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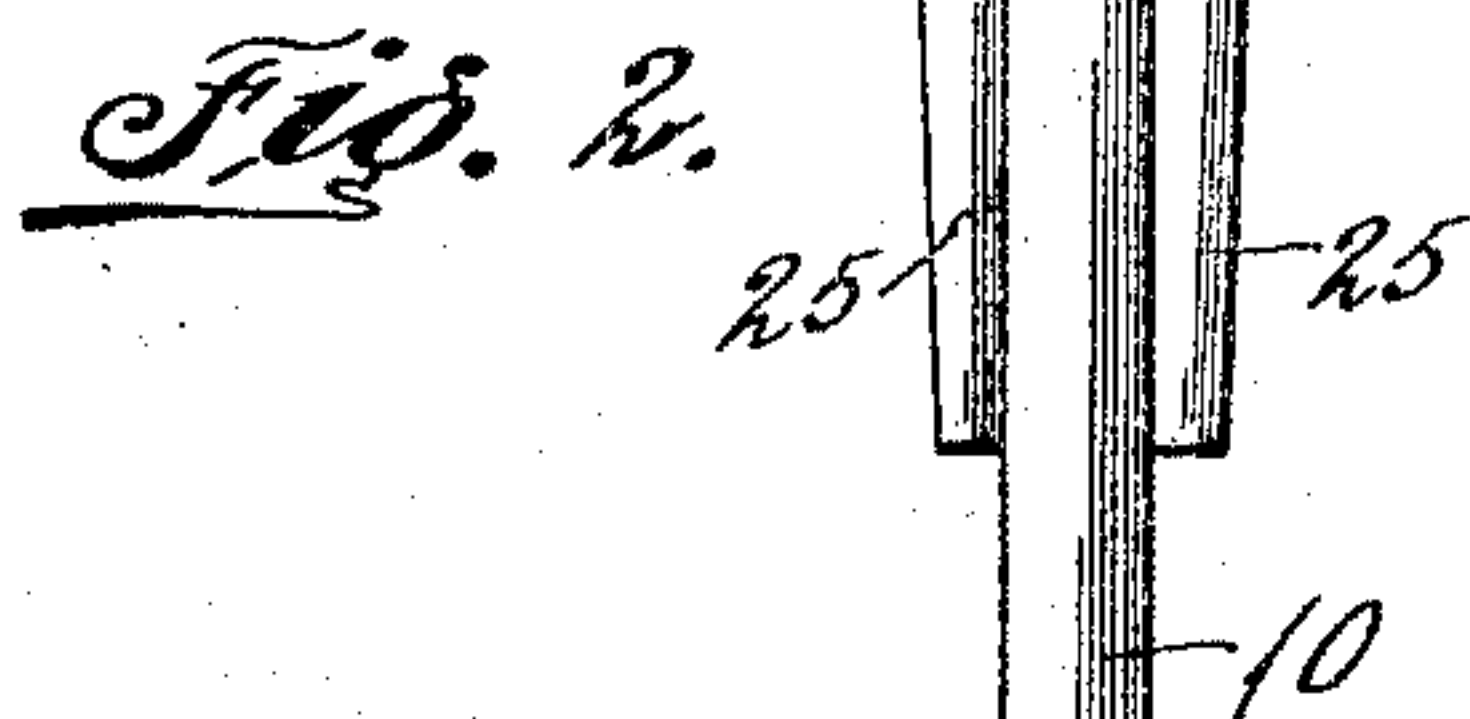
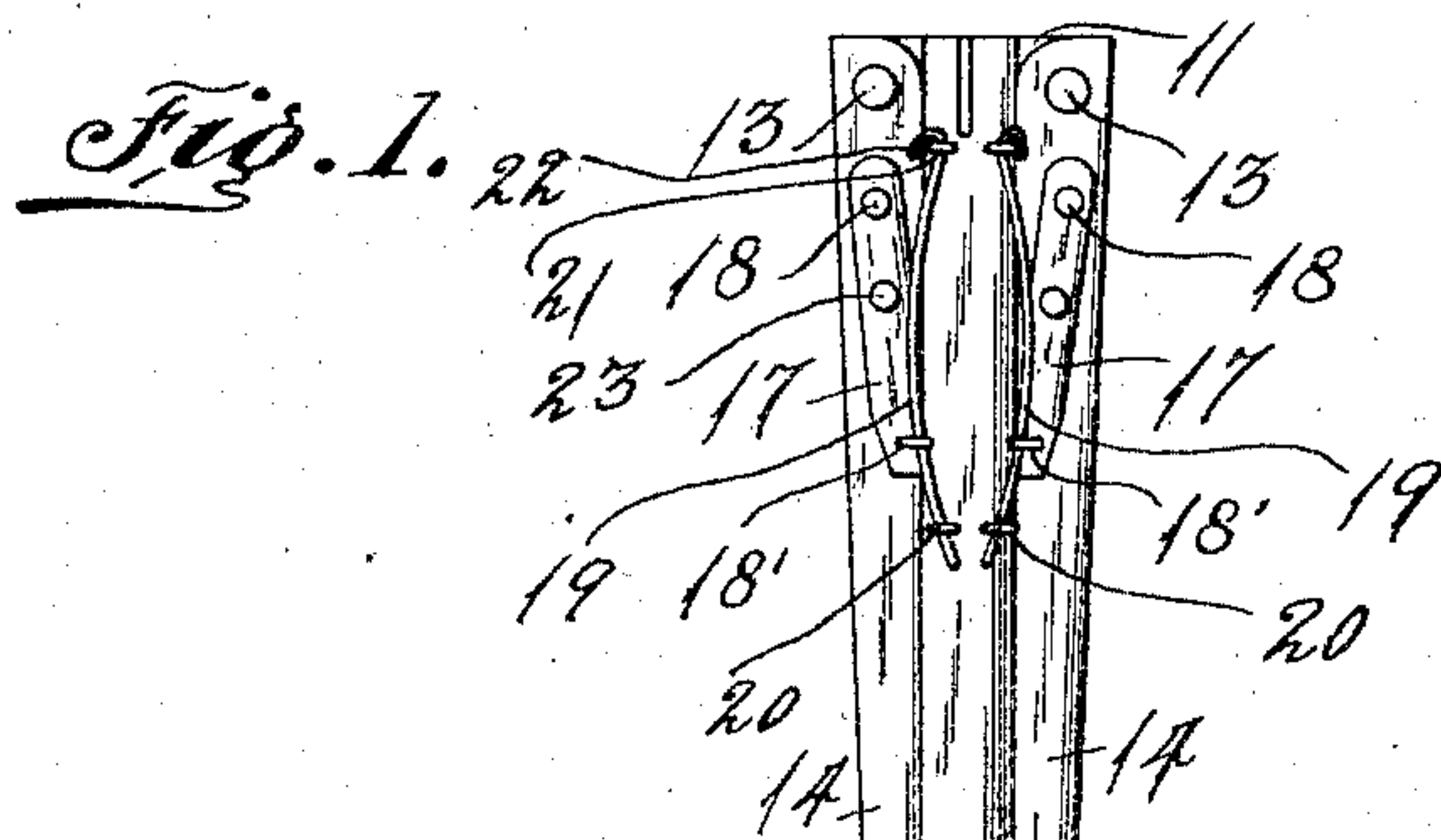
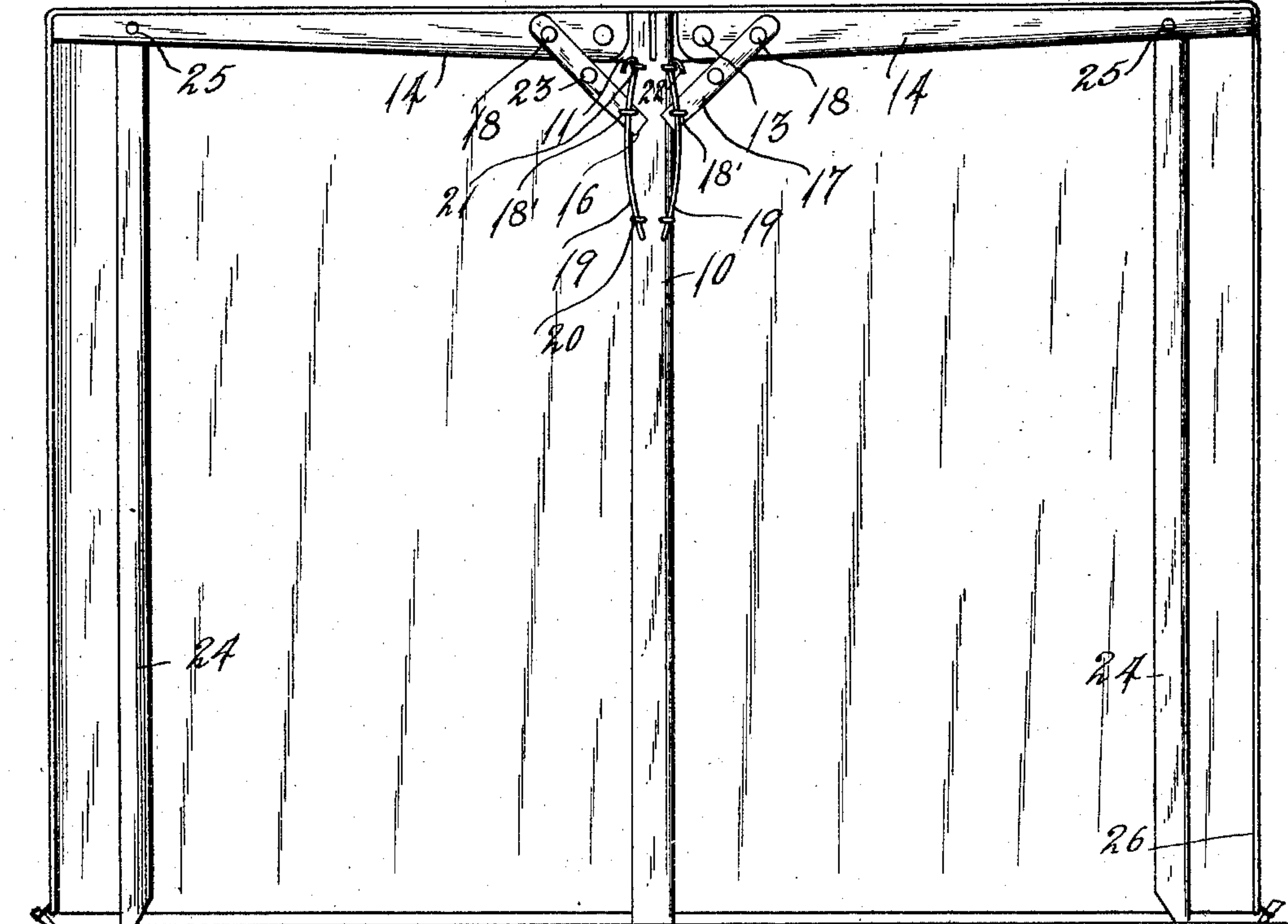
FOLDING TENT.

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928,448.

Patented July 20, 1909.

2 SHEETS—SHEET 1.



Witnesses  
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Fig. 4.

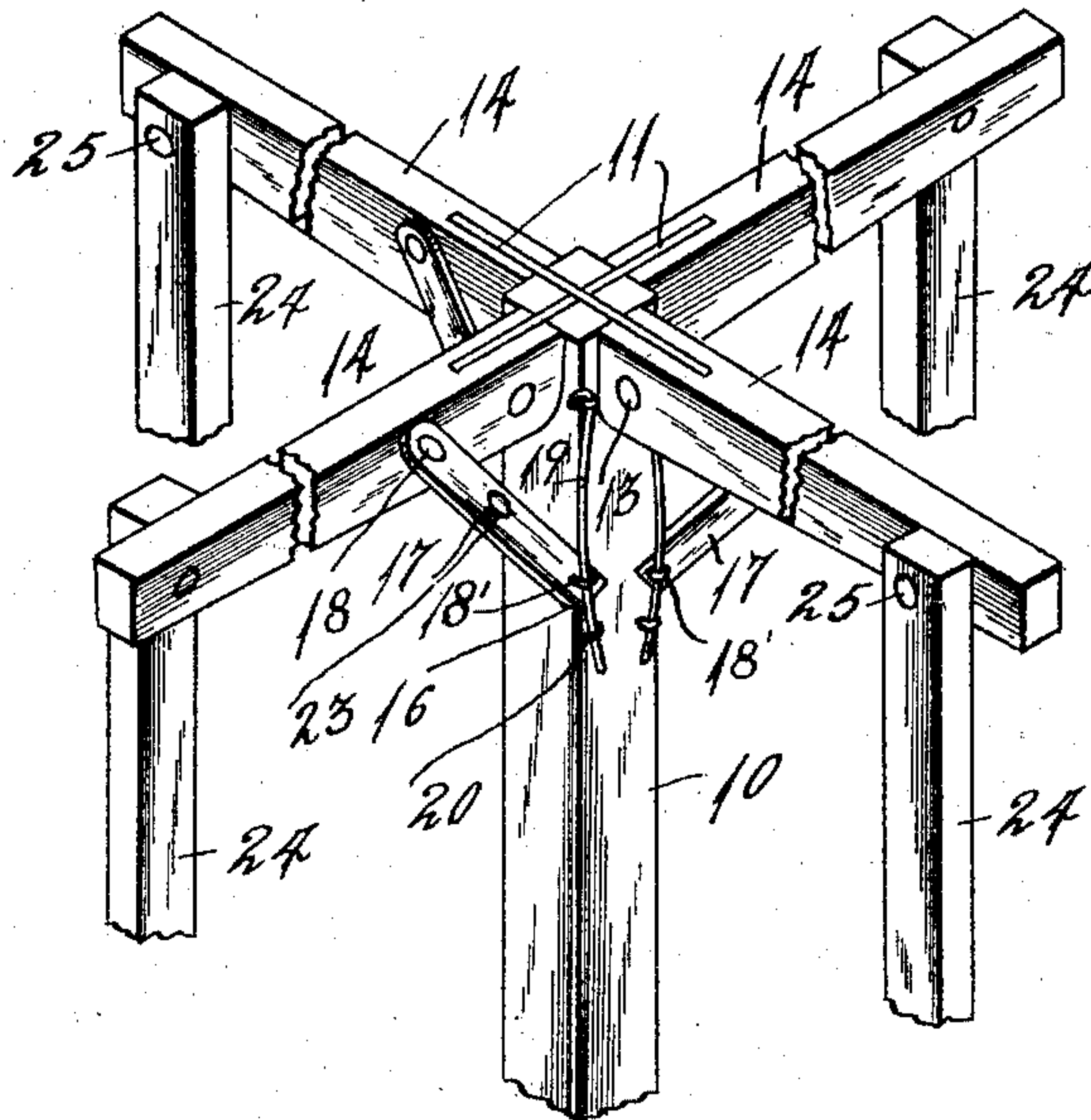
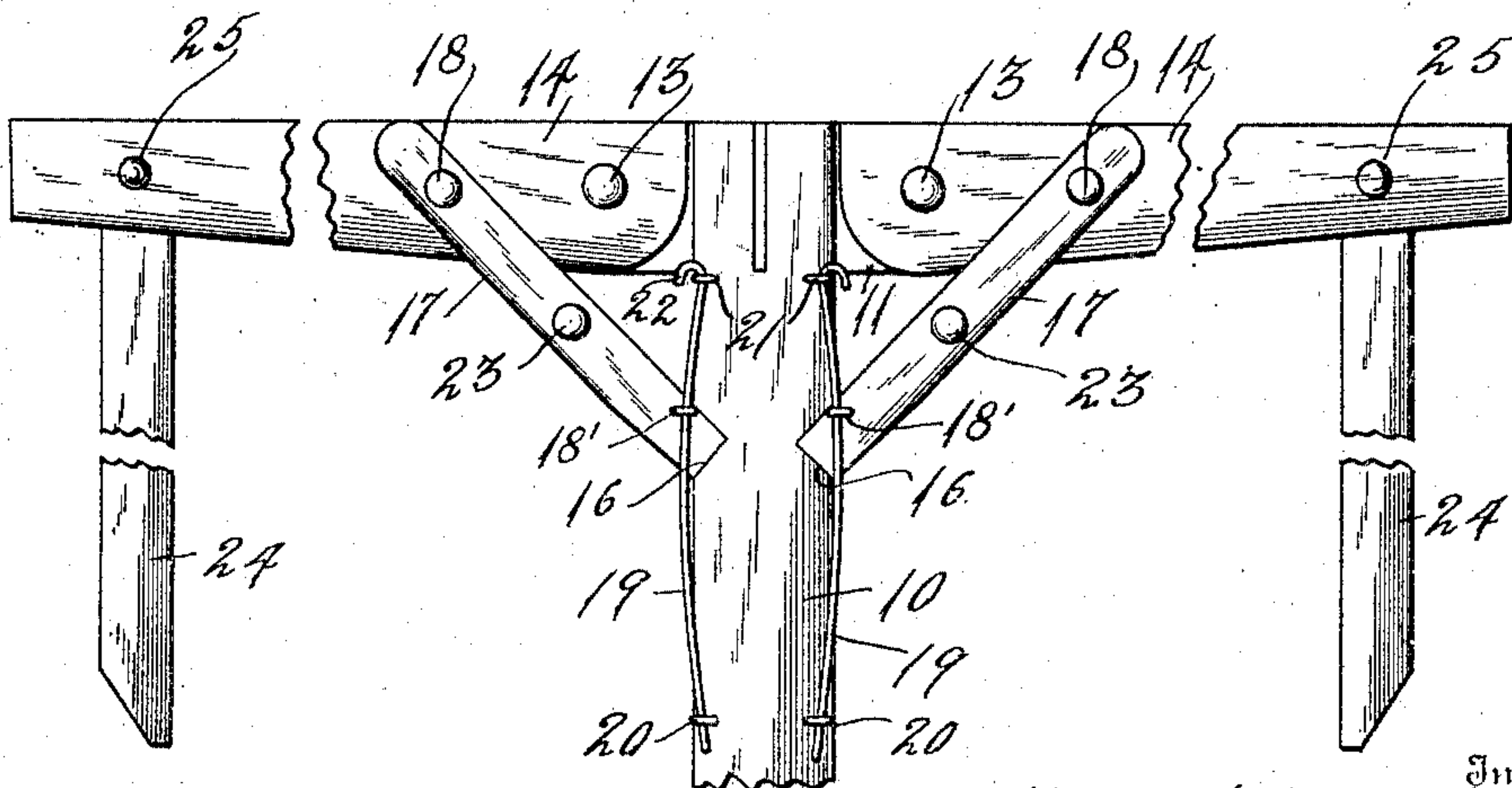


Fig. 5.



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# UNITED STATES PATENT OFFICE.

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## FOLDING TENT.

No. 928,448.

Specification of Letters Patent.

Patented July 20, 1909.

Application filed February 16, 1909. Serial No. 478,165.

*To all whom it may concern:*

Be it known that I, HARRY G. HERGELROTH, a citizen of the United States, residing at Middletown, in the county of Dauphin, State of Pennsylvania, have invented certain new and useful Improvements in Folding Tents; and I do hereby 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.

This invention relates to tents and canopies and has special reference to a folding tent or canopy.

The principal object of the invention is to provide a novel form of standard for use in connection with a folding tent or canopy.

Another object of the invention is to provide a novel means for holding a brace member in operative relation to a standard in such a device.

With the above and other objects in view, as will be hereinafter apparent, the invention consists in general of a standard provided with folding rafter members and a novel arrangement of bracing for said rafters.

The invention further consists in certain details of construction and combinations of parts hereinafter fully described, illustrated in the accompanying drawings, and specifically set forth in the claims.

In the accompanying drawings, like characters of reference indicate like parts in the several views, and:—Figure 1 is an end view of a tent provided with this invention, the end wall being removed to show the construction; Fig. 2 is a view of the standard and its connected members folded, the view being taken in the same plane as in Fig. 1; Fig. 3 is an enlarged detail view of the head of one of the standards. Fig. 4 is a modification showing a single standard arranged to support a square tent.

The numeral 10 indicates the standard or upright pole. At the upper end of this standard is held, in the form shown in Figs. 1 to 3, a single plate 11, while in the form shown in Fig. 4 there are two of these plates preferably arranged at right angles. In all of these forms the plate projects beyond the standard 10 and is provided on each side of the standard with suitable perforations each of which receives a bolt 13 which forms the pivot for a rafter member 14. In the form shown in the first three figures two of the standards 10 are employed and these are

spaced apart by means of the ordinary ridge pole not being necessary here to be shown while in the form shown in Fig. 4 no ridge pole is employed but in place thereof there are four rafter members attached to a single standard 10. In both of the forms the standard 10 is provided with a notch 16 for each of the rafter members and a brace 17 is pivoted to each of the rafter members as indicated at 18, the free end of the members being adapted to enter the notch 16. Upon the free end of each brace is a loop or eye 18' wherethrough passes a spring 19, one end of which is secured as at 20 to the standard 10, while the other end passes through a loop 21 and is re-bent as indicated at 22 to prevent disengagement therefrom. This spring is so arranged that the free end of the brace 17 is at all times held firmly against the standard 10. It will be noted from this construction that when the rafter member 14 is raised the free end of the member 17 will be forced into its respective notch 16 as soon as the rafter member shall have been raised to the proper height, and that the spring 19 will hold this free end firmly in the notch until withdrawn manually.

For the purpose of withdrawing the free end of the member 17 there is provided a knob 23 located on said member, and for the purpose of supporting the outer end of the rafter members, as well as to aid in raising the same, a strut 24 is pivoted as at 25 to the outer end of each of said members.

When the device has been raised it is intended that it shall be covered with suitable tent fabric as indicated at 26.

In all of the claims it will be noted that the construction is substantially the same and that there has been provided a simple and efficient device of the character described and for the purpose specified.

It is obvious that many minor changes may be made in the form and construction of this invention without departing from the material principles thereof. It is not, therefore, desired to confine the invention to the exact form herein shown and described but it is wished to include all such as properly come within the scope of the appended claims.

Having thus described the invention what is claimed as new, is:—

1. In a folding tent, a standard provided with a notch, a rafter pivotally attached to the upper end thereof, a brace member piv-



oted to said rafter, and resilient means forcing the free end of said members against the standard to cause said end to enter the notch when the rafter is raised.

5 2. In a folding tent, a standard provided with a notch, a rafter pivotally attached to the upper end thereof, a brace member pivoted to said rafter, an eye on the free end of said member and a spring mounted on the  
10 standard and passing through the eye to force the free end of said member against the standard and cause said end to enter the notch when the rafter is raised.

15 3. In a folding tent, a standard provided with a plurality of notches, rafters pivotally attached to the upper end of said standard, a brace member pivoted to each of said rafters intermediate its ends, an eye on the free end of each of said braces, springs rigidly at-  
20 tached to said standard each passing through

the eye on its respective brace member and other eyes on said standard engaging the free ends of the respective springs.

4. In a folding tent, a standard provided with a plurality of notches, rafters pivotally 25 attached to the upper end of said standard, a brace member pivoted to each of said rafters intermediate its ends, an eye on the free end of each of said braces, springs rigidly attached to said standard each passing through the  
30 eye on its respective brace member and struts pivotally attached to the outer end of the respective rafters.

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

H. G. HERGELROTH.

Witnesses:

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M. J. BARR.