

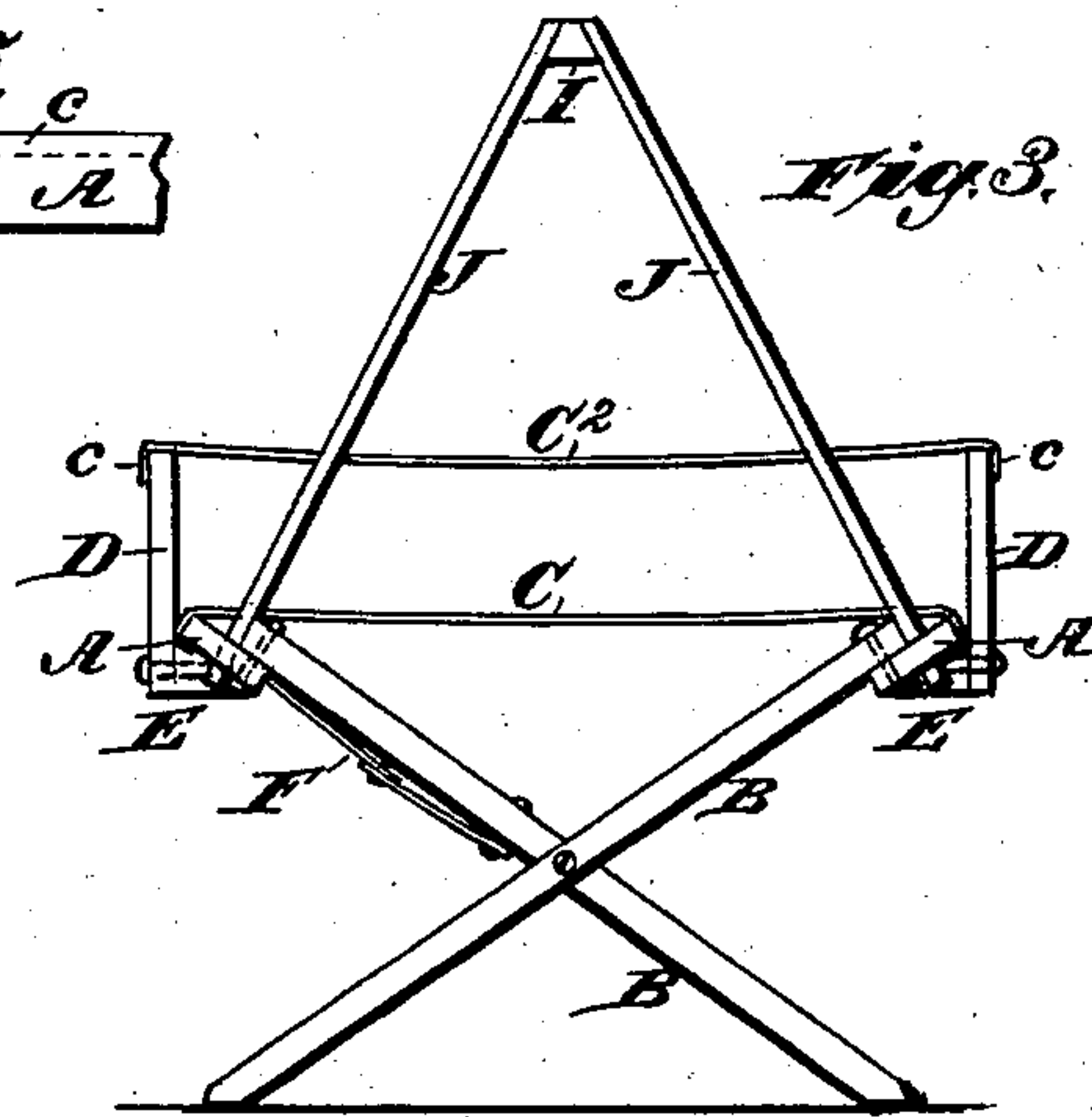
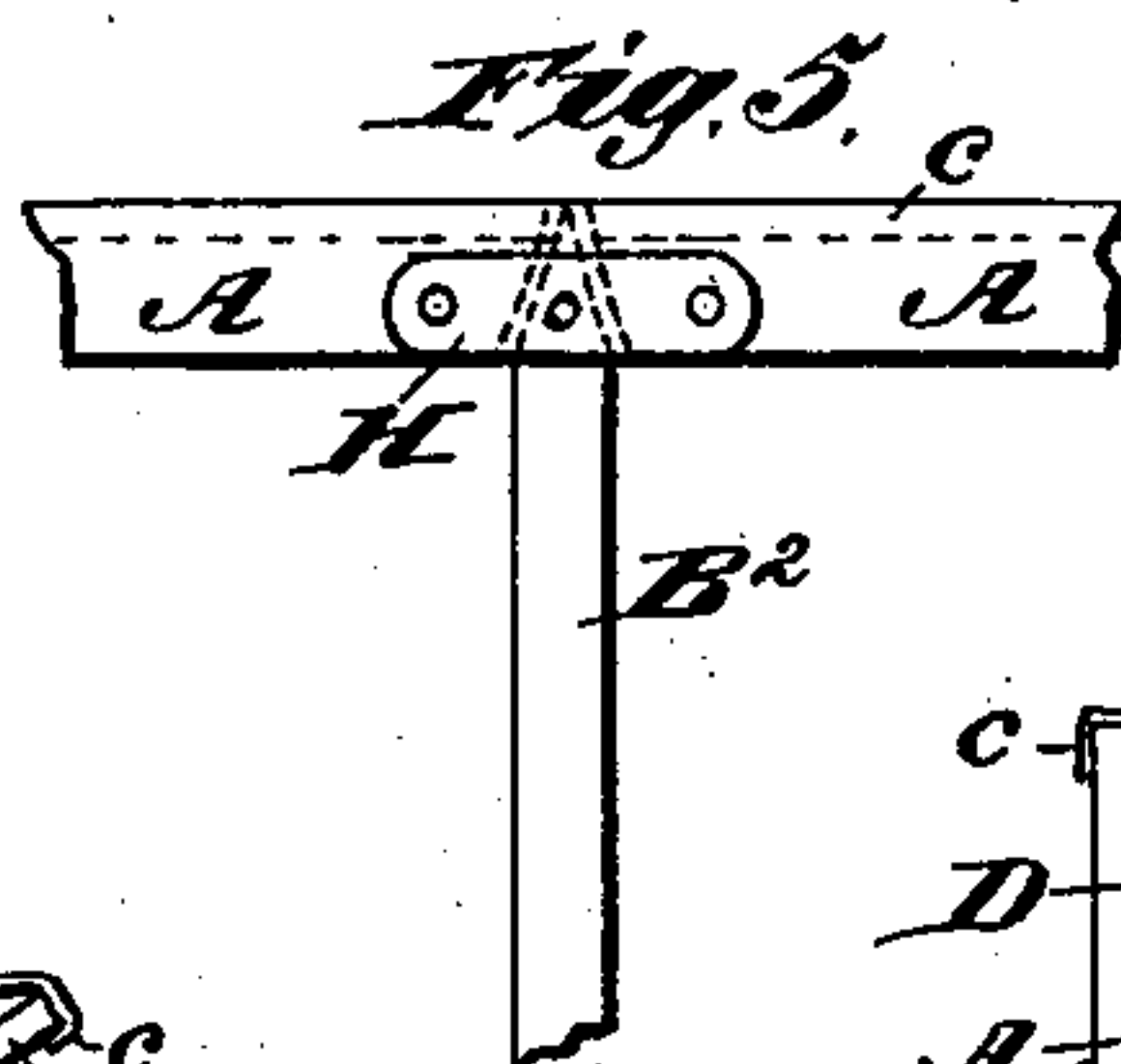
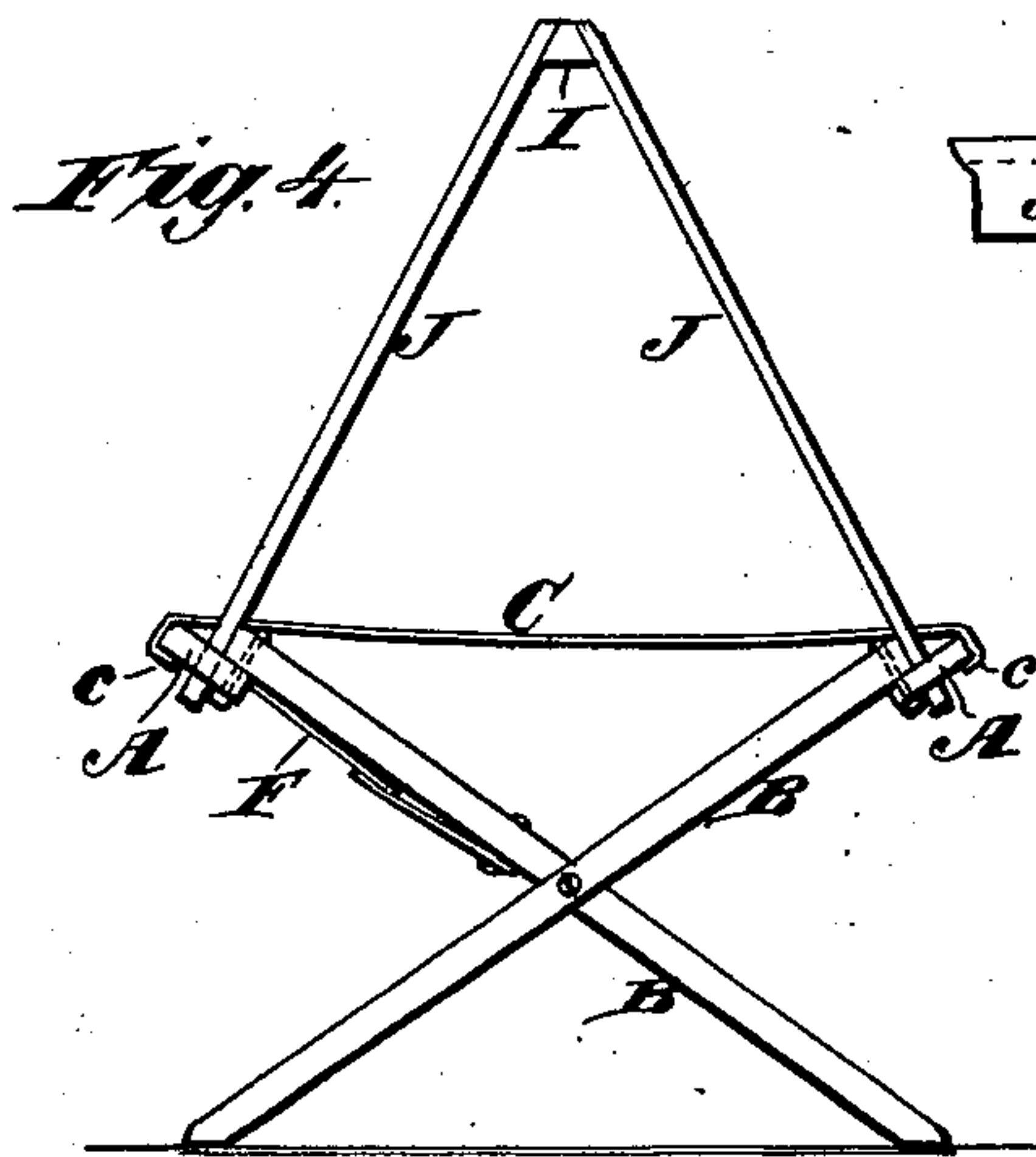
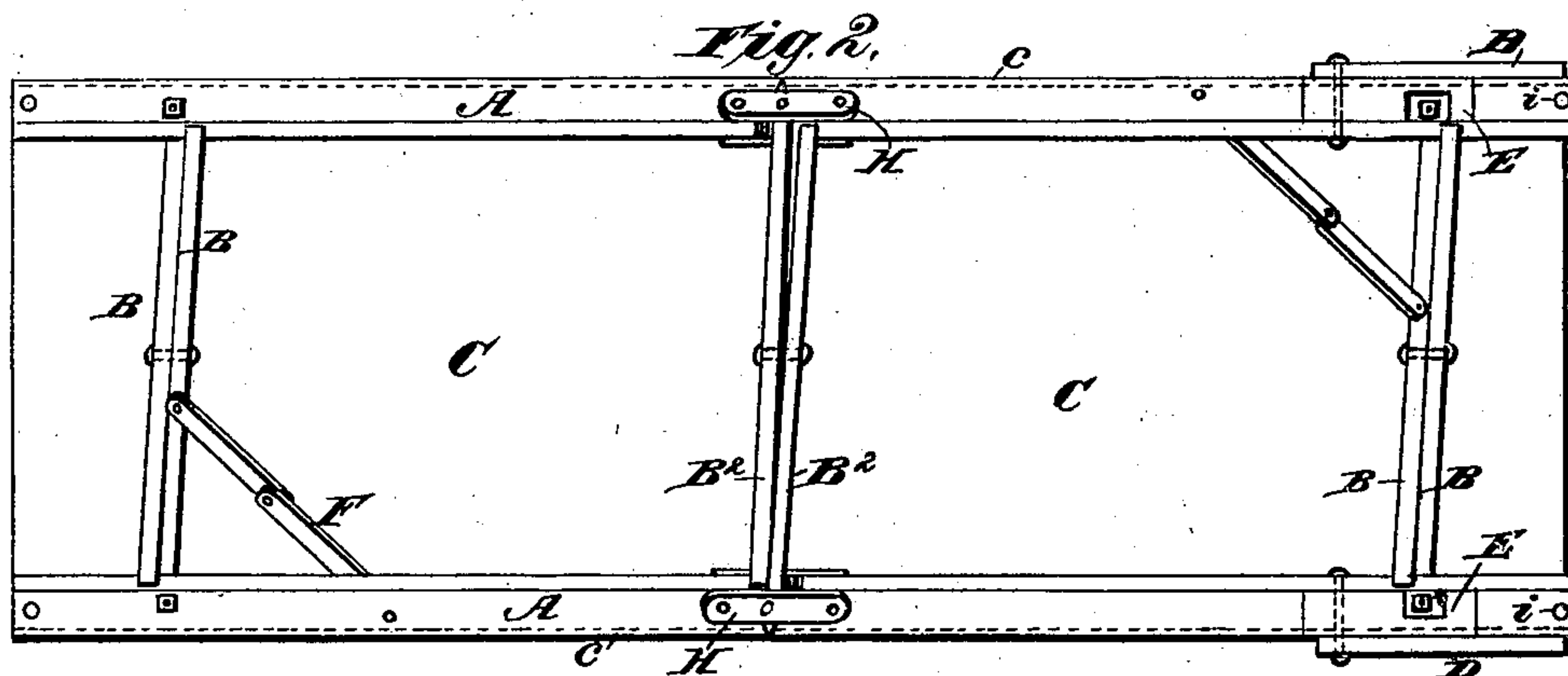
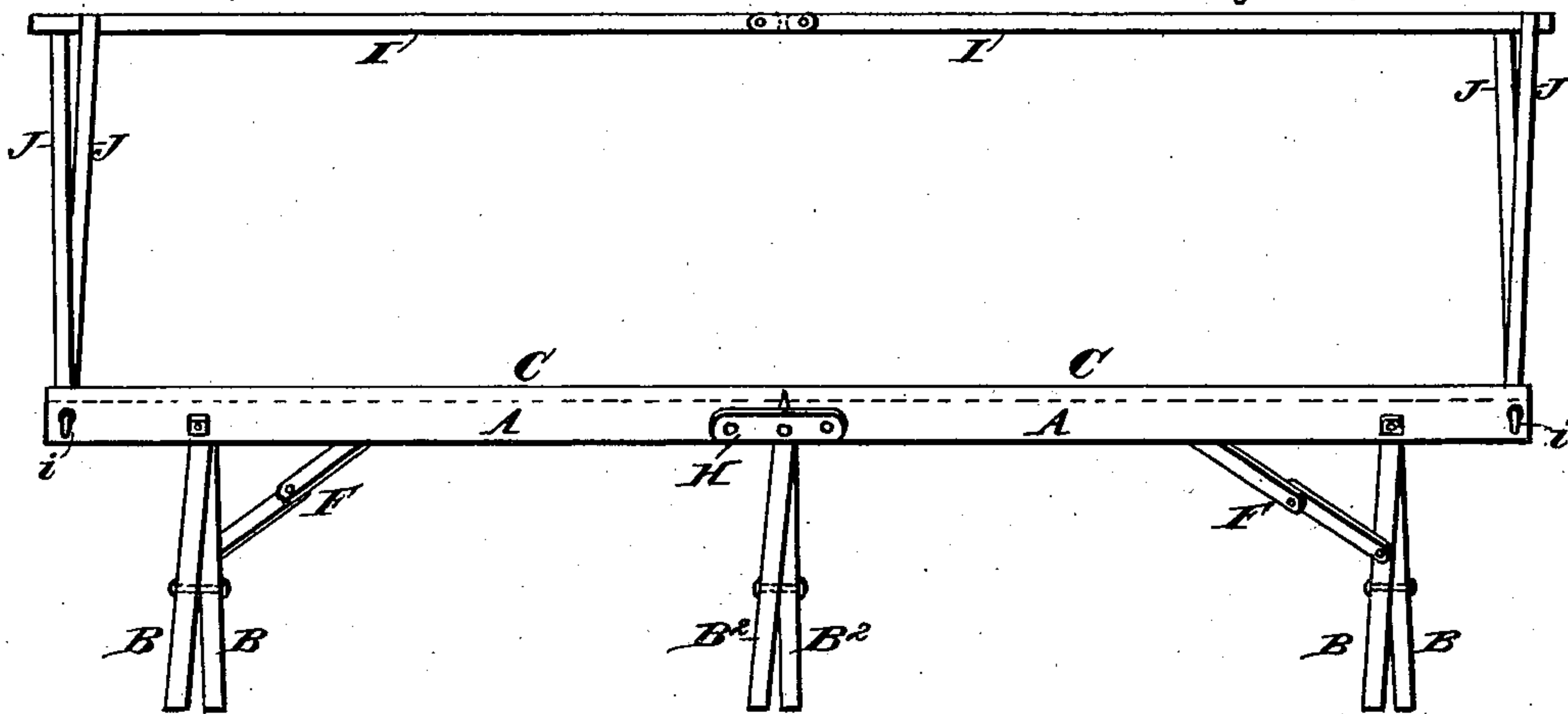
(No Model.)

S. F. SEELY.

FOLDING CANVAS COT AND CANOPY.

No. 363,855.

Fig. 1. Patented May 31, 1887.



Witnesses,
Robert Everett,
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UNITED STATES PATENT OFFICE.

SAMUEL F. SEELY, OF TOLEDO, OHIO.

FOLDING CANVAS COT AND CANOPY.

SPECIFICATION forming part of Letters Patent No. 363,855, dated May 31, 1887.

Application filed November 28, 1885. Serial No. 184,204. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL F. SEELY, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have
5 invented new and useful Improvements in Folding Canvas Cots and Canopies, of which the following is a specification.

My invention relates to improvements in that class of cots that are constructed of a
10 folding frame-work with folding legs; and the objects of my improvements are to produce a strong, simply-constructed, and perfectly-folding cot-frame, which may be made either as a
15 double or triple folding cot, the legs folding between the rails, which are folded near to each other, and the rails also folding lengthwise and provided with hinges and a third pair of legs; also, to provide a perfectly-working and quickly and easily adjusted self-sustaining head-rest. I attain these objects by
20 means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my cot complete in position for use. Fig. 2 is a view of
25 my cot from the under side when in extended position for use. Fig. 3 is an end view of the head of the cot and canopy. Fig. 4 is an end view of the foot of the cot and canopy; and Fig. 5 is an enlarged detail view of the center
30 hinge, showing its attachment to the side rail and the center leg.

Similar letters refer to similar parts in the several views.

A A are two side rails, to the sides of which
35 are pivoted, near their ends, two sets of cross-pivoted legs, B B B B.

F F are two folding jointed braces, one end of which is pivoted to the side rail, A, and the other end to the cross-leg B.

40 The rails, A A, which I design to use may be either solid or jointed without injury to the practical construction of the cots, designing only to make a cheaper grade of cots, and which I make mention of in the claims. I
45 have shown these rails in this case in the drawings as jointed. The joint is formed by a double-plated hinge, H, between the ends of which plates the two sections of the side rail, A, are pivoted, being cut at an angle, so as to
50 touch each other at the top edge, to the center of which plates, near the lower edges, is piv-

oted a leg, B², pointed at the top, so as to match the bevels on the ends of the two sections of the side rail, A, thus forming a supporting-joint, and the two legs B² and B², one on each
55 side, being cross-pivoted to each other, form a third pair of cross-pivoted legs to support the center of the cot when jointed, the same, as also the joint *k* in the ridge-pole I I, being
60 dispensed with when the rail is used solid.

I provide the head ends of the rails A A with triangular blocks E E, to form bearings and pivoting-places for the bent arms D D of the self-supporting head-rest.

C C is a covering of canvas, which may be
55 secured to the upper outside edges of the rails A A by means of tacks or staples *c c*, the same extending also up over the curved arms D D, and is secured in the same manner to their upper outer edge, thus forming a head-rest or
70 pillow, C². The canvas C receives its tension by the spread of the frame; and the tension of the canvas C², together with the weight applied on the canvas by the use of it and the relative
75 positions of the pivots of the legs B B and the curved arms D D, makes it a perfect self-sustaining head-rest, adjustable to any desirable height.

I I is a ridge-pole of a canopy-frame, hinged at *k*, triangular in cross-section, with the top
80 corner usually a right angle, to which are pivoted four posts, J J J J, which are arranged to be held in position to sustain a canopy above the cot by means of holes *i i i i* in the ends of the rails A A, or staples serving the same pur-
85 pose driven into the rails A A.

Thus I have described the parts of my cot and their working relation to each other and shown it in extended position for use. It may now be plainly seen that by removing the
90 canopy-frame and folding it up, as the construction of it will admit of, all the pieces composing it will lie along parallel with each other, forming a compact bunch. Then the cot may be folded, the head-rest being pressed down to the
95 top of the rails A A. The rails A A may then be folded up to within a few inches of each other, then the braces F F folded, while at the same time the two sets of legs B B B B at the ends fold down in between the rails A A.
100 Then the rails A A may be folded lengthwise, leaving the middle set of legs, B² B², in between.

Then by pressing in closely the folded canopy-frame and folding the canvas closely around the whole I have a complete and compact portable cot ready for transportation.

5 Having thus described and illustrated my invention in such a manner that any one skilled in the arts may construct and use the same, I am aware that there are double and triple folding cots now in use with adjustable head-
10 rests attached in various ways; but I am not aware that there are any other double or triple folding cots having the legs pivoted to the side rails as this is. I therefore do not claim, broadly, such a construction of cots.

15 Heretofore cots have been made having pivoted legs folding upon the frame, but not crossed, and provided with braces which hook upon and support the legs extended. In this cot the legs do not fold crosswise to the cot.
20 Moreover, in said cot the arms to the head-piece are connected at their upper end by a cross-bar, and unless the legs can fold crosswise and the head and arms be free from any rigid connection between their upper ends the
25 weight on the canvas cannot act to increase the tension of the canvas between the arms of the head-piece, so as to support and stiffen the latter, as is done in my invention. The braces F shown by me are claimed only in
30 combination with the legs B, pivoted to each other and to the side rails, and when so constructed they perform a function wholly different from anything that can be accomplished in the prior construction named.

35 What I do claim as new, and desire to secure by Letters Patent, is—

1. In a folding canvas cot, the combination, with side rails, A A, of the cross-legs B B at head and foot, said legs pivoted to each
40 other and at their upper ends to the side rails, and the braces F, jointed between their ends and pivoted to the side rails and to the legs near their pivotal junction, substantially as described.

2. In a folding canvas cot, the combination, 45 with side rails, A, of the triangular blocks E, secured to the under side of said rails, the curved arms D, pivoted to said blocks, the canvas C, extending from the foot to the curved arms and attached to the latter from their
50 pivotal points to their ends, and the legs B, connected to said rails and pivoted to fold crosswise of the cot, substantially as and for the purposes set forth.

3. In a folding canvas cot, the combination, 55 with side rails, A, of the legs B, secured thereto and pivoted to fold crosswise of the cot, arms D, having a pivotal connection at one end with the rails and free from any rigid connection between the two arms at their upper
60 ends, and the canvas C, extending from the foot to the arms and attached to the latter from their pivotal points to their upper ends, substantially as described.

4. In a folding canvas cot, the combination, 65 with the side rails, A A, jointed in the middle, of the double-plated hinges H H and the legs B², pivoted at their pointed upper ends to the said hinges, substantially as described.

5. In a folding canvas cot, the combination, 70 with the rails A A, having a joint, of the hinges H and the legs B² B², having pointed upper ends and pivoted to said hinges between the ends of the latter, substantially as described. 75

6. In a folding canvas cot, a canopy-frame consisting of a ridge-pole having two pivoted supporting-posts at each end, in combination with the side rails of the cot having sockets to receive the lower ends of the posts, sub-
80 stantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

SAMUEL F. SEELY.

Witnesses:

P. HENAHAN,
C. S. CURTIS.