

No. 751,392.

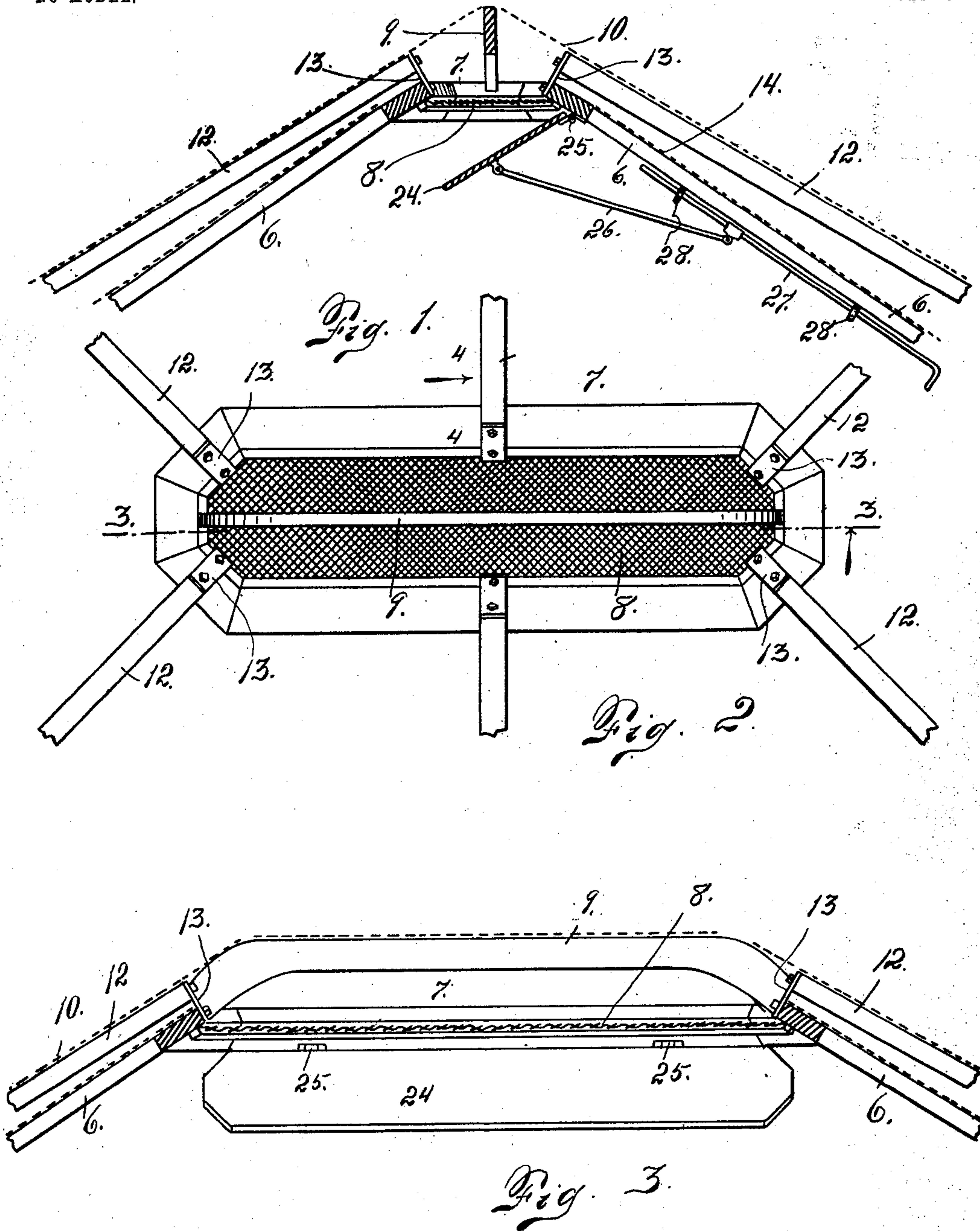
PATENTED FEB. 2, 1904.

R. S. GUTSHALL.
TENT.

APPLICATION FILED SEPT. 12, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses
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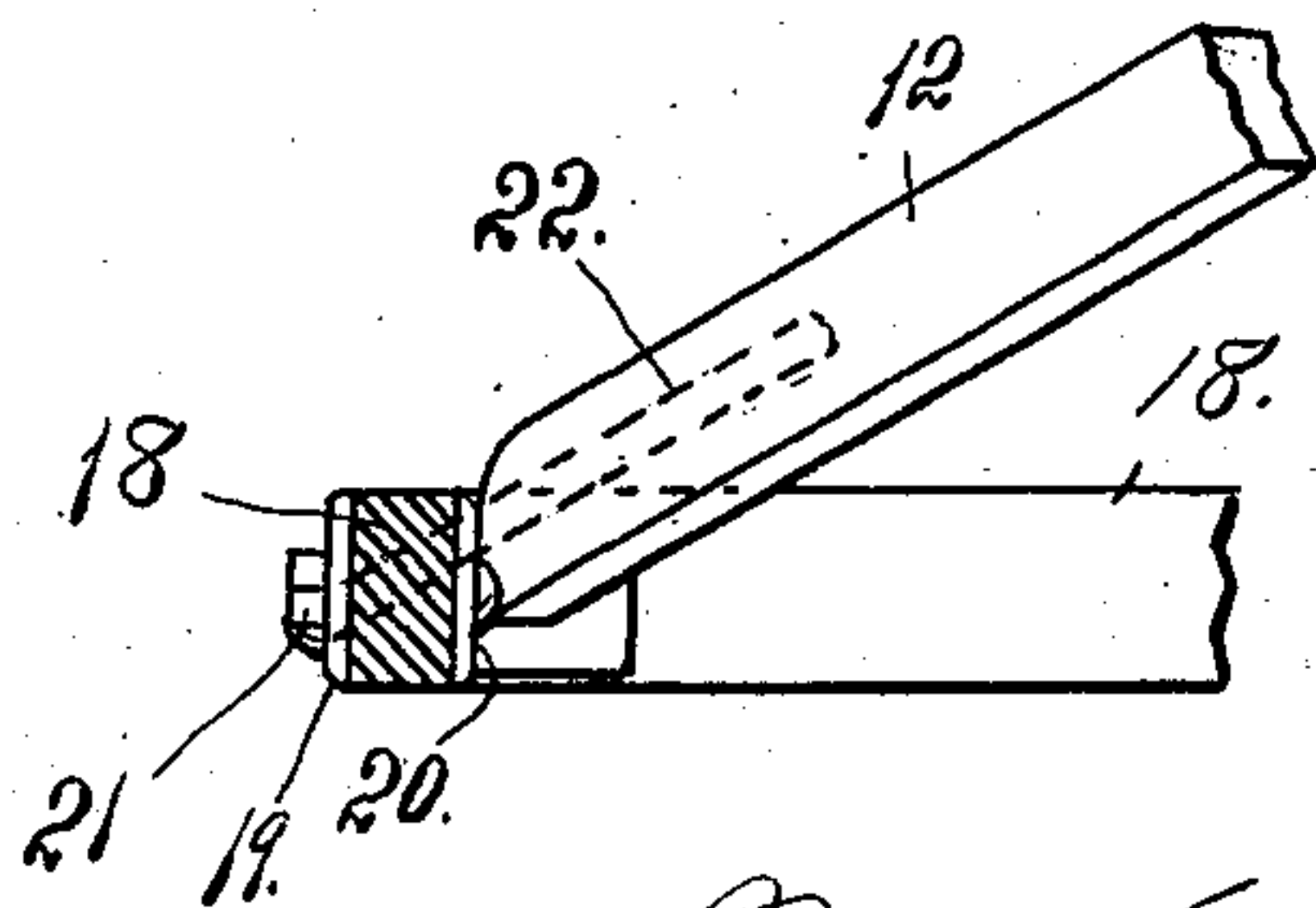
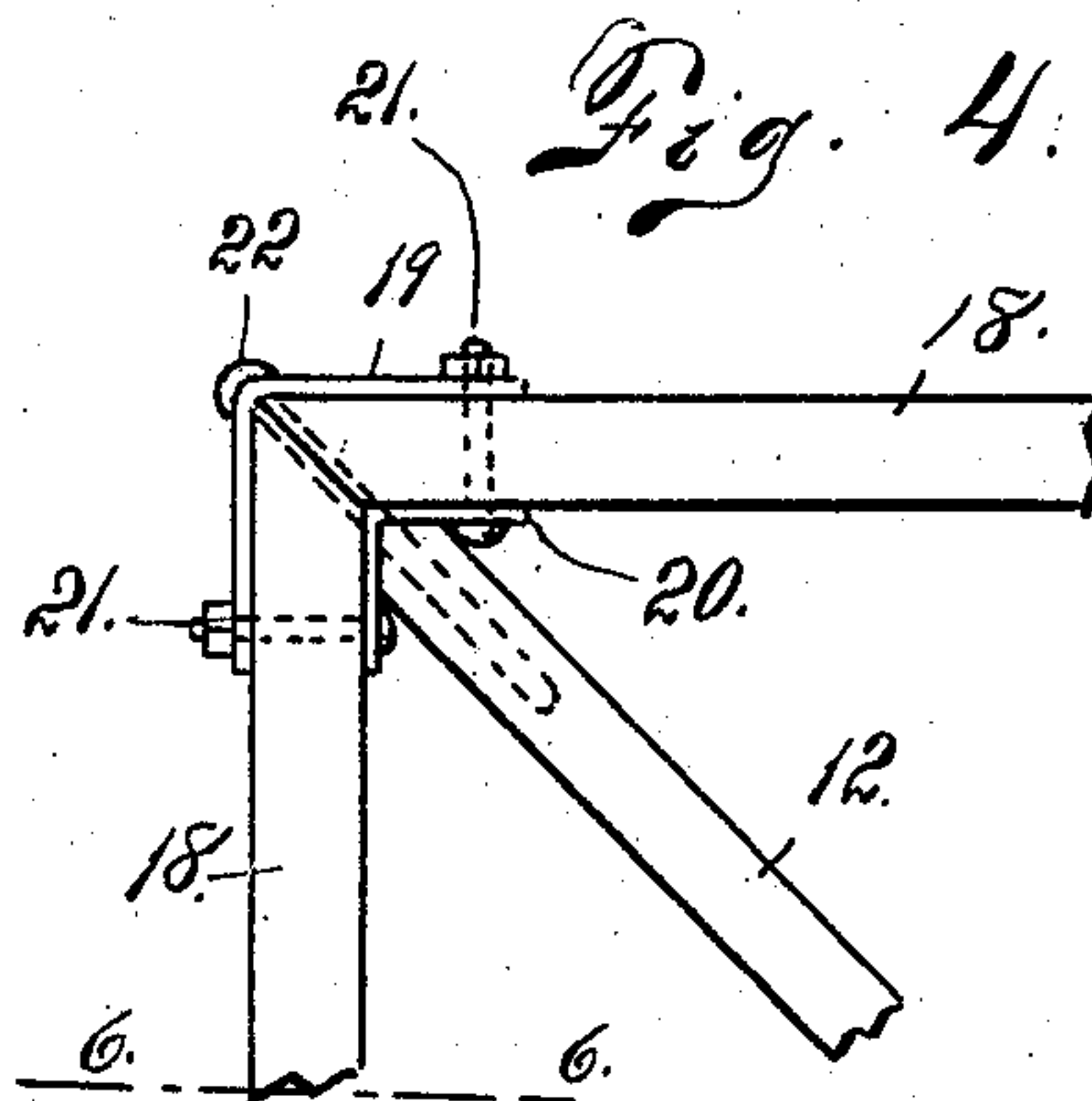
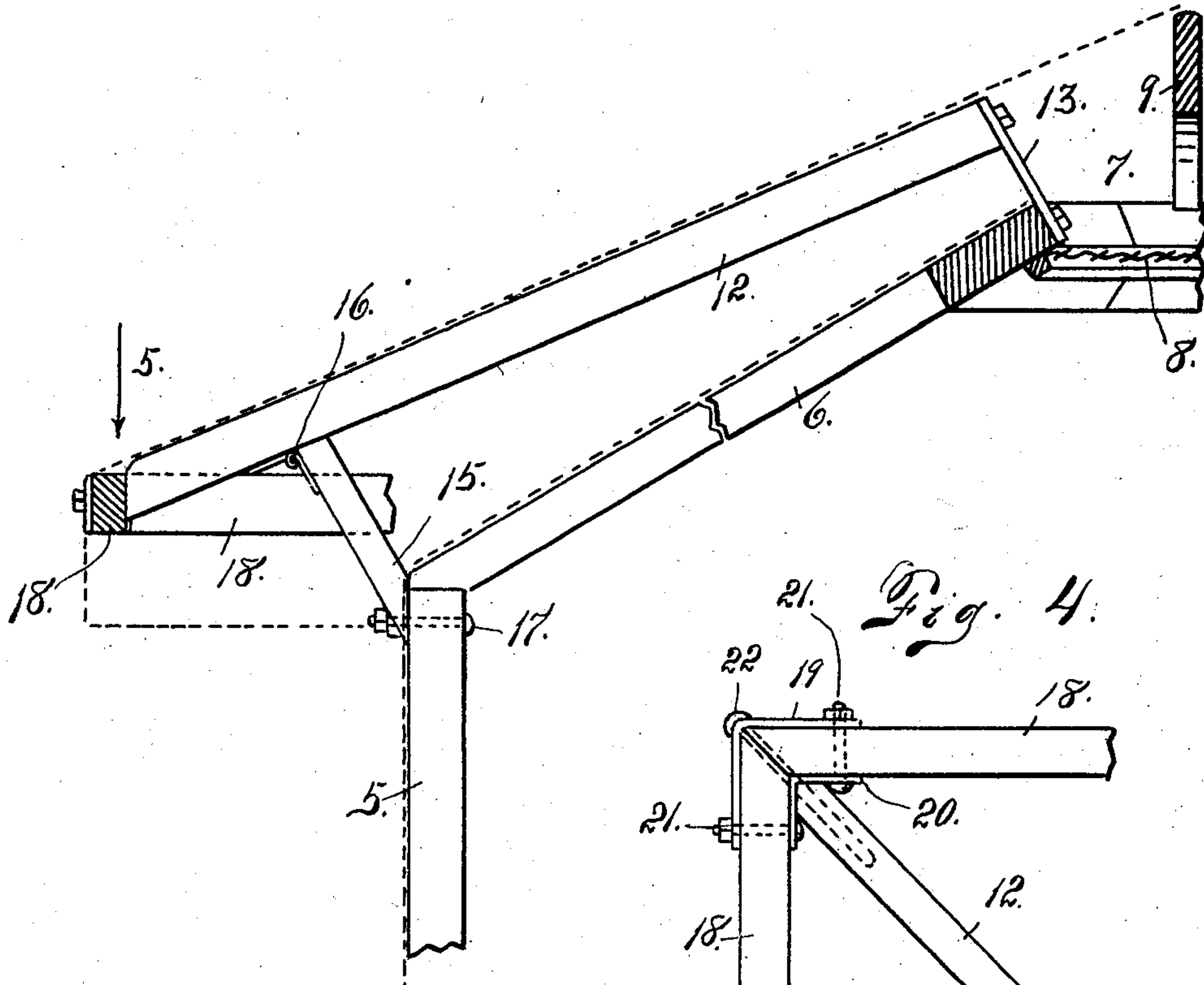


Fig. 6.

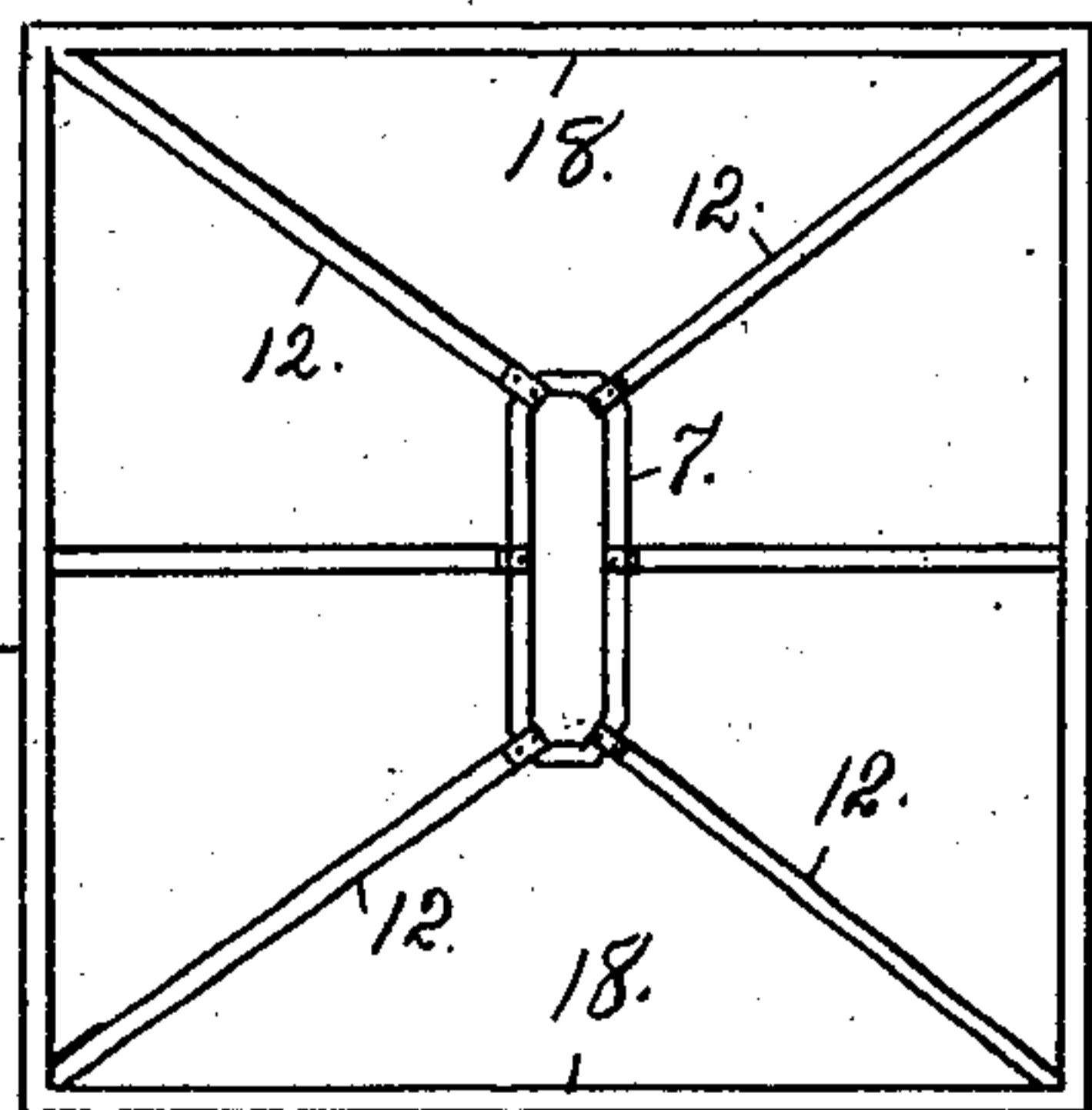


Fig. 7.

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UNITED STATES PATENT OFFICE.

ROBERT S. GUTSHALL, OF DENVER, COLORADO.

TENT.

SPECIFICATION forming part of Letters Patent No. 751,392, dated February 2, 1904.

Application filed September 12, 1903. Serial No. 173,003. (No model.)

To all whom it may concern:

Be it known that I, ROBERT S. GUTSHALL, a citizen of the United States of America, residing in the city and county of Denver and State of Colorado, have invented certain new and useful Improvements in Tent-Cottages; 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 improvements in tents, and has relation more especially to the ventilating features and the construction and arrangement of the fly-frame, all of which will be described in detail by reference to the accompanying drawings and the novel features subsequently pointed out in the claims.

In the drawings, Figure 1 is a vertical section taken through the roof of a tent equipped with my improvements, cutting the ventilating-opening transversely. Fig. 2 is a top view of the construction shown in Fig. 1. Fig. 3 is a section taken at right angles to Fig. 1. This section may be indicated by a line 3-3, Fig. 2. Fig. 4 is a view similar to Fig. 1, but less extensive and on a larger scale. Fig. 5 is a view of one corner of the fly-frame looking in the direction of arrow 5, Fig. 4. Fig. 6 is a section taken on the line 6, Fig. 5, looking in the direction of arrow 6. Fig. 7 is a plan view, on a smaller scale, showing the fly-supporting frame of the structure.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate the corner-posts (one only being shown) of the main frame of the tent; 6, the rafters connected with said posts at their lower extremities, the upper extremities of the rafters being connected with a frame 7, surrounding a screen-covered ventilating-opening 8 in the center of the roof of the tent. Extending longitudinally across this opening and above the same is a bow-shaped part 9, whose extremities are connected with the ends of the frame 7. This part 9 is bowed upwardly sufficiently beyond the frame

7 to support the fly 10 a proper distance above the ventilating-opening. The rafters 12 of the fly-frame are connected with the frame 7 at their upper extremities by upwardly-projecting metal pieces 13, which raise the upper extremities of the parts 12 above the frame to leave ample space between the fly 10 and the canvas top 14 of the tent proper. The lower extremities of the rafters 12 are supported by parts 15, (only one being shown,) each of which is hinged to a part 12, as shown at 16, and connected with the corner-post 5 by a bolt 17. The lower extremities of the roof parts 12 of the fly-frame are connected at each corner with the connected extremities of two horizontal bars 18, joined together by metal strips 19 and 20 and bolts 21. The lower extremity of each rafter-bar 12 is connected with the parts 18 by a long bolt 22. The lower part of the fly-frame is composed of four bars arranged in the form of a rectangle (see Fig. 7) and supported by the corner-rafters 12.

The ventilating-opening 8 is controlled by a plate 24, hinged to one side of the frame 7, as shown at 25. The plate 24 is connected with a sliding rod 27 by a connecting-rod 26. The rod 27 is held in place on a rafter 6 by screw-eyes or staples 28. It is evident that by the use of the parts for adjusting the plate 24 the screen-covered opening 8 may be completely closed or left open to any extent desired.

Having thus described my invention, what I claim is—

1. The combination of a tent provided with an opening in the top surrounded by a frame, a part having its extremities connected with the frame, and raised above the opening to support the fly, rafters forming a further support for the fly, and having their upper extremities connected with the frame surrounding the ventilating-opening and raised above the same, and their lower extremities suitably supported, and a rectangular frame connected with the lower extremities of the fly-frame rafters and supported by the latter.

2. A tent structure having a main frame composed of uprights and rafters, a roof hav-

ing an opening in the top part, a frame surrounding said opening, and a fly-frame supported above the main frame of the roof and forming a support for the fly-canvas which
5 extends across the ventilating-opening above the latter, and means operated from the inside of the tent for controlling the said opening.

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

ROBERT S. GUTSHALL.

Witnesses:

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A. J. O'BRIEN.