

E. C. Williams

Tent,

N^o 32,715.

Patented July 2, 1861.

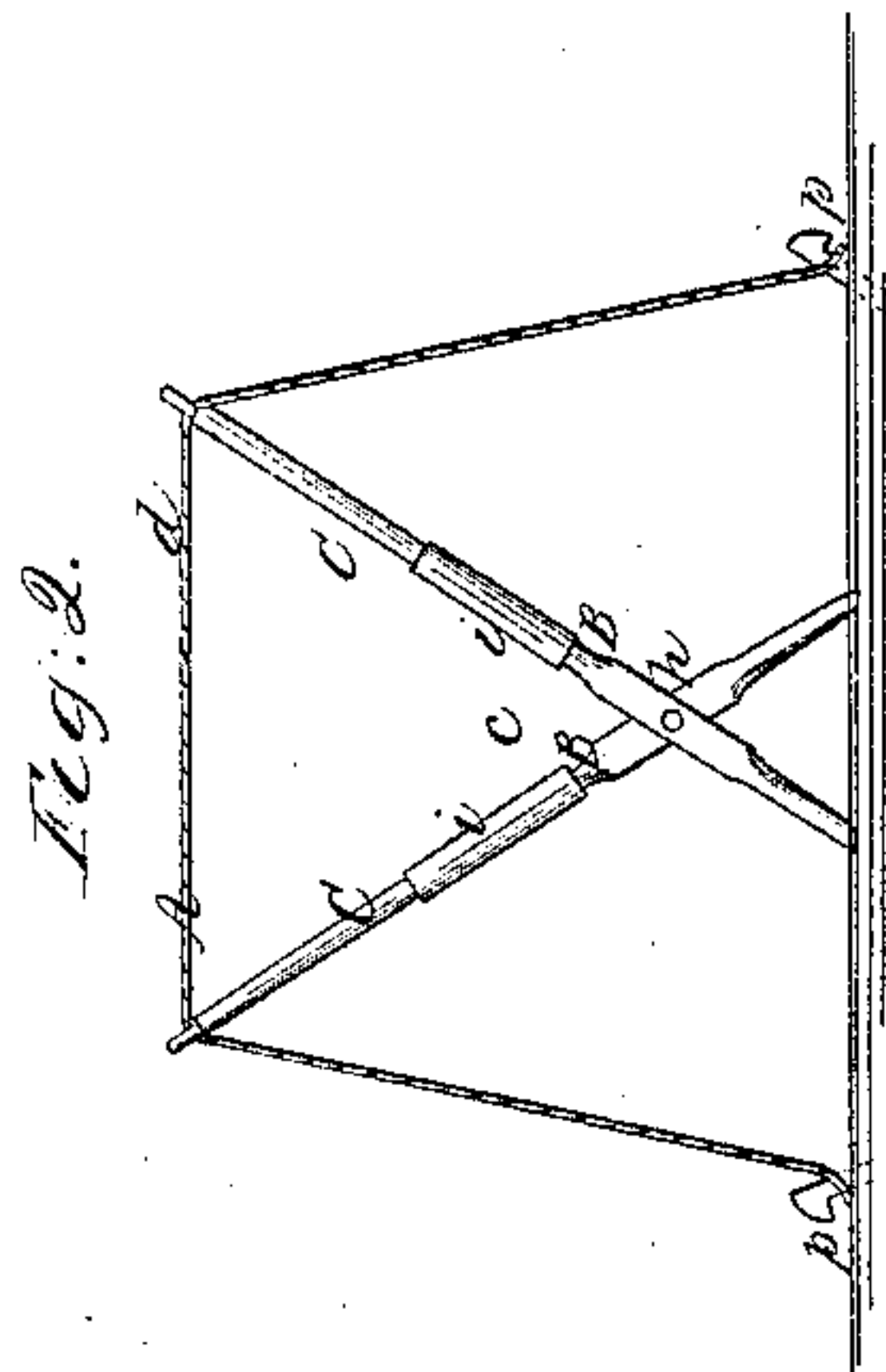


Fig. 1.

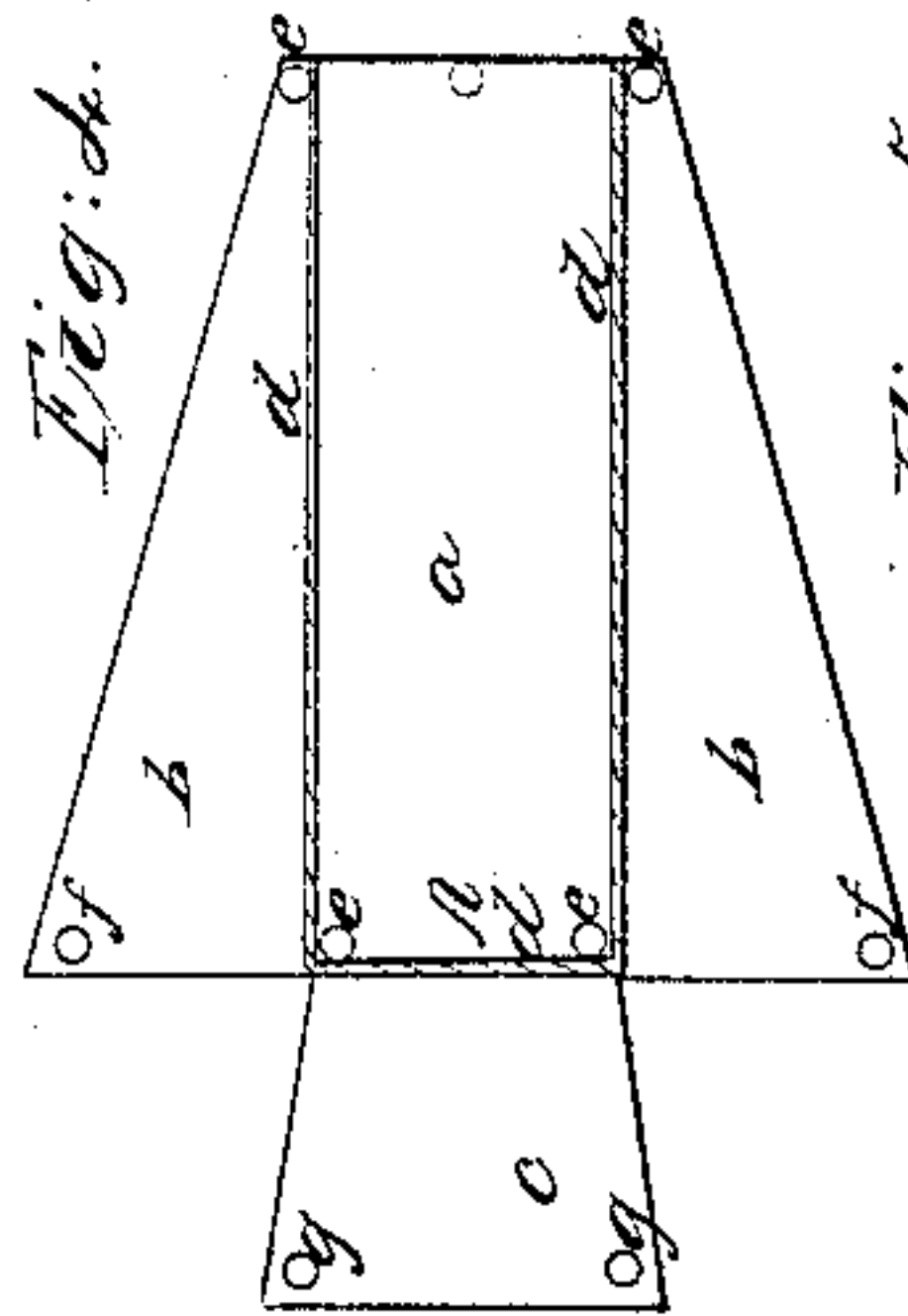
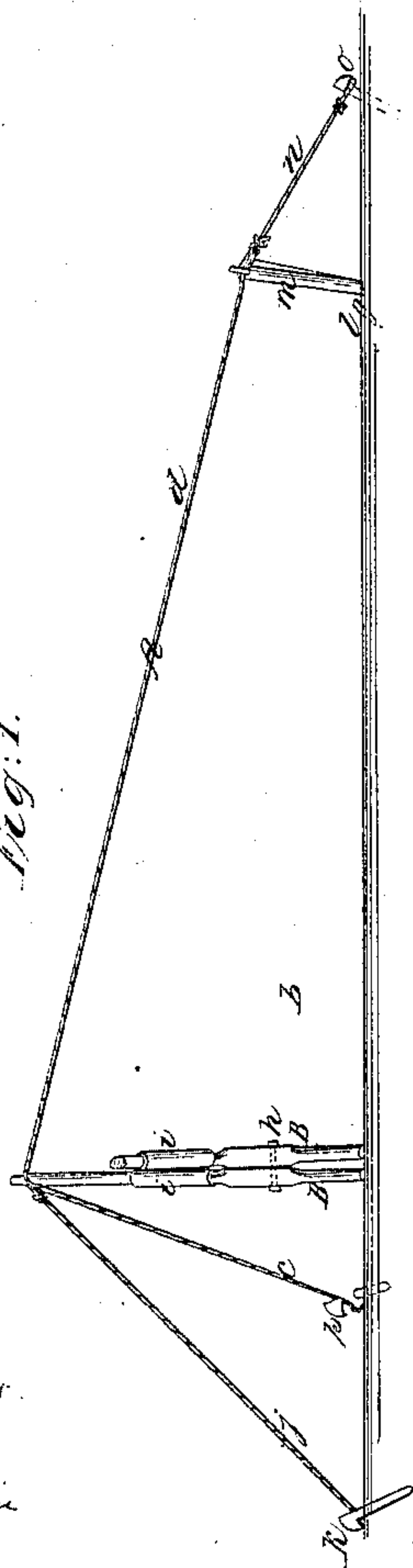


Fig. 4.

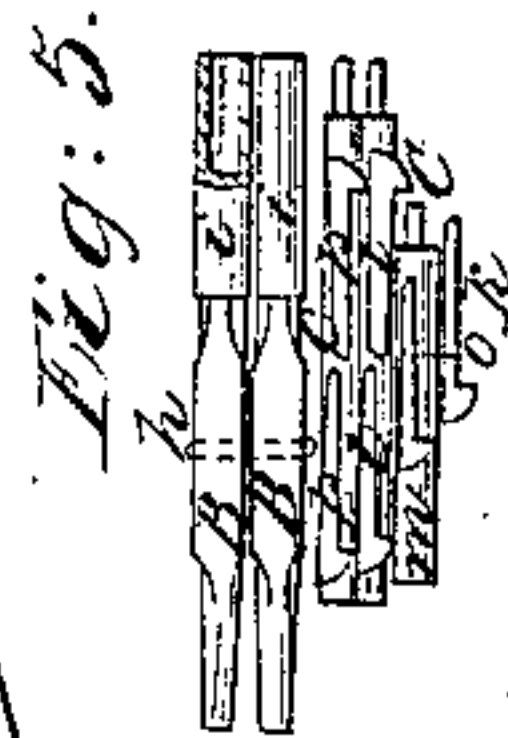


Fig. 5.

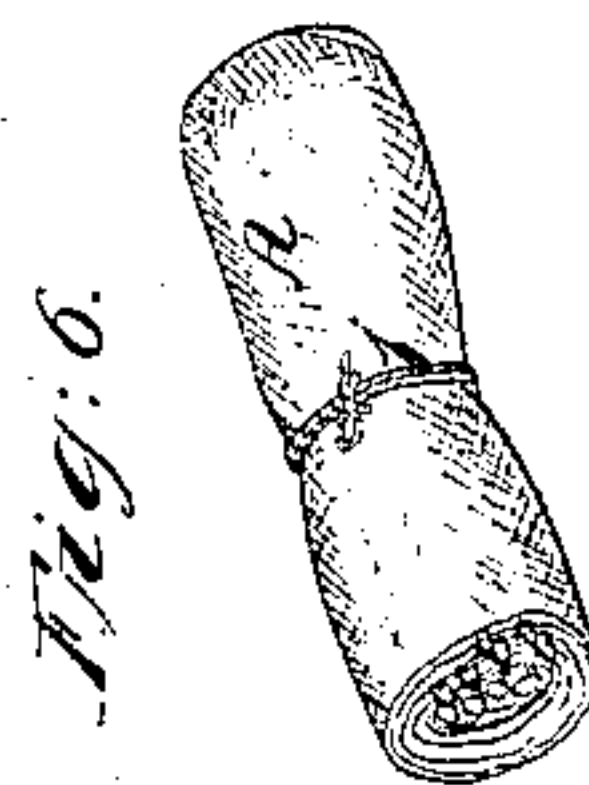
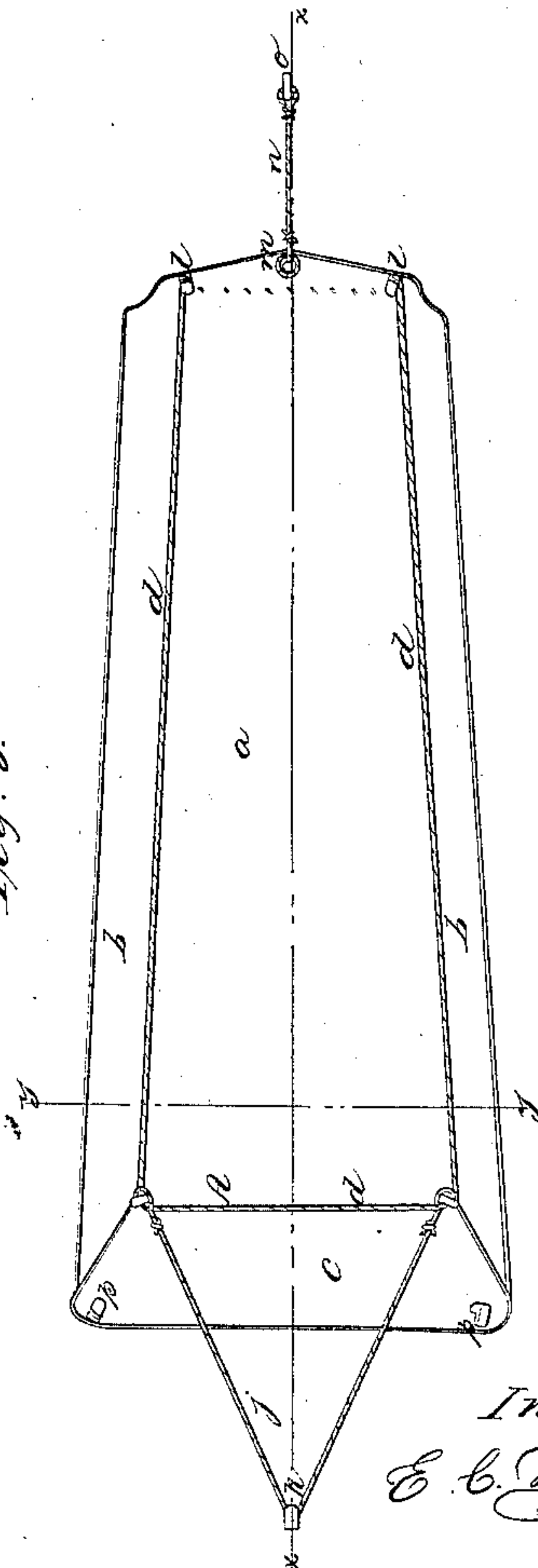


Fig. 6.

Fig. 3.



Witnesses
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TENT.

Specification of Letters Patent No. 32,715, dated July 2, 1861.

To all whom it may concern:

Be it known that I, E. C. WILLIAMS, of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and Improved Portable Tent for the Use of Troops; 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, making a part of this specification, in which—

Figure 1, is a longitudinal vertical section of my invention, taken in the line *x, x*, Fig. 3, and shown in proper position for use. Fig. 2, a transverse vertical section of the same, taken in the line *y, y*, Fig. 3. Fig. 3, a plan or top view of the same. Fig. 4, a reduced plan or top view of the canvas distended, showing the form of the same. Fig. 5, a detached view of the props and pegs pertaining to the same. Fig. 6, a perspective view of the whole device in a rolled or compact state.

Similar letters of reference indicate corresponding parts in the several figures.

The object of this invention is to obtain a portable tent or covering of such dimensions that it will afford sufficient protection for a single soldier in a recumbent or lying posture and still be capable of being folded or rolled up to form a very small parcel that may be readily carried on the knapsack or strapped directly to the back of the soldier thereby enabling him to carry his own tent, and dispensing with the costly wagons hitherto employed for carrying the ordinary tents, and which greatly retard the march of an army, even over good roads, and which when impracticable to be used, subject troops to great exposure and hardships.

My invention consists in having a piece of canvas or any suitable water proof cloth cut in a novel form, and using in connection therewith two cross props and a few pegs and cords, all arranged as hereinafter described.

To enable those skilled in the art to fully understand and construct my invention I will proceed to describe it.

A, represents a piece of canvas or any suitable water-proof cloth, cut in the form shown in Fig. 4; *a* representing the main portion which is of rectangular form; *b, b*,

the sides of triangular form, and *c* the back of quadrilateral form. The part *a*, of the canvas or cloth is bound with a rope *d*, at both sides and one end, as shown in Figs. 3 and 4. At each angle of the part *a*, of the cloth or canvas there is made a hole *e*, and a hole *f*, is made at the outer angle of each side *b*, holes *g, g*, are also made at the outer angles of the back *c*, of the cloth or canvas, see Fig. 4.

B, B, represent two cross rods or bars, which are connected by a pintle or joint *h*, and are each provided at one end with a tube or socket *i*. The rods or bars B, are of wood, the sockets *i*, being of metal to receive rods C. The rods B, B, C, C, form jointed props for supporting the cloth or canvas A, and the upper ends of the rods or bars B, are inserted in the inner holes *e*, of the part *a*, of the cloth or canvas, the lower ends of the props resting on the ground.

To the inner end of the part *a*, there is attached a rope or cord *j*, which is strained by a peg *k*, driven in the ground. The outer end of the part *a*, is secured to the ground by two pegs *l, l*, which pass through the outer holes *e, e*, and the center portion of the lower end of part *a*, is elevated by a prop *m*, and strained taut by a cord *n*, and peg *o*. The elevation of the lower end of the part *a*, of the cloth or canvas affords room for the feet of the occupant of the tent. The sides *b, b*, and back *c*, are secured firmly down to the ground by pegs *p*, which pass through the holes *f, f*, of the parts *b, b*, and through the holes *g, g*, of the back *c*, of the cloth or canvas.

The dimensions of the cloth or canvas A, are such that when stretched and propped up as described, a soldier may readily pass under it and be fully covered and protected in a recumbent and lying posture, and when made of these dimensions the device will admit of being packed up in a very small compass, for the rods B, B, C, C, of the props may be disconnected and with the prop *m*, and pegs *k, l, l, o, p, p*, rolled up in the cloth or canvas A, as shown in Fig. 6, the cord *j* serving to bind the roll.

The whole device may be afforded at a small cost and it may be placed on the knapsack of a soldier or strapped to his back and carried with the greatest facility.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

5 The water-proof cloth or canvas of the form shown and described, in combination with the jointed cross props, foot prop, cords and pegs, arranged to form a portable

tent or covering for troops, substantially as specified.

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