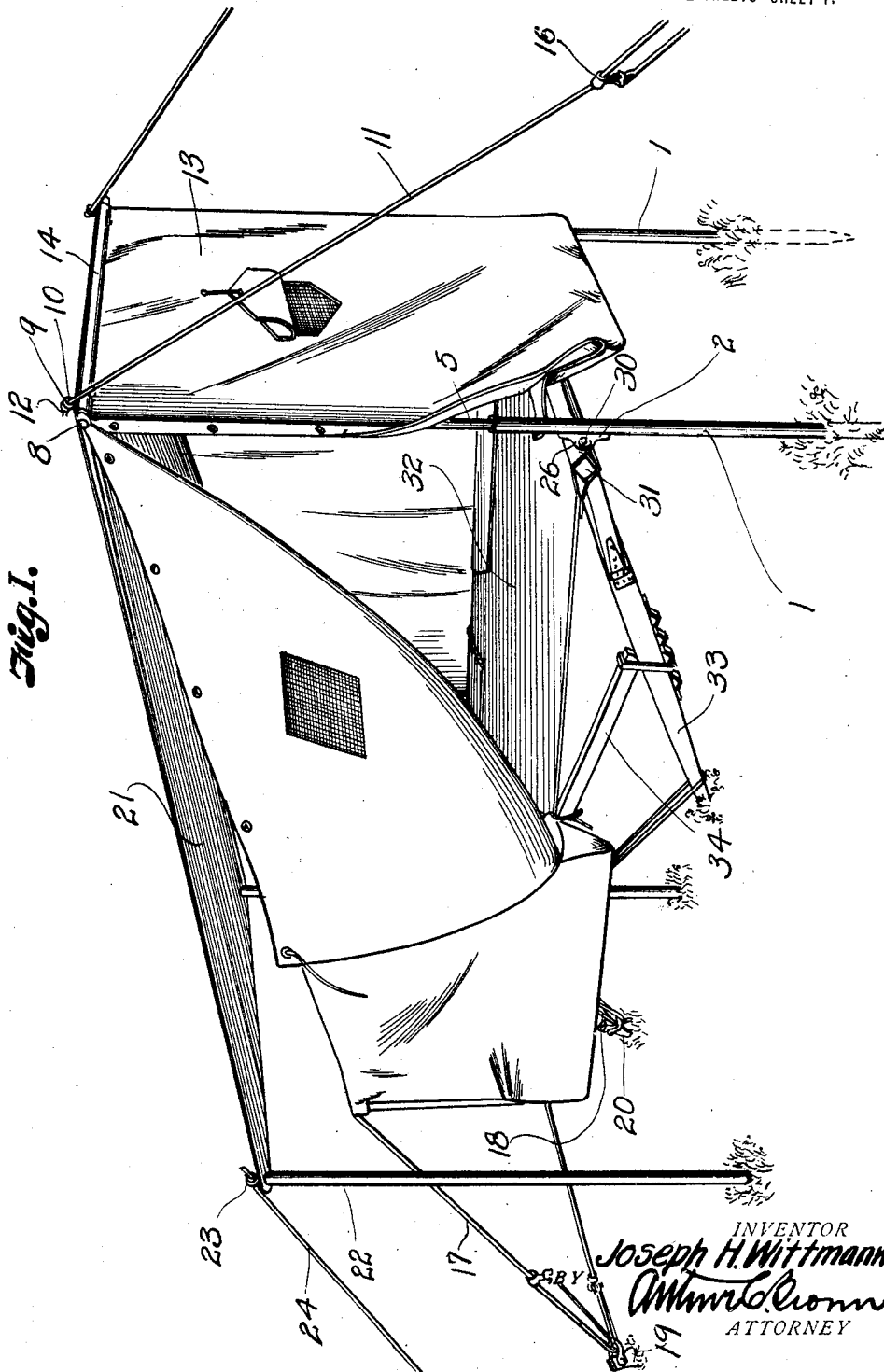


J. H. WITTMANN.
TENT,
APPLICATION FILED JAN. 5, 1920.

1,412,302.

Patented Apr. 11, 1922.

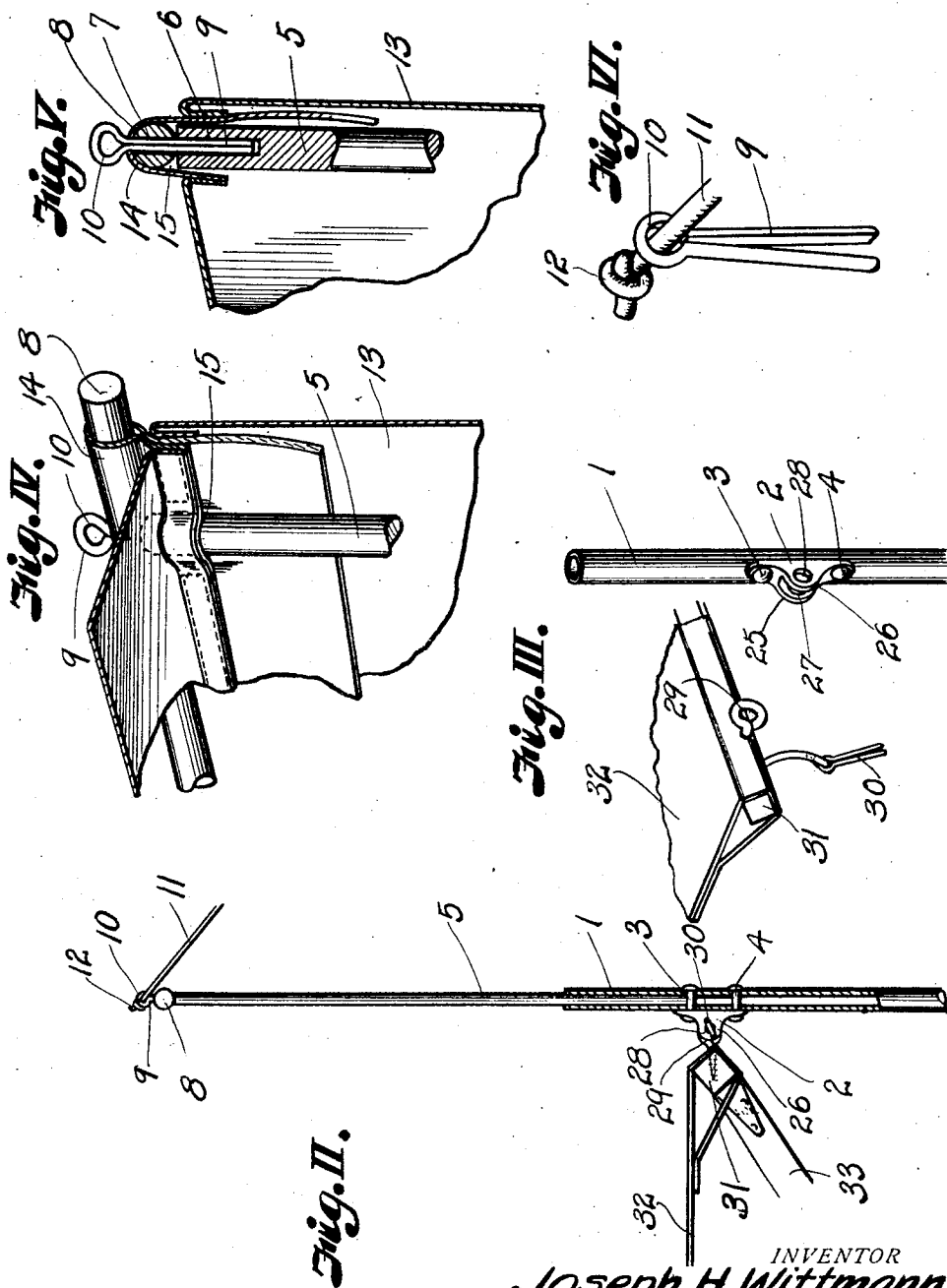
2 SHEETS—SHEET 1.



1,412,302.

Patented Apr. 11, 1922.

2 SHEETS—SHEET 2.



INVENTOR
Joseph H. Wittmann.
BY *Anton C. Brown*
ATTORNEY

UNITED STATES PATENT OFFICE.

JOSEPH H. WITTMANN, OF KANSAS CITY, MISSOURI.

TENT.

1,412,302.

Specification of Letters Patent. Patented Apr. 11, 1922.

Application filed January 5, 1920. Serial No. 349,373.

To all whom it may concern:

Be it known that I, JOSEPH H. WITTMANN, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Tents; 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 letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to tent constructions and particularly to the uprights or tent poles.

Usually the tent poles or uprights are provided with spikes on the ends which are adapted to pass through openings in the ridge poles, the canvas, or both, a disadvantage of such a construction being that during transportation, the sharp pointed spikes catch in the canvas of the tent and tear it so that the life of the tent is materially lessened.

According to my invention, means is provided whereby the tent may be easily attached to the tent pole or poles, but when detached, will leave no sharp points or prongs to tear the tent.

The invention also contemplates use of the tent pole or poles as an anchor or support for a tent bed.

In the drawings,

Figure I is a perspective view of a tent constructed in accordance with my invention, showing the tent poles and ridge poles in their proper relation and supporting the tent canvas.

Fig. II is a view partly in section and partly in elevation of a sectional tent pole constructed in accordance with my invention.

Fig. III is a view of the lower portion of a tent pole, showing means for connecting the tent bed or cot thereto.

Fig. IV is a perspective view of a portion of the tent pole and a portion of the ridge pole, a fragment of the canvas being shown in sectional perspective.

Fig. V is a vertical, longitudinal, sectional view through a tent pole, a ridge pole being shown in cross section and fastened thereto, and

Fig. VI is a detail view of a fastening device.

Referring now to the drawings by numerals of reference:

1 designates the base section of a tent pole, illustrated in Fig. II as substantially tubular in form and provided with a bracket 2 fastened thereto by fastening devices 3 and 4, extending through the bracket and transversely through the tubular member 1, the upper fastening device designated 3, serving as a stop or rest for the upper section 5 of the tent pole, which is telescoped within the member 1. The upper member 5 of the tent pole, which is illustrated as consisting of a rod, is provided at its upper extremity with an elongated, longitudinally extending recess 6 adapted to align with a transversely disposed opening or recess 7 in the ridge pole 8, the aligning recesses being adapted to receive a fastening device illustrated as a cotter pin 9, which may be passed through the ridge pole and into the recess in the tent pole, as clearly indicated in Fig. V, whereby the two poles may be efficiently secured together to perform their usual functions. I prefer to employ a cotter pin with an eye which is adapted to receive a guy rope 11, at one end of which is shown a knot 12, said knot serving to prevent accidental disconnection between the guy rope 11 and the cotter pin so that the introduction of the cotter pin into the openings 7 and 6 will connect the guy ropes to the tent and the withdrawal of the cotter pin will disconnect the guy ropes, it being apparent that the tent may be readily set up and knocked down by introducing the cotter pins or withdrawing them whenever it may be found expedient.

The canvas or tent cover 13 is provided at one edge with a hem 14 through which the ridge pole may pass so that the tent canvas will be efficiently secured to the frame formed by the tent poles and ridge poles. The tent pole is adapted to pass through

a loop 15 to permit the opening 6 to align with the opening 7, as clearly indicated in Figs. IV and V. In this manner a substantially unitary structure is provided.

5 From the drawings, in connection with the description, it will be apparent that when it is desired to set up a tent, the tent poles may be set into or upon the ground, the ridge pole placed through the hem and the open-
10 ings 6 and 7 caused to align, after which the cotter pins may be put in place, as shown in Fig. I. If the tent pins have already been driven, the draw keys 16 may be slid
15 on the guy ropes 11 so that there will be sufficient slack to permit the introduction of the cotter pins, then the slack may be taken up, it being understood that the other end of the tent is supported by guy ropes 17
20 and 18, secured by any suitable means to the rear end of the covering 13 connected by the anchors or tent pins 19 and 20.

If desired, a tent fly 21 may be used but this constitutes no part of my present invention although the uprights 22 devoid of
25 a ridge pole may receive a cotter pin 23 on a guy rope 24 to permit the fly to be drawn taut, it being understood that it is desirable that there be no spurs, spikes or projections in the tent pole construction by means of
30 which the canvas can be torn.

The brackets 2 are provided with bifurcated portions 25 and 26 having aligning transverse openings 27 and 28 and between
35 the bifurcated portions a screw eye 29 is adapted to be introduced and secured by the cotter pin 30. The screw eye is carried by the rigid cross bar 31 of a tent bed or cot 32, the specific construction of which
40 constitutes no part of my invention but the bracket 2 serves a dual purpose, that is, it supports the bed at one end and the means for securing it to the tent pole and also serves as a stop for the section 5 to which
45 the ridge pole is attached.

From the foregoing it will be apparent that the tent may be readily set up and knocked down as the occasion may demand and that during transportation, there will
50 be no liability of the canvas becoming torn on account of projecting spikes or sharp points, as is usually the case with tent poles as ordinarily constructed. It will also be observed that the sectional tent pole may be
55 readily set up and may be conveniently constructed of tubing and rods, the bracket fastening means serving as a stop for the upper section or rod, as heretofore explained.

It is also apparent that when the tent
60 poles are driven in the ground, they will not only efficiently support the tent canvas but will also serve as efficient supports for the bed, the lower members 1 in Fig. I constituting a two-point suspension for the
65 bar 31 to prevent any rocking movement

thereof in a lateral direction and the leg 33 and strut 34 supporting the opposite end of the sheet 32 as fully described in my patent No. 1,278,276, granted to me September 10, 1918.

If desired, the ridge poles 8 may be dispensed with and instead I may stretch the canvas between the poles 1—1 in Fig. I, through the medium of the guy ropes 11, therefore, although the ridge poles are illus-
75 trated as part of the combination, I reserve the right to dispense with them wherever found expedient. In such an event, the cotter pins 8 will be introduced into the recesses 6 in substantially the same manner
80 as is described in connection with Figs. IV and V, the essential difference being that the ridge poles will be omitted.

What I claim and desire to secure by Letters-Patent is:

1. In combination, a tent pole having a longitudinal recess in its upper end, a tent canvas having a hem along one edge there-
90 of, and provided in the hem with an opening a ridge pole confined within said hem and having a recess passing therethrough
95 aligning with the opening in the hem, and a fastening device passing through the opening in the hem, the opening in the ridge pole and insertable into the recess of the
tent pole.

2. In combination, a tent pole having a longitudinal recess in its upper end, a tent canvas having a hem along one edge there-
100 of, and provided in the hem with an opening a ridge pole confined within said hem and having a recess passing therethrough
105 aligning with the opening in the hem, a fastening device passing through the opening in the hem, the opening in the ridge pole and insertable in to the recess of the
tent pole, and a guy rope connected to said fastening device.

3. In combination, a tent pole comprising a lower tubular section and an upper section
110 receivable within the lower section, a bed bracket connected to the lower section, and a fastening means for the bed bracket extending through the lower section to serve
115 as a stop for the upper section of the tent pole, said upper section being supported upon the said fastening means.

4. In combination, a tent pole comprising a lower tubular section and an upper section
120 receivable within the lower section, a bed bracket connected to the lower section, at the inside thereof a fastening means for the bed bracket extending through the lower section to serve as a stop for the
125 upper section of the tent pole, said upper section being supported by the said fastening means the upper end of said tent pole having a longitudinal recess, a ridge pole, and means insertable in the recess to secure the ridge pole to the tent pole.

70

75

80

85

90

95

100

105

110

115

120

125

130

5. In combination, a tent pole comprising a lower tubular section and an upper section received within the lower section, a bed bracket arranged at the inner side of the lower section, a transverse fastening device piercing the lower section and securing the bed bracket to the same, said fastening device supporting the upper section of the tent pole and a guy rope arranged at the outside of the tent pole and connected with the upper end of the upper section. 10

In testimony whereof I affix my signature.

JOSEPH H. WITTMANN.