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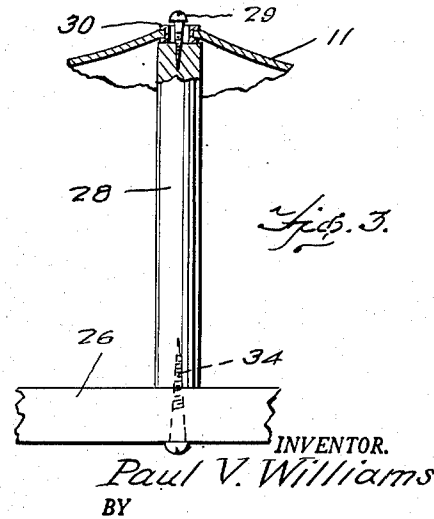
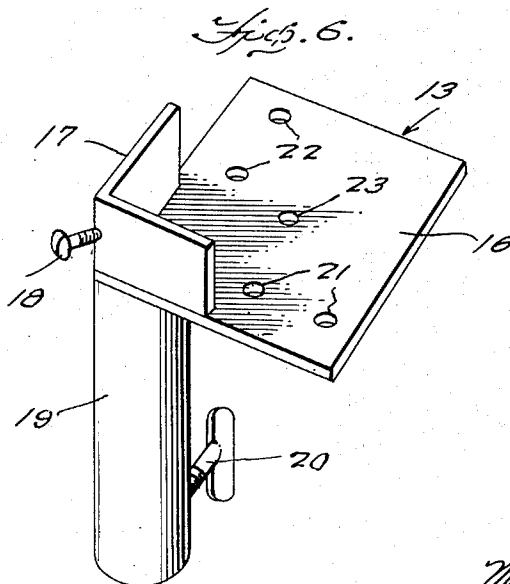
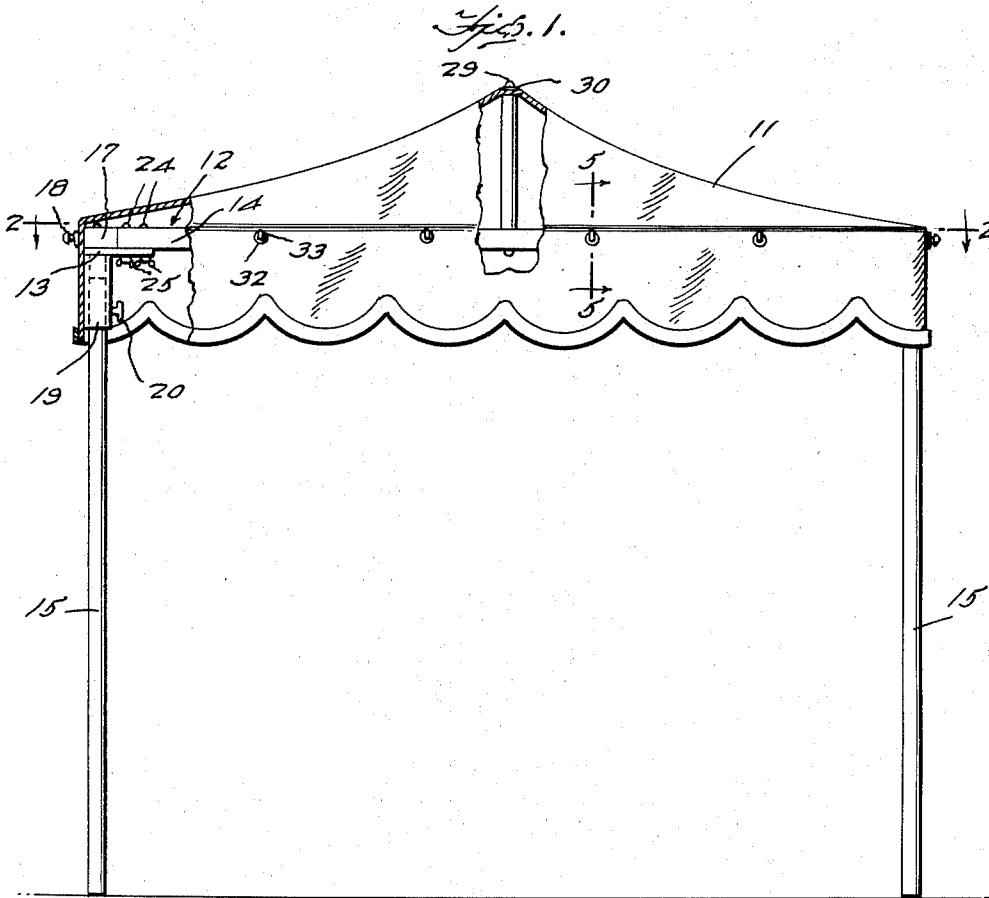
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2,535,618

PORTABLE TENT OR CABANA STRUCTURE

Filed Dec. 31, 1948

2 Sheets-Sheet 1



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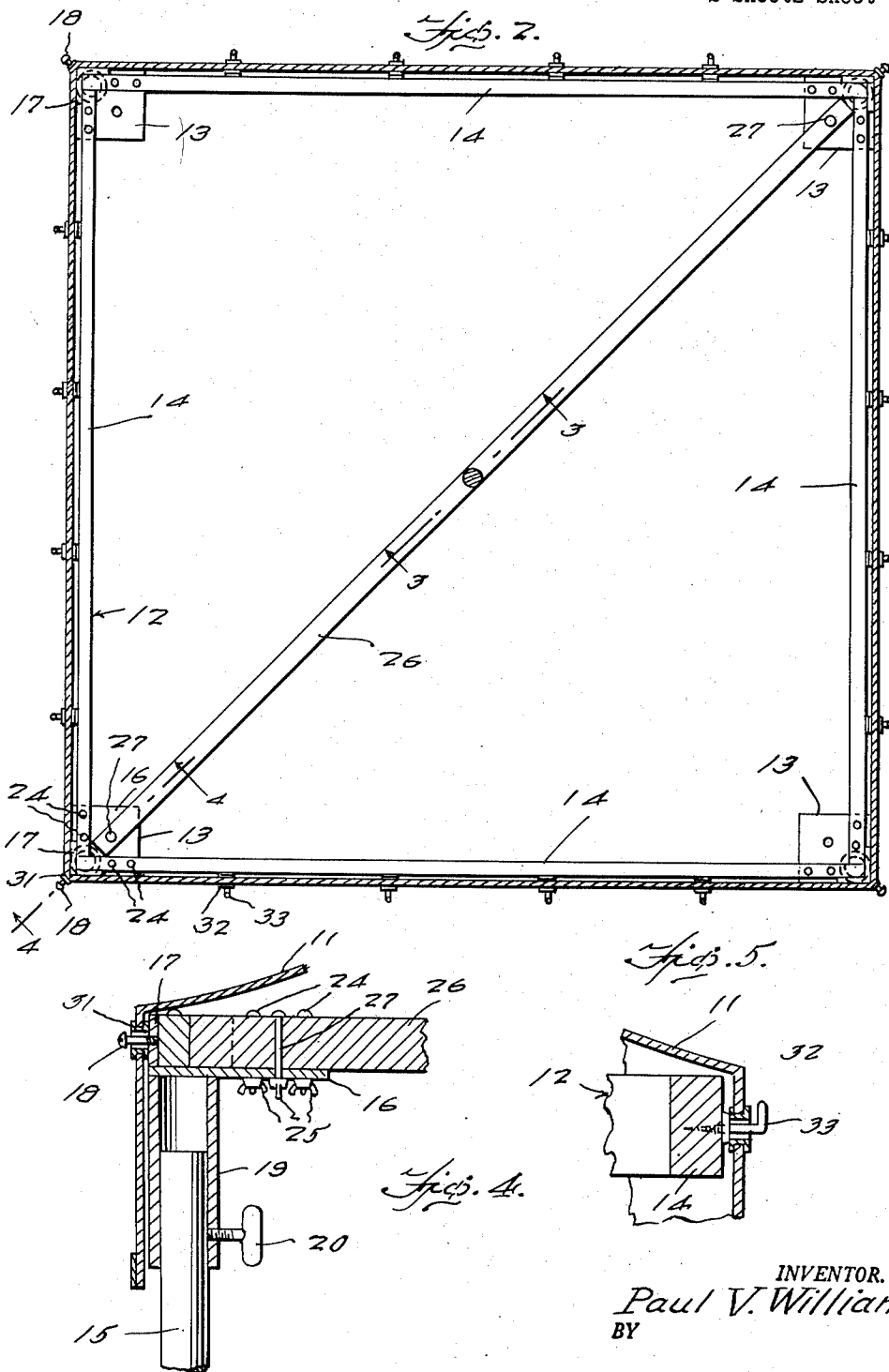
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PORTABLE TENT OR CABANA STRUCTURE

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PORTABLE TENT OR CABAÑA STRUCTURE

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5 Claims. (Cl. 135-7.1)

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This invention relates to collapsible shelters, and more particularly to a collapsible tent or cabaña.

A main object of the invention is to provide a novel and improved collapsible tent or cabaña which is simple in construction, easy to set up, and which is foldable to a very compact condition.

A further object of the invention is to provide an improved collapsible tent structure which is inexpensive to manufacture, involves only a few parts, requires no special tools to set up or to take apart, and which may be rapidly and easily set up or taken apart by a single person.

Further objects and advantages of the invention will become apparent from the following description and claims, and from the accompanying drawings, wherein:

Figure 1 is a side elevational view, partly in cross-section, of a cabaña or tent structure constructed in accordance with the present invention.

Figure 2 is a horizontal cross-sectional view taken on line 2-2 of Figure 1.

Figure 3 is an enlarged cross-sectional detail view taken on line 3-3 of Figure 2.

Figure 4 is an enlarged cross-sectional detail view taken on line 4-4 of Figure 2.

Figure 5 is an enlarged cross-sectional detail view taken on line 5-5 of Figure 1.

Figure 6 is an enlarged perspective detail view of one of the corner brackets employed in the structure of Figure 1 and which acts as the means for securing the frame elements thereof together at the corner.

Referring to the drawings, the tent or cabaña comprises a covering of suitable waterproof material, shown at 11, which may be made of canvas or the like, which is supported on a collapsible frame, indicated generally at 12. The frame 12 is square in plan and comprises four corner brackets 13 to which are secured four horizontal side bar members 14, as shown in Figure 2, and respective vertical supporting posts 15, as shown in Figure 1. Referring particularly to Figure 6, it will be seen that each bracket 13 comprises a square plate element 16 having secured to its top surface at a corner thereof the vertically rising angle member 17 whose arms are flush with the side margins of the plate element at said corner. Threaded diagonally into the corner of angle member 17 and projecting outwardly therefrom is the headed screw bolt 18. Secured to the bottom surface of plate member 16 at said corner is the depending vertical

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sleeve 19 provided at its lower portion with a wing screw 20.

Adjacent one edge, plate member 16 is formed with openings 21, 21. Adjacent another edge said plate member is formed with another pair of openings 22, 22, as shown in Figure 6. Designated at 23 is an opening formed substantially in the center of plate member 16.

As shown in Figure 2, each bracket 13 is located at a corner of the frame 12, with its corner angle member 17 positioned outwardly. The side bar members 14 are secured to the plate members 16 in the manner shown in Figure 2, the ends of the bar members being received in the angle members 17 and being secured by means of bolts 24 passing through the bar members and the respective pairs of openings 21, 21 and 22, 22 of the plate members, said bolts being provided with wing nuts 25. The respective vertical corner posts 15 are received in the depending sleeves 19 of the brackets 13 and are locked thereto by the wing bolts 23, as shown in Figure 4.

Designated at 26 is a diagonal horizontal bar member secured at its ends to diagonally opposed brackets 13 by means of bolts 27 passing through said ends and through the central plate openings 23 of the brackets. Secured to the mid-portion of diagonal bar member 26 by an anchor screw 31 is a vertical upstanding short post member 28. Fastened in the top end of post member 28 is a headed screw 29.

The covering 11 is shaped to fit over the frame 12. At the center of the cover it is provided with an eyelet or grommet 30 which receives the headed screw 29. At its corner portions, the cover 11 is provided with similar grommets 31 which receive the headed bolts 18. Along its upper side portions the cover 11 is provided with a plurality of spaced additional grommets 32 which receive hooked screws 33 fastened to the respective side bar members 14 and projecting outwardly therefrom.

In assembling the shelter, the side bar members 14 are first fastened to the plate elements 16 of the brackets 13, as above described, by means of the bolts 24 and wing nuts 25. The diagonal bar member 26 is then bolted to diagonally opposed plate elements 16 by means of bolts 27 and wing nuts 25. The round corner posts 15 are then inserted in the sleeves 19 and secured thereto by means of the wing screws 20. The frame 12 is now ready to receive the cover 11. Said cover is placed on the frame with the corner grommets 31 receiving the headed screws 18 and the side grommets 32 receiving the hooked

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screws 33. The headed screw 29 of the center post 28 is then engaged in the center grommet 30 of the cover and said center post is then pushed upwardly and set down on the mid-portion of the diagonal bar member 26. The anchor screw 34 is then inserted upwardly through an opening provided therefor in the bar member 26 and is screwed into the bottom end of center post 28, thereby anchoring said center post in vertical position.

The shelter may be taken apart by following the reverse procedure.

Although illustrated in the drawings as merely providing a canopy or roof, the shelter may be employed as a tent or dressing room by providing suitable curtains on all four sides thereof, or by making the sides of the cover 11 of sufficient length to extend substantially to the ground.

By employing curtains on all four sides of the frame and by omitting the top cover, the device may be employed as a sun bathing enclosure.

While a specific embodiment of a collapsible shelter has been disclosed in the foregoing description, it will be understood that various modification within the spirit of the invention may occur to those skilled in the art. Therefore, it is intended that no limitations be placed on the invention except as defined by the scope of the appended claims.

What is claimed is:

1. In a shelter of the character described, a supporting bracket comprising a plate member formed with a square corner, an angle member secured to said plate member at said corner with its arms rising vertically from the edges of said square corner, and a sleeve member secured to the underside of the plate member at said corner and depending vertically therefrom.

2. A shelter of the character described, comprising a plurality of bracket members, each having a depending vertical sleeve and an inwardly facing upstanding corner angle, vertical post members respectively received in the depending sleeves of said bracket members, horizontal bar members received in the corner angles and connecting the bracket members to define a rigid polygonal horizontal frame, a cover of flexible material overlying said polygonal frame, and means detachably securing said cover to said frame.

3. A shelter of the character described, com-

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prising a plurality of bracket members, each having a depending vertical sleeve and an upstanding inwardly facing corner angle, vertical post members respectively received in the depending sleeves of said bracket members, horizontal bar members received in said corner angles and connecting the bracket members to define a rigid polygonal frame, a cross member connecting opposed bracket members, a vertical upstanding post element secured to the intermediate portion of said cross member, a cover of flexible material overlying the frame and supported at its inner portion on the top end of said post element, and means detachably securing the outer portions of said cover to the outer portions of said frame.

4. A shelter of the character described, comprising four bracket members, each having a depending vertical sleeve and an upstanding inwardly facing corner angle, vertical post members respectively received in the depending sleeves of said bracket members, horizontal side bars received in the corner angles and connecting the bracket members to define a quadrangular horizontal frame, a horizontal diagonal cross bar connecting diagonally opposed bracket members, a vertical upstanding post element secured to the intermediate portion of said cross bar, a cover of flexible material overlying the frame and supported at its inner portion on the top end of said post element, and means detachably securing the outer portions of said cover to the outer portions of said frame.

5. In a shelter of the character described, a supporting bracket comprising a plate member, an angle member secured to said plate member with its arms rising vertically from the plate member, and a sleeve member secured to the underside of the plate member and depending vertically therefrom.

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