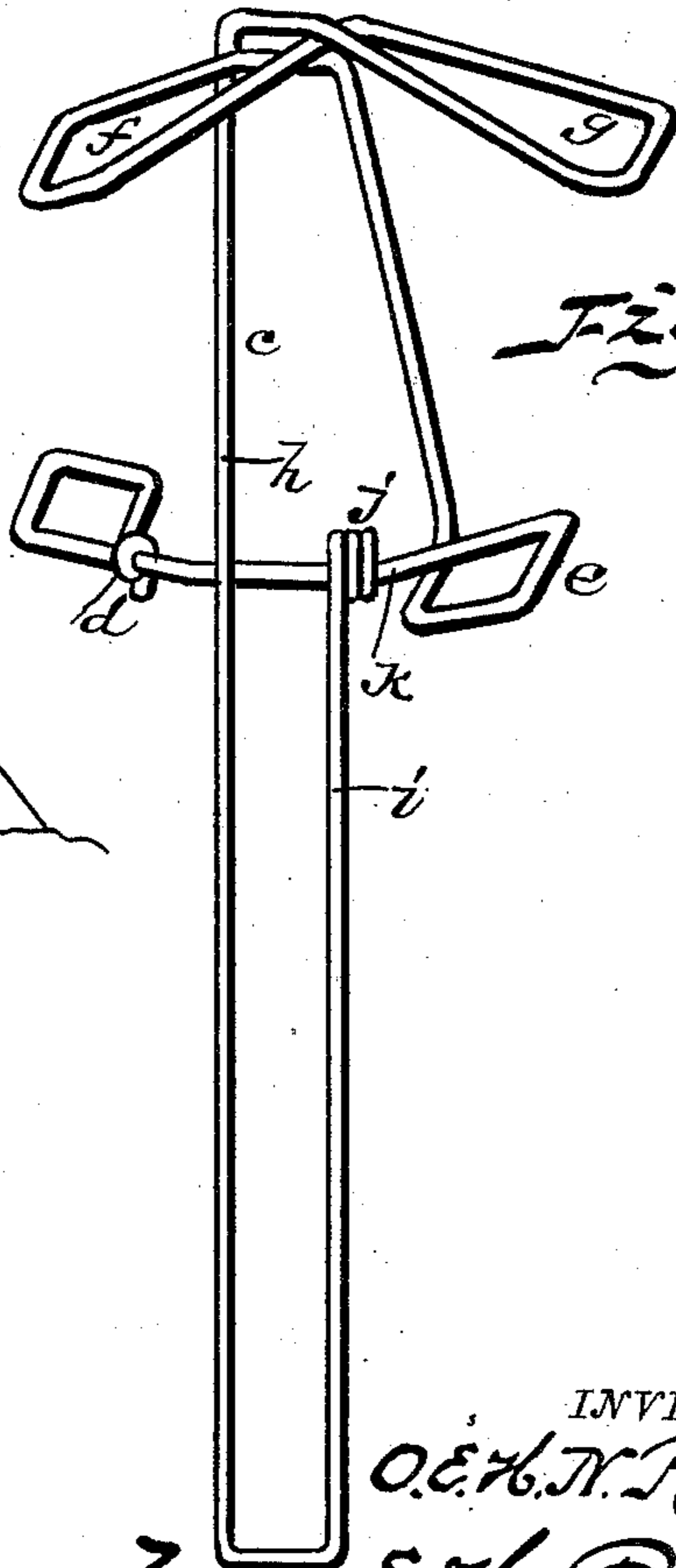
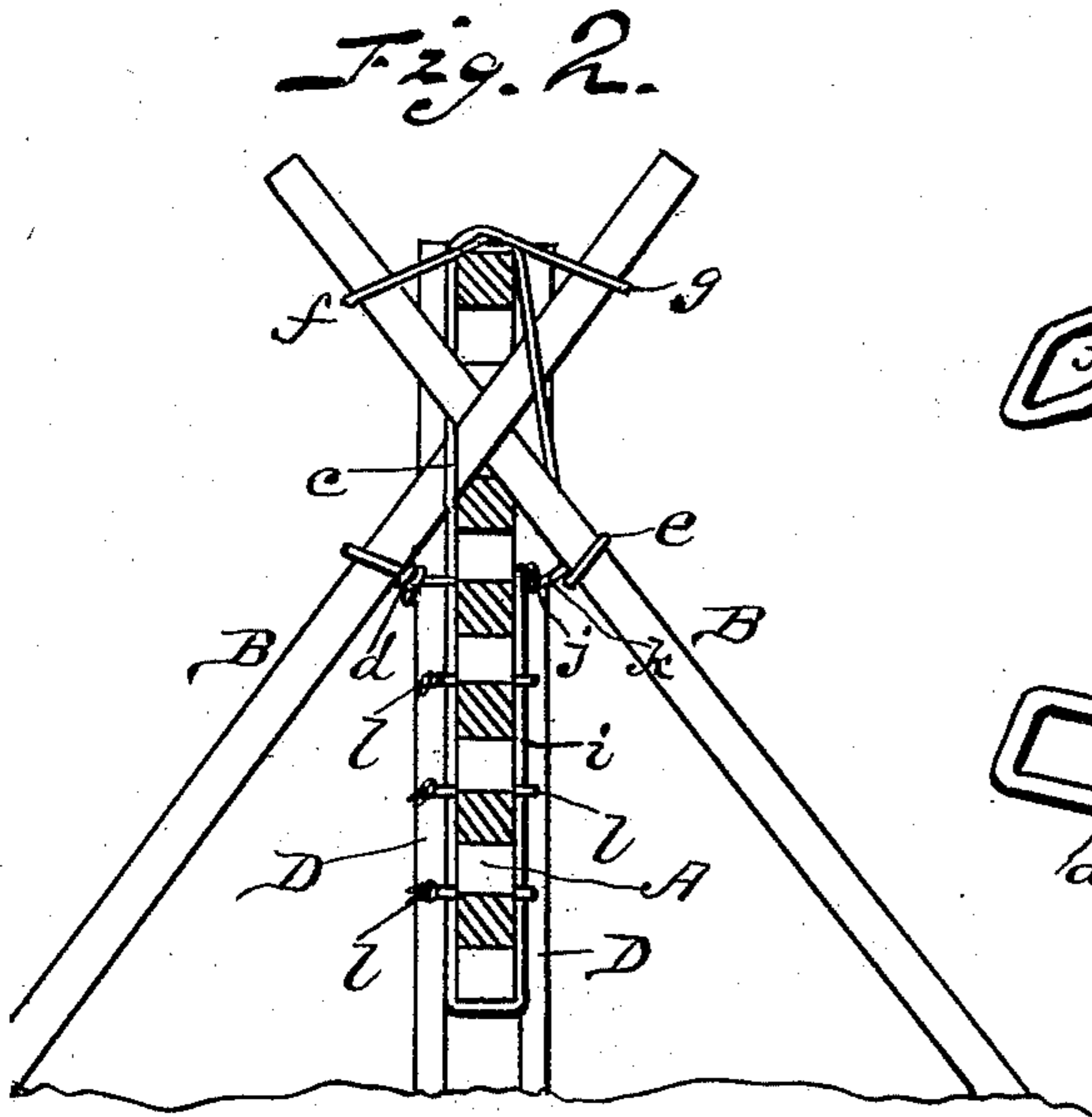
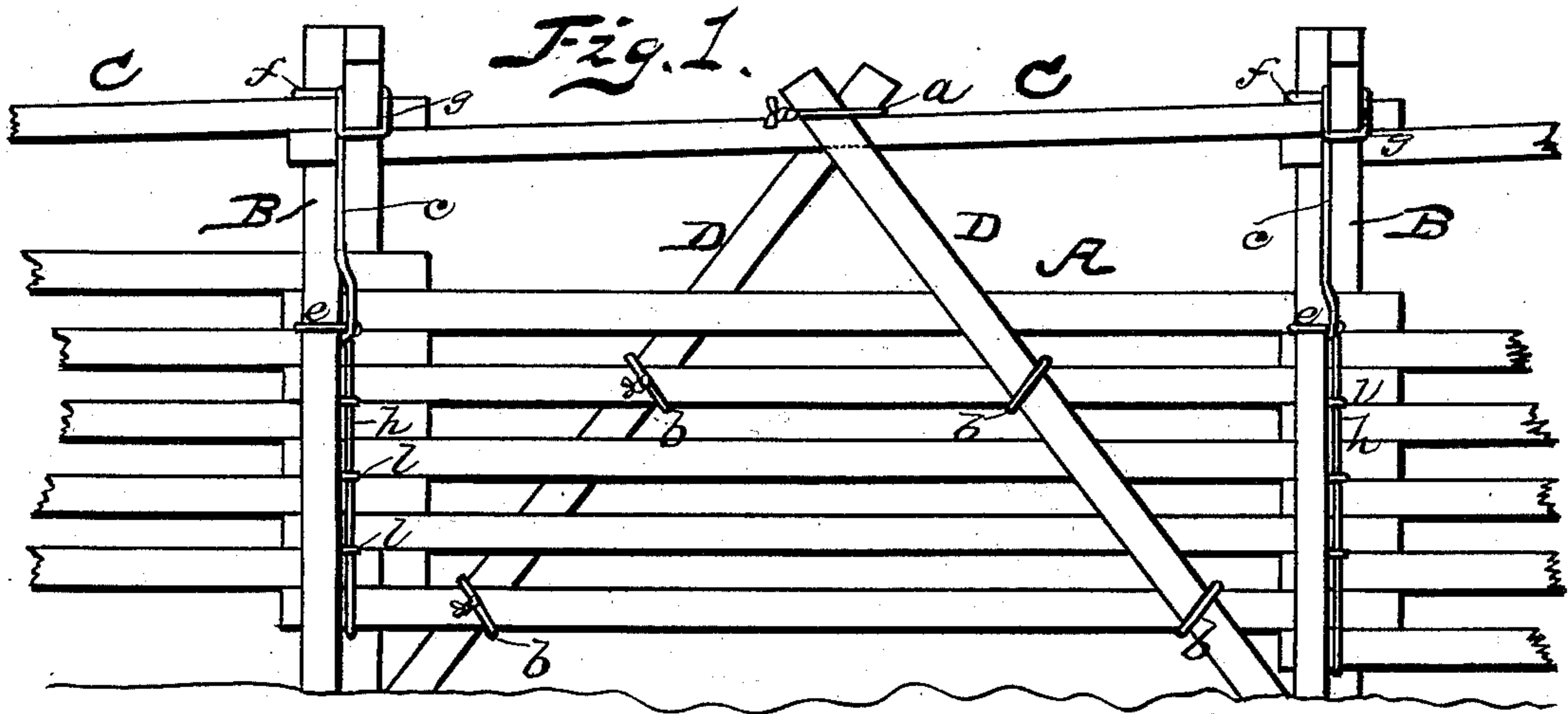
(No Model.)

O. E. H. N. REICHLING.

FENCE.

No. 387,107.

Patented July 31, 1888.



WITNESSES.

James B. Clarke.
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INVENTOR.

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UNITED STATES PATENT OFFICE.

OSCAR E. H. N. REICHLING, OF MARION, INDIANA.

FENCE.

SPECIFICATION forming part of Letters Patent No. 387,107, dated July 31, 1888.

Application filed July 30, 1887. Renewed June 30, 1888. Serial No. 273,677. (No model.)

To all whom it may concern:

Be it known that I, OSCAR E. H. N. REICHLING, a citizen of the United States, residing at Marion, in the county of Grant and State of Indiana, have invented certain new and useful Improvements in 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 ap-
10 pertains to make and use the same.

This invention relates to improvements in fences; and it consists in the novel construction and arrangement of the same, all as will be hereinafter fully described.

15 The annexed drawings, to which reference is made, fully illustrate my invention, in which—

Figure 1 is a side view of my fence. Fig. 2 is a vertical cross-sectional view of the same, and Fig. 3 is a perspective view of the tie-wire detached from the fence.
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Referring by letter to the accompanying drawings, A designates the horizontal rails, the ends of which overlap and rest upon one another.

25 B indicates oblique brace-bars crossing one another at their upper ends, between which are supported the riders C, and D represents diagonal bars on each side of the panel, which bars are tied to one another at their top by a
30 loop, *a*, and to the horizontal rails by loops *b*, thus bracing and strengthening said panel, as well as firmly binding the rider.

The horizontal bars and oblique brace-bars, as well as the riders, are firmly bound to one
35 another by a single tie-wire having connecting-loops in the following manner: The wire *c* is tied at one end, as at *d*, to one of the oblique brace-bars B, and carried across the horizontal bars and given a turn around the opposite brace-bar at *e*. It is then taken vertically
40 up to and over the top rider and passed around the top of the brace, as at *f*, thence diagonally across said rider and around the top of the opposite brace-bar, as at *g*, back over said rider,

downwardly at *h*, and under the lower rail, 45 and finally carried upwardly on the opposite side of the panel, as at *i*, and then tied at *j* to the portion *k*, thus forming a rigid tie for all the parts from a single piece of wire. The vertical portions of the wires on each side of 50 the panel are connected by tie-wires *l*, which pass between the horizontal rails and serve to bind the latter to the main tie-wire. It will be seen that with a single wire at the end of each panel of the fence I tie the upper ends of 55 the oblique brace-bars and riders to one another, and I also connect said bars farther down. At the same time I am enabled by means of the long vertical portions of said wire on each side of the panel and of the cross-loops 60 firmly to secure the horizontal rails to one another as well as to said oblique bars, and the diagonal braces, which are tied to each panel—one on each side thereof—serve to brace and hold the horizontal rails in a fixed position. 65

My fence is easily constructed, durable, and at the same time a fence which is cheap to make.

Having described my invention, what I claim, and desire to secure by Letters Patent, 70 is—

The combination, with the rails, riders, and oblique brace-bars, of the tying and holding wire connected to the parts, as described, consisting of a single wire, one end tied to one of 75 the oblique bars, carried across the rails and around the opposite bar, thence upwardly and over the riders and around the upper ends of the oblique bars and downwardly and under the lower rail, thence upwardly, and finally 80 tied to the crossed portion and provided with the tie-loops, as shown and described.

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

OSCAR E. H. N. REICHLING.

Witnesses:

ORANGE PEETERS,
JOHN J. RAGAN.