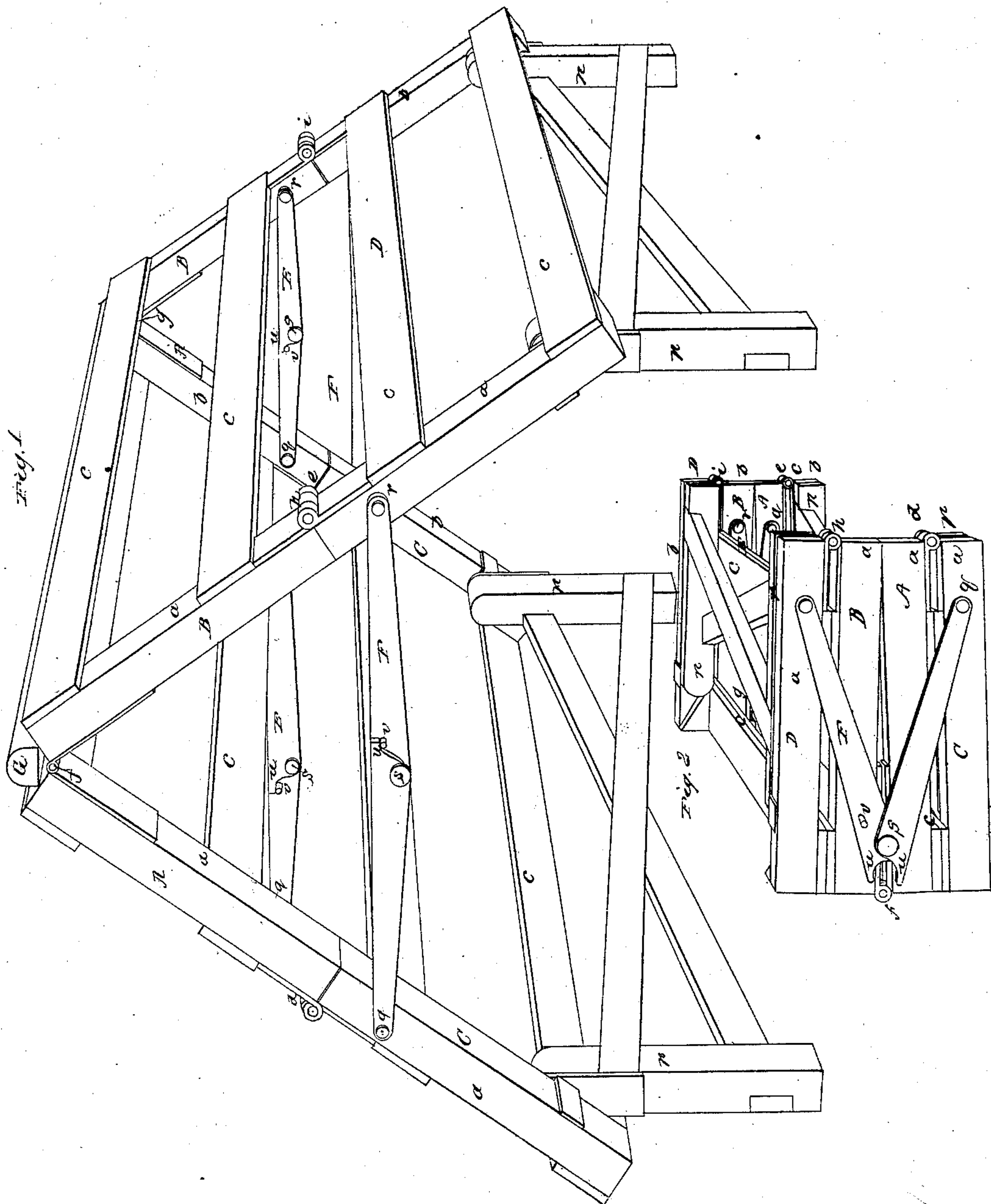


B. Hinkley,

Tent

N^o 17504.

Patented June 9, 1857.



UNITED STATES PATENT OFFICE.

BENJAMIN HINKLEY, OF TROY, NEW YORK.

FRAME FOR CAMP-TENTS.

Specification of Letters Patent No. 17,504, dated June 9, 1857.

To all whom it may concern:

Be it known that I, BENJAMIN HINKLEY, of the city of Troy, in the county of Rensselaer and State of New York, have invented
5 a new and useful Improvement in Portable Frames for Rectangular Tents; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings,
10 making a part of this specification, in which—

Figure 1 is a perspective view of my improved tent-frame when expanded, and Fig. 2 of the frame when folded.

15 The same letters refer to like parts in both figures.

My improved tent-frame has rafters and is made in four sections, A, B, C, D, each of which consists of two half-rafters *a b* fastened stiffly together by longitudinal slats
20 *c*, the sections being hinged together at *d e*, *f g*, and *h i*, in such manner that the sections A and B can be shut together and the sections C and D folded over upon them as in
25 Fig. 2, so that the whole raftered frame can be conveniently carried from place to place without separating its parts; and the lower portions of the sections A, B, are connected together, and also the sections C, D, with
30 each other by means of the braces E, E, F, F', which are hung to the sections at *q* and *r* and are jointed at *s*, so as to fold up with the sections as shown in the drawings, which braces are also provided with projections
35 *u*, *v*, which meet together and make the braces rigid just after the joint *s* has descended below an imaginary straight line joining the points *q* and *r* where the braces are hung to the sections, the four jointed

braces thus serving to tie and brace the four
40 hinged sections of the roof-like frame in their proper positions when expanded. If the frame is for a wall-tent, the roof-frame is mounted upon posts *p*, which are braced
45 together in pairs and hinged to the feet of the rafters in such manner that the pairs of posts can be folded upon the lower sections C, D, as in Fig. 2, for convenient carrying, but not so as to turn outward beyond the
50 proper upright position for sustaining the roof-frame.

In putting up the tent, after setting the folding sections A, B, C, D, in the expanded position shown in Fig. 1, by means of the
55 jointed tie-braces, the bottoms of the rafters, or, if it is a wall tent, the bottoms of the posts *p*, are secured by cords to pegs driven into the ground outside of the tent, and the
60 canvas covering, which should be nailed upon the loose ridge-pole G, is drawn down around the sides and ends of the frame and fastened at the bottom by tenter-hooks, or in some other suitable manner.

For convenient carrying, the canvas covering may be rolled around the ridge-pole.
65

What I claim as my invention and desire to secure by Letters Patent, is,

Making the raftered frame of the tent in sections hinged together, so that the frame
70 can be folded for convenient carrying, as herein described, the folding frame being provided with the jointed tie-braces or equivalent devices for keeping the sections in place when expanded, as herein set forth.

BENJA. HINKLEY.

Witnesses:

I. L. BARNEY,
E. WILMARTH.