

No. 702,567.

Patented June 17, 1902.

D. I. KUHN, Dec'd.
J. L. KUHN, Administrator.
COMBINED FOLDING COT AND TENT.

(Application filed June 5, 1900.)

(No Model.)

2 Sheets—Sheet 1.

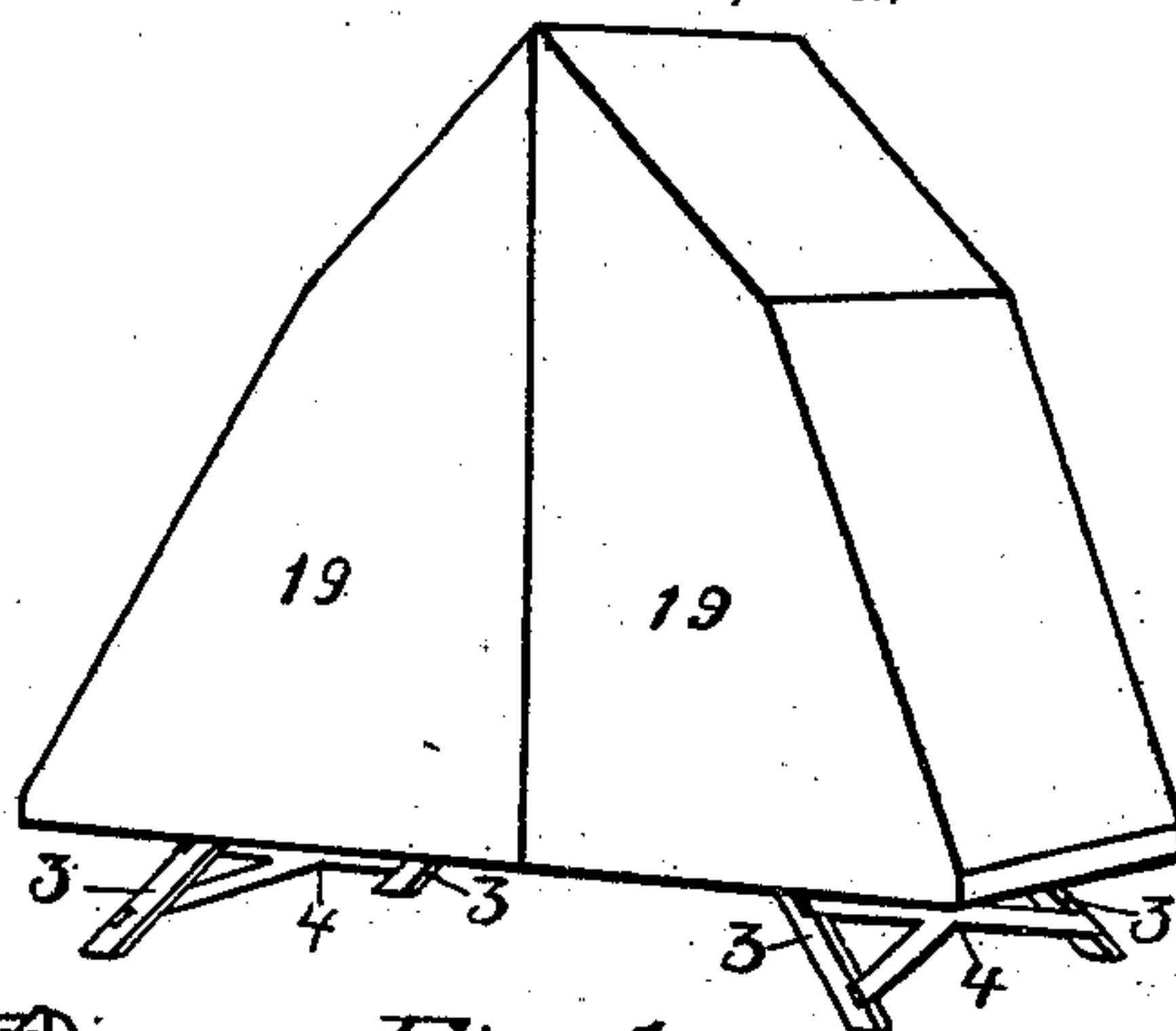


Fig. 1.

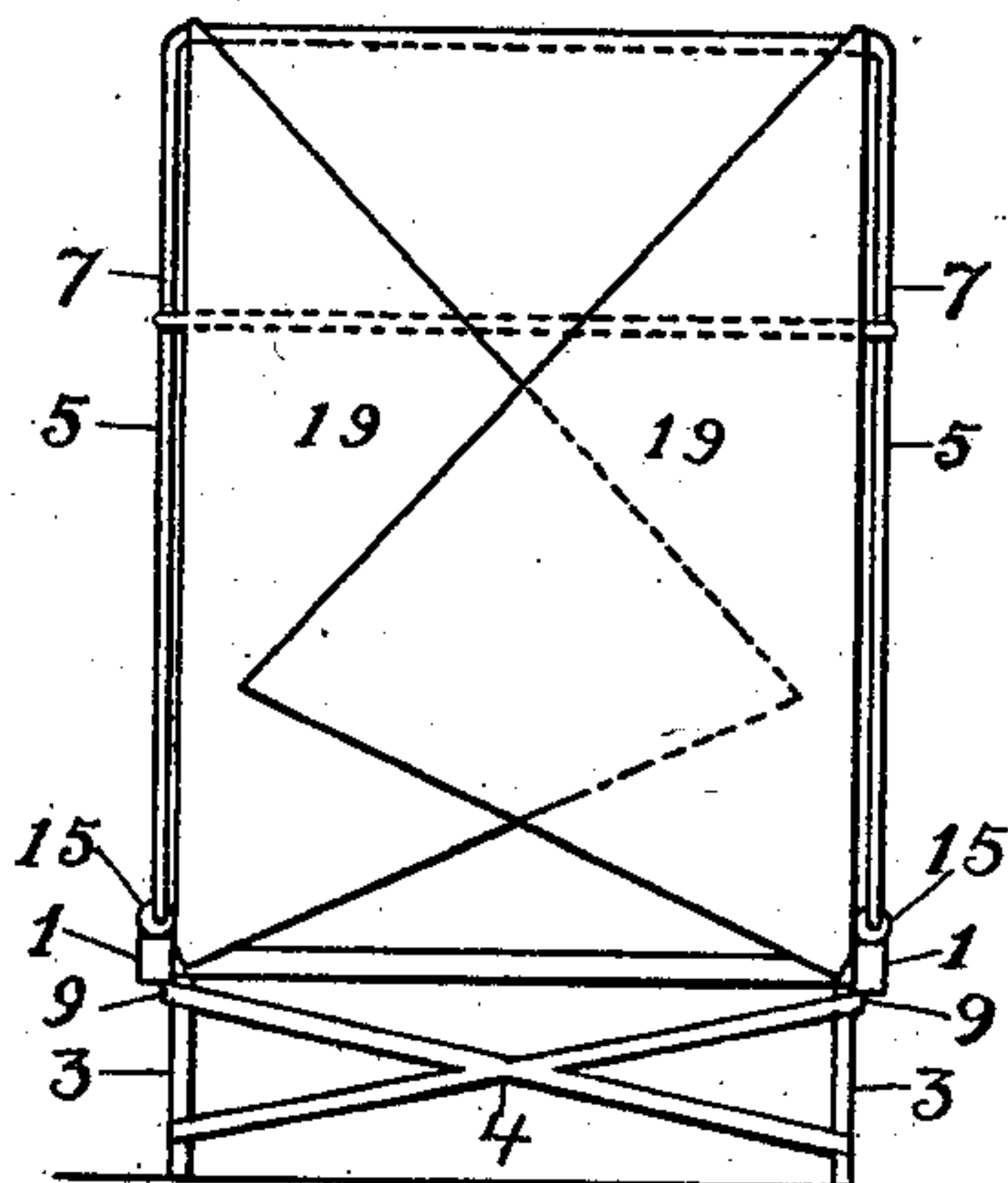


Fig. 2.

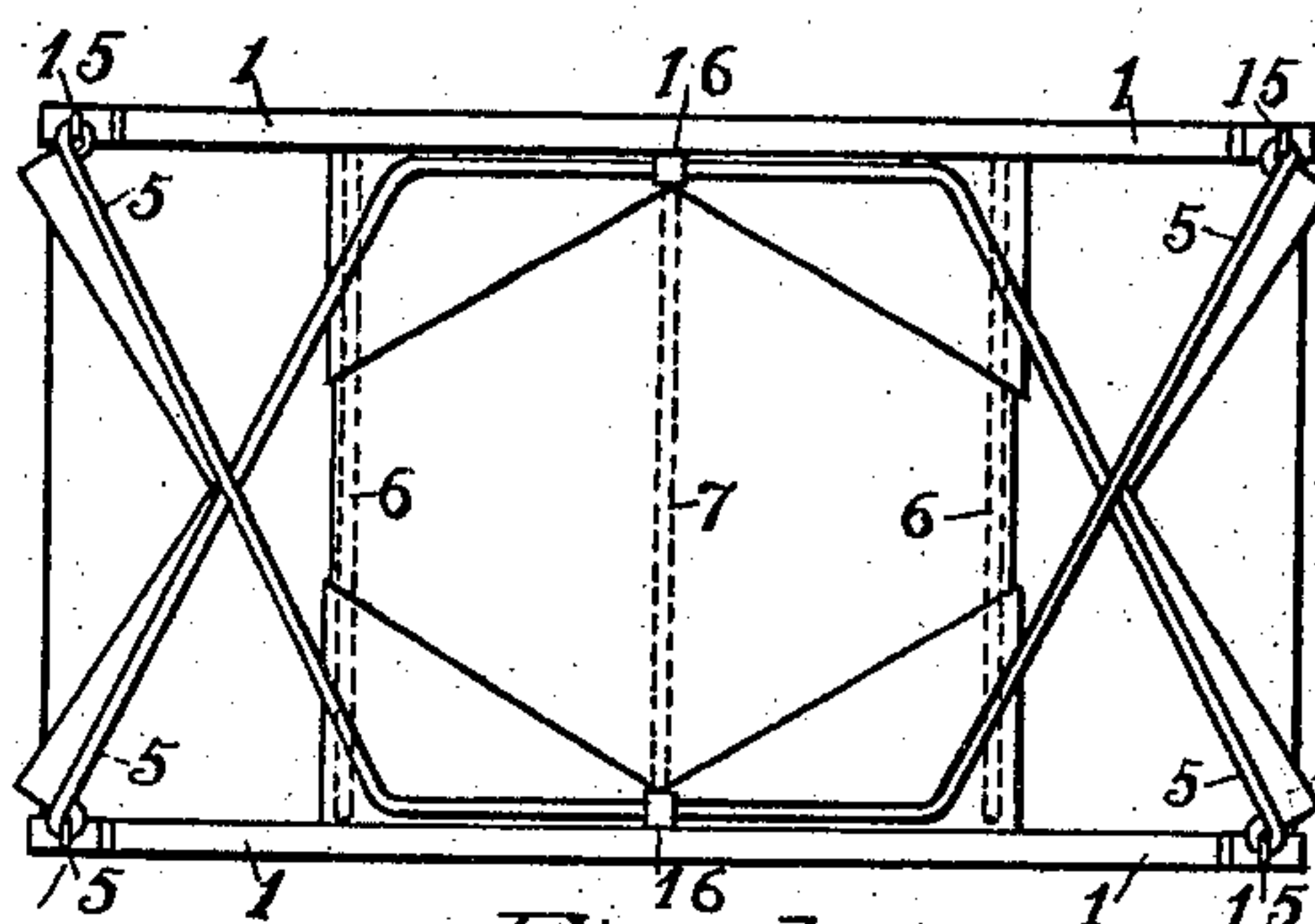


Fig. 3.

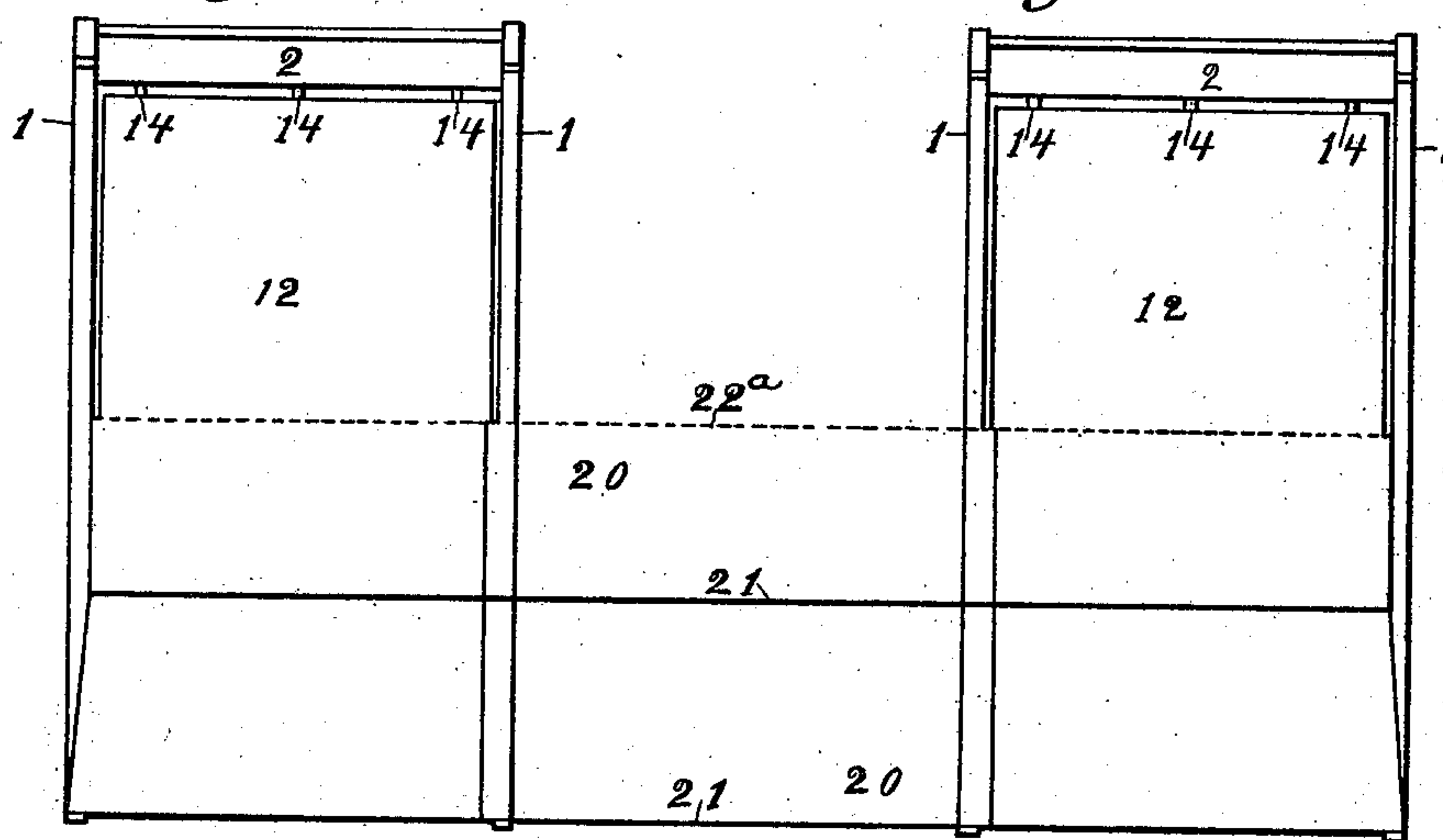


Fig. 4.

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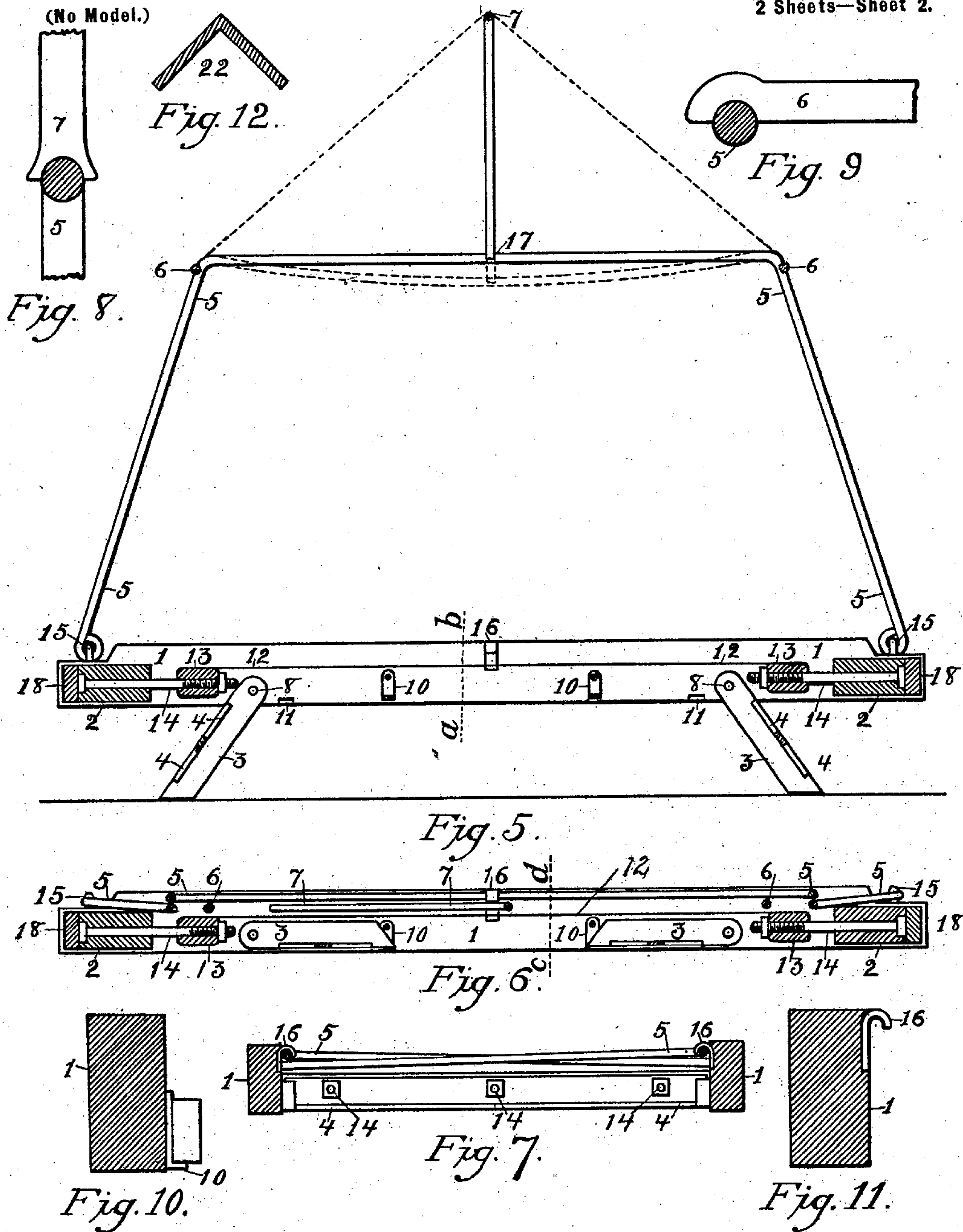
his ATTORNEY.

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WITNESSES:
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UNITED STATES PATENT OFFICE.

DAVID I. KUHN, OF VERONA, PENNSYLVANIA; JOHN L. KUHN ADMINISTRATOR OF SAID DAVID I. KUHN, DECEASED.

COMBINED FOLDING COT AND TENT.

SPECIFICATION forming part of Letters Patent No. 702,567, dated June 17, 1902.

Application filed June 5, 1900. Serial No. 19,153. (No model.)

To all whom it may concern:

Be it known that I, DAVID I. KUHN, a citizen of the United States, residing at Verona, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in a Combined Folding Cot and Tent; and I do 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to a combined folding cot and tent, the objects being to provide a device of the character named which may be readily folded into compact form for transportation and will when in unfolded position provide a comfortable bed supported well above the ground and a firm well-braced shelter-tent.

The construction of the combined cot and tent will be fully described hereinafter in connection with the accompanying drawings, which form part of this specification, and its novel features will be specified and defined in the appended claims.

In the drawings, Figure 1 is a view in perspective of the device in its unfolded position ready for use. Fig. 2 is an end elevation of the same with the side flaps of the tent-cover folded over the ends preparatory to being folded down upon the top of the cot. Fig. 3 is a top plan view showing the tent folded down upon the cot. Fig. 4 is a plan view showing two cots and tents joined together, the upper half of the figure showing the cots and the lower half thereof a portion of the tent-cover. Fig. 5 is a central vertical longitudinal section of the tent and cot in position for use. Fig. 6 is a central vertical longitudinal section of the tent and cot in folded position. Fig. 7 is a transverse vertical section showing the tent and cot folded. Fig. 8 is a detail sectional view showing the manner of supporting the ridge-support upon the side frames of the tent. Fig. 9 is a detail view showing one of the curb-rods of the tent supported upon one of the side frames. Fig. 10 is a detail section on the line *a b* of Fig. 5,

showing one of the legs of the cot secured to one of the side bars of the cot-frame. Fig. 11 is a section on the line *c d* of Fig. 6, showing one of the catches for securing the side frames of the tent; and Fig. 12 is a section through the ridge of the fly shown in Fig. 4.

The frame of the cot comprises parallel side bars 1 and end cross-bars 2, connecting said side bars.

The cot is supported by legs 3, pivotally secured at their upper ends to the inner sides of the side bars 1 and connected in pairs by crossed braces 4, the upper ends 9 of which extend beyond the outer sides of the legs to limit the pivotal movement of the legs in one direction, said ends contacting with the side bars 1, as shown in Fig. 2, when said legs have reached a proper position, thereby preventing a collapsing of the bed in an obvious manner. The lower ends of the legs 3 when the latter are folded up, as shown in Fig. 6, are engaged by pivoted catches 10, and the lower edges of the side bars 1 are formed with recesses 11 to receive the projecting ends 9 of the diagonal crossed braces 4, Fig. 5.

12 designates the bottom of the cot, consisting of a sheet of canvas or other suitable fabric, the ends of which are permanently secured to adjustable cross-bars 13, connected to the cross-bars 2 of the cot by screw-bolts 14, the heads of which rest in recesses formed on the outer sides of the bars 2, while their inner threaded ends, which extend through the bars 13, are provided with nuts, by means of which the bars 13 are adjusted to tension the bottom 12 when it becomes slack from use.

The side supports of the tent consist of frames or bails 5, the ends of which are pivotally secured to the frame of the cot, as shown at 15. These frames 5 are adapted to be folded down, overlapping each other, as best shown in Fig. 3, and to be held in this position by hooks 16, projecting from the side bars 1 of the cot-frame.

The tent-cover is supported by the pivoted bails 5 and by curb-rods 6 and a ridge frame or bail 7. The horizontal portion of the bail 7 may be secured to the tent-cover, and the depending ends of said bail are forked to engage the horizontal portions of the folding

bails or frames 5, as shown in Figs. 5 and 8. The curb-rods 6 may be also secured to the tent-cover and are recessed at their ends, as shown in Fig. 9, to adapt them to fit upon the bails 5.

The tent-cover is secured in any suitable manner at each end of the cot-frame to transverse bars 18, which are screwed or bolted in an obvious manner to the outer sides of the bars 2.

The upper portion or ridge of the tent-cover is tightly distended by turning the ends of the ridge-bail 7 down against the bails 5, the connection between the forked ends of the bail 7 tending to spring the horizontal portions of said bails 5 downward, as indicated by dotted lines in Fig. 5, thus supporting the cover firmly above the bails or frames 5, which latter are sufficiently resilient to permit of this movement and to compensate for slack or tension of the cover.

To fold the tent, the side flaps 19 are turned back over the roof of the tent, as shown in Fig. 2, and the rods 6 and bail 7 are disengaged from the bails 5 to permit the cover to be folded down upon the cot. The two bails 5 are then folded down and snapped under the fastenings 16 to firmly bind the tent-cover upon the cot.

In order to provide more room, the arrangement illustrated in Fig. 4 may be resorted to—that is to say, two cots and tents may be placed side by side at a short distance apart, and the space between them may be closed by a fly 20, or a single cover may be used with cross-rods and a ridge-support in a manner similar to the curb-rods 6 and bail 7, the position thereof being indicated at the points 21 and 22^a in Fig. 4, the ridge-support preferably used being shown in Fig. 12 and designated by the numeral 22.

It will be apparent that my improved construction provides ready means for folding and unfolding the tent and cot and also for

tensioning or bracing the same to insure a firm and secure structure.

I claim—

1. In a combined tent and cot, the combination with the cot-frame, of bails pivotally secured thereto and adapted to overlap each other; means for securing said bails in folded position, and braces for supporting the tent-cover above said bails.

2. In a combined tent and cot, the combination with the side bars of the frame, formed with recesses on their inner sides; of legs pivotally secured to said side bars, and connected in pairs by crossed braces, the upper ends of which project beyond the legs to support the side bars; and catches for securing the free ends of the legs.

3. In a combined tent and cover, the combination with the cot-frame, of a tent-frame comprising overlapping pivoted bails; a bail secured to the ridge of the tent-cover, and adapted to rest upon said pivoted bails; cross-braces also secured to the tent-cover and adapted to rest upon the pivoted bails; and means for securing the bails in their overlapping or folded position.

4. In a combined tent and cot, the combination with the cot-frame, of a tent-cover the ends of which are secured to the ends of said cot-frame; folding frames or bails pivotally secured to the cot-frame and adapted to overlap each other when folded; a ridge-support comprising a bail having forked ends to engage the folding bails; and cross-rods recessed to fit upon said pivoted bails; and devices for securing the pivoted bails in folded position.

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

DAVID I. KUHN.

Witnesses:

W. D. HOUGHTELIN,
J. L. KUHN.