

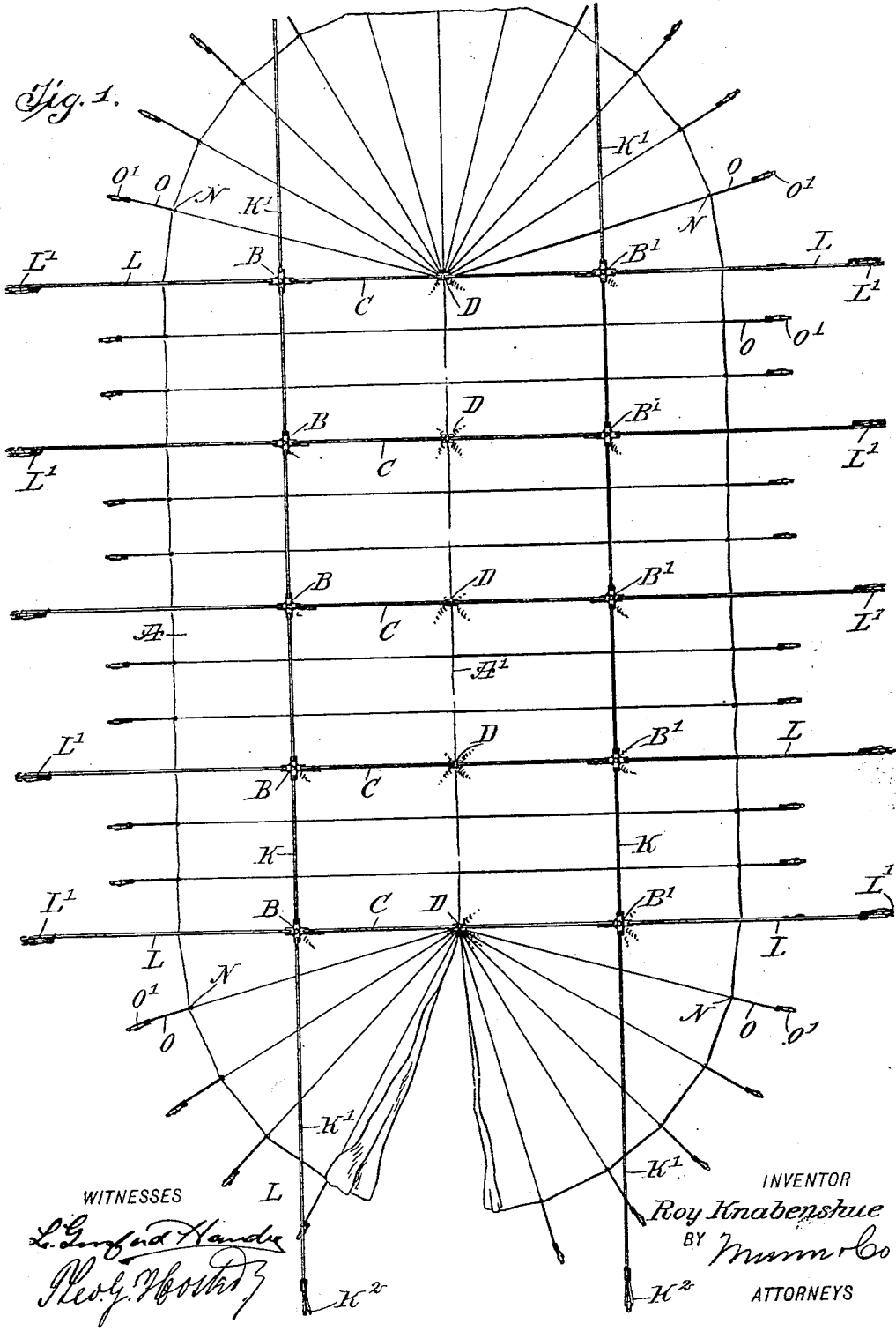
No. 858,875.

PATENTED JULY 2, 1907.

R. KNABENSHUE.
TENT.

APPLICATION FILED JAN. 18, 1907.

2 SHEETS—SHEET 1.



WITNESSES

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INVENTOR

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Fig. 2.

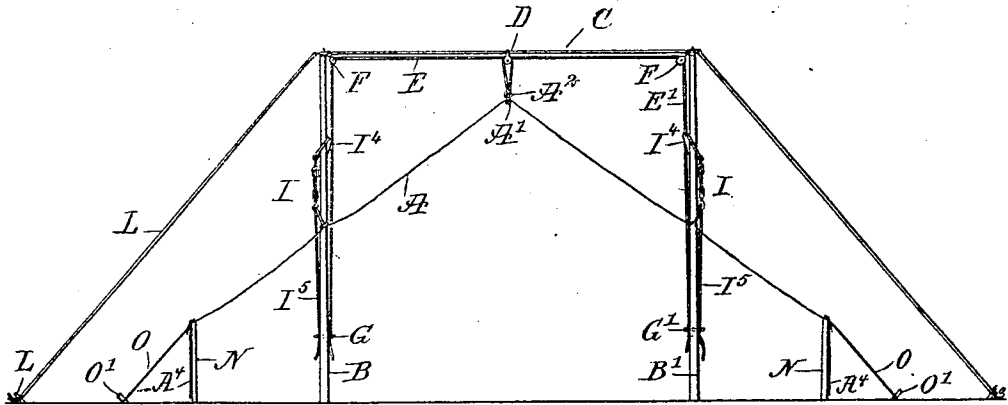


Fig. 3.

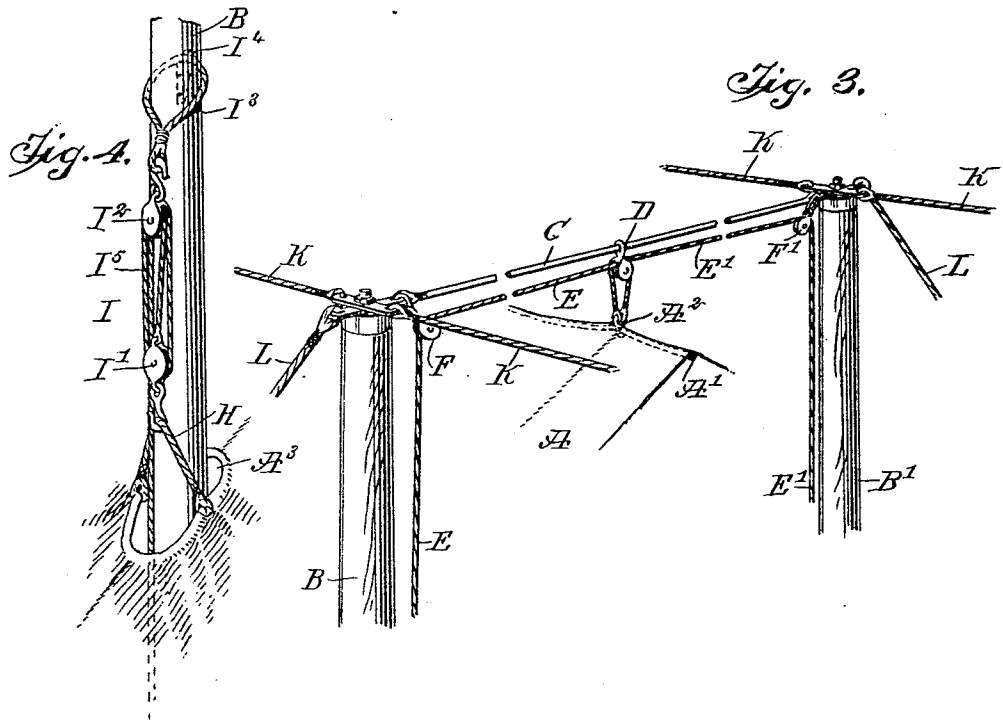
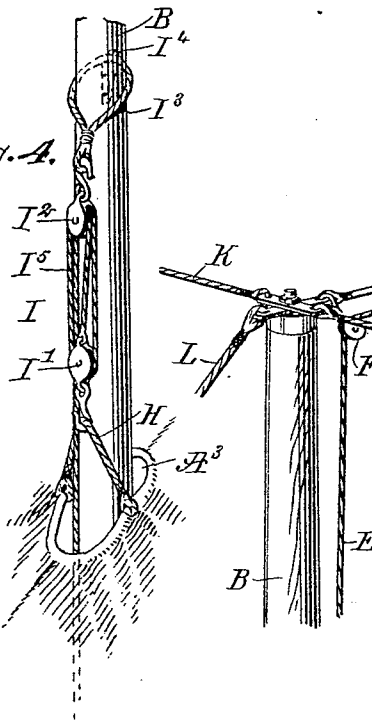


Fig. 4.



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UNITED STATES PATENT OFFICE.

ROY KNABENSHUE, OF TOLEDO, OHIO.

TENT.

No. 858,875.

Specification of Letters Patent.

Patented July 2, 1907.

Application filed January 18, 1907. Serial No. 352,894.

To all whom it may concern:

Be it known that I, ROY KNABENSHUE, a citizen of the United States, and a resident of Toledo, in the county of Lucas and State of Ohio, have invented a
5 new and Improved Tent, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved tent, arranged to leave the center portion of the tent wholly unobstructed for the convenient hous-
10 ing of air ships and like apparatus or for the use of shows and for other purposes.

The invention consists of novel features and part and combinations of the same, which will be more fully described hereinafter and then pointed out in the
15 claims.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

20 Figure 1 is a plan view of the improvement; Fig. 2 is a transverse section of the same; Fig. 3 is a perspective view of one of the external ridge suspensions for the tent cover, and Fig. 4 is a like view of one of the external side suspensions for the tent cover.

25 The tent cover A of canvas or other suitable fabric material is suspended externally at the ridge A' and also at the sides, and for this purpose pairs of poles B, B' are set on the ground, the pairs being spaced suitable distances apart in a longitudinal direction,
30 and the poles in each pair of poles are spaced a suitable distance apart in a transverse direction, as plainly indicated in Fig. 1. The ridge A' of the tent cover A extends midway between the poles B, B' of the several sets of poles, and in order to suspend the ridge A'
35 externally the following arrangement is made: The upper ends of the poles B, B' of a pair are connected with each other by a cable or rope C, supporting at or near its middle a sheave D, over which pass the ropes E, E' connected with an eye A² fixed on the ridge
40 A' of the tent cover A (see Fig. 3), the ropes E and E' extending transversely in opposite directions towards the poles B, B', to then pass over guide pulleys F, F' carried on the upper ends of the poles B, B'. The ropes E, E' extend downward from the guide pulleys
45 F, F', to be attached at their lower ends to cleats G, G', preferably in the form of pieces of gas pipe removably held in transverse apertures bored into the poles B, B', the cleats being within the tent and a suitable distance above the ground, so as to be within convenient
50 reach of the operators (see Fig. 2). Each piece of gas pipe projects on both sides of the corresponding pole B or B', to form a cleat on each side of the pole.

In order to suspend the sides of the tent cover A externally, the following arrangement is made: Each pole
55 B, B' extends through an opening A³ in the side of the tent (see Fig. 4), and the walls of this opening A³ are

connected on opposite sides of the pole with a loop H hung on the lower pulley block I' on the rope and tackle device I of the usual construction, and having its upper pulley block I² attached to a loop I³ slipped
60 over the corresponding pole B or B', and supported thereon by engaging a bracket I⁴ secured to the pole. The rope I⁵ of the rope and tackle device I extends down through the opening A³, to connect at its lower end to a cleat G or G' on the projecting end opposite
65 the one for the corresponding rope E or E' above mentioned.

In setting up the tent, the poles B, B' are first set up on the ground, then the tent cover A is spread on the ground and the poles lifted into the openings A³, and
70 then the operators first pull the rope, I⁵ to lift the sides of the tent cover A at the poles B to the desired height, and then the ropes E, E' are pulled to raise the ridge A' to the desired height. It is understood that when the tent is set up it is completely suspended externally
75 of the cover, so as to leave the entire center or middle portion of the tent completely unobstructed, to permit convenient housing of the air ships and like apparatus, or to permit of using the tent for shows, exhibitions and other purposes. When it is desired to lower the
80 tent it can be readily done by simply releasing the ropes E, E' and I⁵.

In order to give the desired rigidity to the poles B, B', the upper ends thereof are connected with each other by longitudinally extending connecting cables
85 or ropes K, and similar cables or ropes K' extend from the end poles down to stakes K² driven into the ground. Transverse braces L are connected with the upper ends of the posts B, B', and these braces L extend to stakes I' driven into the ground a distance from the tent
90 cover. The side edges of the tent cover A are held on the upper ends of side posts N connected by braces O with stakes O' driven into the ground, as plainly indicated in Figs. 1 and 2, and the side portions A⁴ of the cover A are sewed, or secured by snap hooks or the
95 like, to the said side edges of the cover A.

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

1. A tent comprising a tent cover having a ridge, spaced poles extending through openings on each side of the ridge of the said tent cover, and means for suspending the ridge and carried by the said poles above the said cover. 100

2. A tent comprising a tent cover having a ridge, pairs of poles extending through the said tent cover on each side of the ridge, a connection between the upper ends of the poles of a pair of the said suspension poles, and means for suspending the ridge supported by the said connection. 105

3. A tent comprising a tent cover having a ridge, pairs of poles extending through the said tent cover the members of the pairs being upon opposite sides of the ridge, a connection between the upper ends of the poles of a pair of the said suspension poles, and means for suspending the ridge supported by the said connection, the said suspension device having means for raising and lowering the ridge of the cover. 110 115

4. A tent comprising a cover having a ridge, pairs of poles extending through the sides of the cover the members of the pairs being upon opposite sides of the ridge, a cable or rod connecting the upper ends of the poles of a pair of poles with each other, a sheave held on the said cable or rod, ropes passing over the said sheave and connected with the ridge, and guide pulleys on the said posts for guiding the said ropes down the posts.

5. A tent comprising a cover having a ridge, pairs of poles extending through openings of the cover, the members of each pair being arranged upon opposite sides of the ridge, a cable or rod connecting the upper ends of the poles of a pair of poles with each other, a sheave held on the said cable or rod, ropes passing over the said sheave and connected with the ridge, guide pulleys on the said posts for guiding the said ropes down the posts, a loop engaging the tent cover on opposite sides of the said pole openings, and a rope and tackle suspended on each post outside the tent cover and having one pulley block connected with the said loop.

6. A tent comprising a cover having a ridge, pairs of poles extending through openings of the cover, the members of each pair being arranged upon opposite sides of the ridge a cable or rod connecting the upper ends of the poles of a pair of poles with each other, a sheave held on the said cable or rod, ropes passing over the said sheave and connected with the ridge, guide pulleys on the said posts for guiding the said ropes down the posts, a loop engaging the tent cover on opposite sides of the said pole openings, and a rope and tackle suspended on each post outside the tent cover and having one pulley block connected with the said loop, the tackle ropes and the said ridge suspension ropes passing through the pole openings to the inside of the tent.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ROY KNABENSHUE.

Witnesses:

ELISHA B. SOUTHARD,
GUY H. OLIVER.