

March 28, 1944.

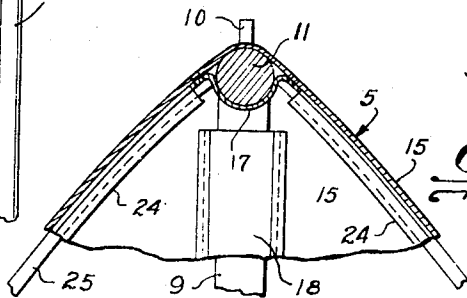
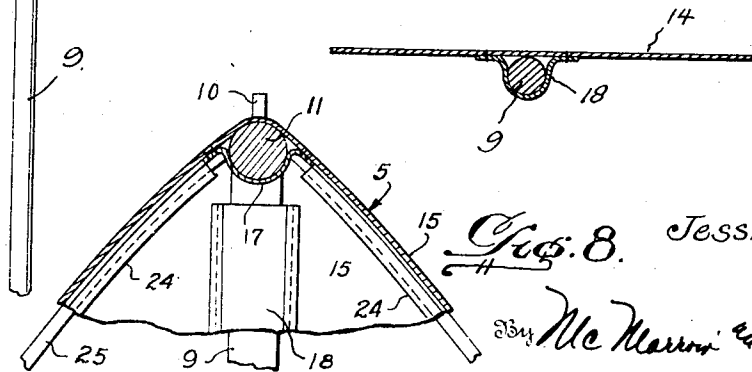
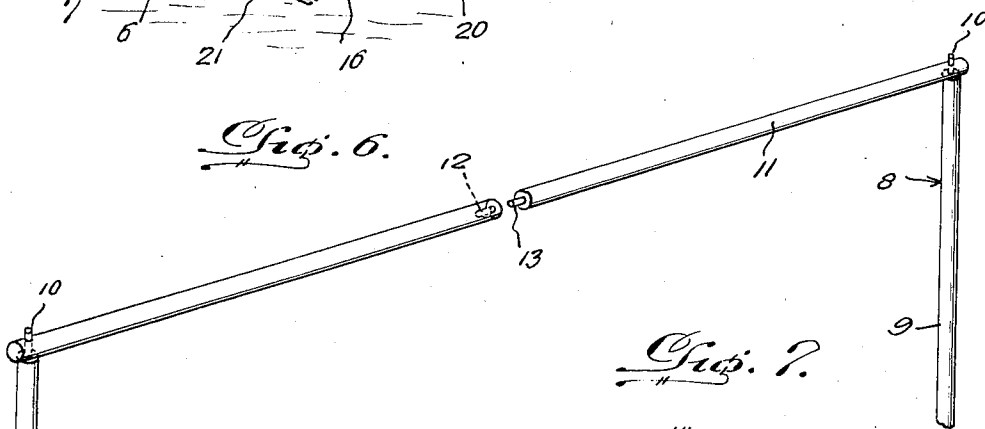
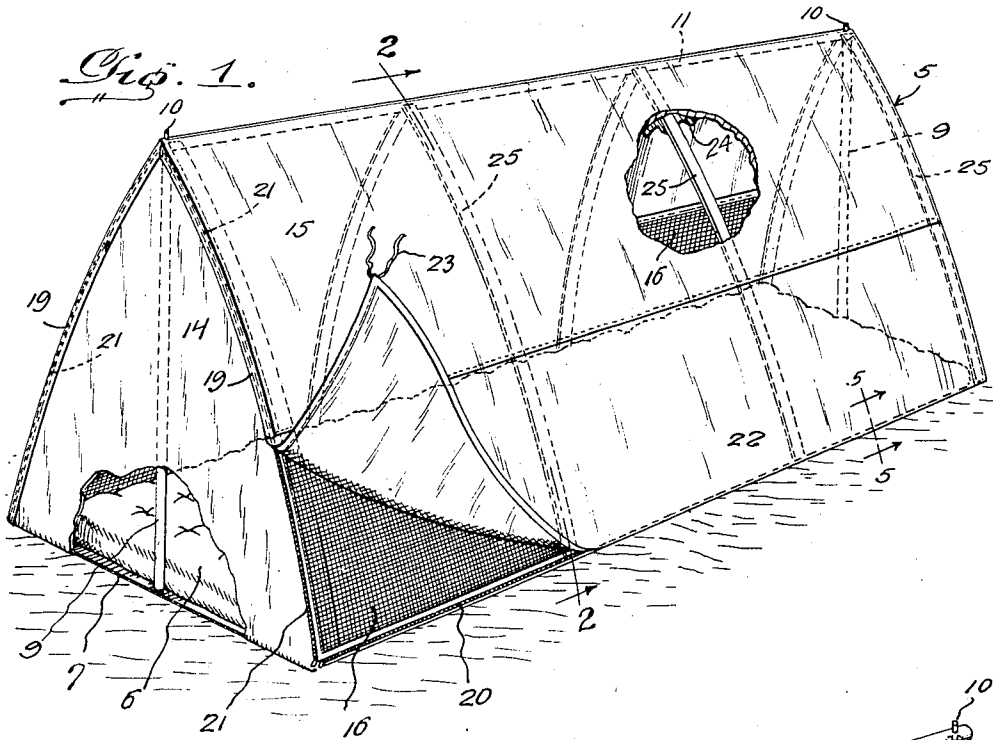
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2,345,377

SLEEPING TENT

Filed May 22, 1942

2 Sheets-Sheet 1



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Fig. 4.

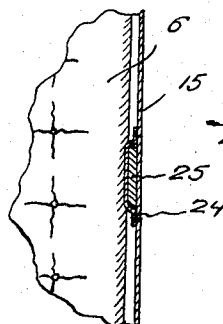
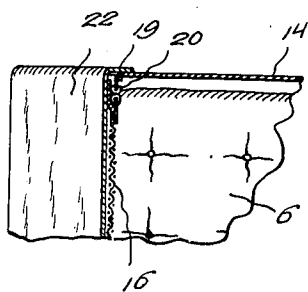


Fig. 3.

Fig. 2.

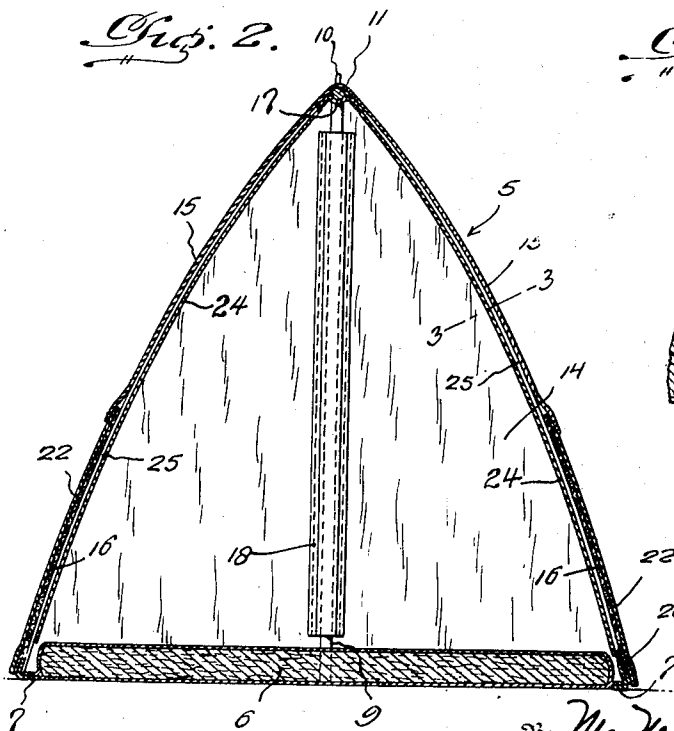
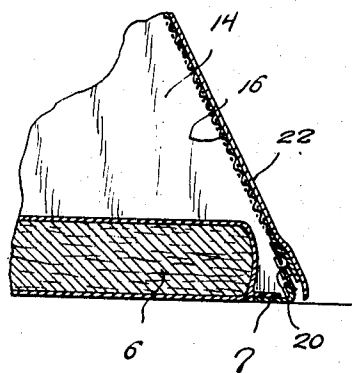


Fig. 5.



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UNITED STATES PATENT OFFICE

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SLEEPING TENT

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Application May 22, 1942, Serial No. 444,099

1 Claim. (Cl. 135—1)

This invention relates to sleeping tents, and has for the primary object the provision of a device of this character which is especially constructed to provide for a person maximum sleeping comfort and protection against weather elements, insects, snakes and other vermin and may be easily and quickly set up for use and taken down and folded into a compact bundle when desired, to permit transportation and storing thereof within a comparatively small space.

With these and other objects in view as will become more apparent as the description proceeds, the invention consists in certain novel features of construction, combination and arrangement of parts as will be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawings, in which

Figure 1 is a perspective view illustrating a sleeping tent constructed in accordance with my invention.

Figure 2 is a transverse sectional view taken on the line 2—2 of Figure 1.

Figure 3 is a detail sectional view taken on the line 3—3 of Figure 2.

Figure 4 is a fragmentary longitudinal sectional view illustrating a quick detachable fastener for securing one of the end panels to one of the side panels of the tent.

Figure 5 is a detail sectional view taken on the line 5—5 of Figure 1.

Figure 6 is a perspective view illustrating a reach pole and supporting poles therefor.

Figure 7 is a fragmentary sectional view illustrating the means of securing one of the supporting poles to one of the end panels.

Figure 8 is an enlarged fragmentary sectional view, showing a portion of the tent cover and the securing thereto of the reach pole and staves.

Referring in detail to the drawings, the numeral 5 indicates as an entirety a sleeping tent especially constructed for a single individual. However, the tent may be constructed on a larger scale to accommodate therein two or more persons. In order to provide comfortable rest for the sleeper, a mattress 6 is provided the construction of which may be more or less conventional and is provided with end and side marginal flanges 7 constructed from the same material as the covering of the mattress. When in use the mattress is adapted to rest flatly upon the ground and if desired the covering may be of a waterproof nature so as not to readily absorb or become damp from moisture from the ground.

A supporting structure 8 is provided and consists of vertically arranged end poles 9 having their upper ends reduced to form extensions 10 adapted to extend through openings provided in ends of a reach pole 11.

The reach pole is composed of a pair of sections and one of the sections has a socket 12 in its end to receive an extension 13 on the other section whereby the sections of the reach pole can be readily secured together and separated when desired. It will also be noted that the sections of the reach pole may be easily detached from the vertical supporting poles 9. When the supporting structure is assembled in relation to the mattress 6, the vertical supporting poles are arranged at the ends of the mattress and the reach pole disposed longitudinally of the mattress and thereover for the purpose of supporting a cover constituting end panels 14 and combined top and side panels 15 and 16. The side panels 16 are preferably constructed of foraminous material to give ventilation to the interior of the tent when completed and still exclude insects, snakes and the like.

A strip 17 is secured to the panels 15 in which is located the reach pole. Strips 18 are secured to the end panels 14 to receive the supporting poles 9. The strips 17 and 18 have their edges stitched or otherwise secured to the respective panels so that the poles may be readily placed within the strips and removed therefrom when desired.

The panels 14 and 15 are constructed of waterproof material, and the panels 15 extend slightly beyond the end panels 14 to form overlapping flanges 19 to prevent leakage between the panels 15 and 14.

The lower edges of the end panels 14 and the lower edge of one of the side panels are permanently secured to the flanges 7 of the mattress. The lower edge of the other side panel is detachably secured to a side flange of the mattress by a separable fastener 20. The vertical edges of the end panels 14 are detachably secured to the vertical edges of the top and side panels 15 and 16 by separable fasteners 21. The fasteners 20 and 21 may be of any approved type preferably a Zipper construction.

The separable fasteners 21 will permit a portion or a complete separation of the end panels from the top and side panels to give access to the interior of the tent, and also to permit the end panels to be folded flatly on top of the mattress when the supporting structure 8 has been removed.

To govern the amount of ventilation to the interior of the tent, side flaps or panels 22 of waterproof material are secured to the lower edges of the top panels 15 and are provided with anchoring cords 23 whereby the panels or flaps 22 may be secured in a raised position or in a lowered position. To secure the panels 22 in a lowered position to close off the ventilation to the interior of the tent, suitable ground anchors or stakes may be employed.

Spaced strips 24 have their edges secured to the inner faces of the top and side panels to removably receive flexible staves 25. The staves are curved and act to support the top and side panels as shown in Figure 1, to provide a maximum amount of space within the tent and to prevent the side and top walls from sagging.

To fold the tent after the supporting structure has been removed and laid upon the mattress, the end panels 14 are detached from the top and side panels and laid flatly upon the mattress. One of the side panels is then detached from the mattress by the separable fastener 20 and the top and side panels then may

be folded upon each other upon the top of the mattress. The mattress may then be rolled to provide a very compact device for easy carrying and storing in a comparatively small space.

While I have shown and described the preferred embodiment of my invention, it will be understood that minor changes in construction, combination and arrangement of parts may be made without departing from the spirit and scope of the invention as claimed.

Having thus described the invention, what I claim is:

In a tent, a cover including a top, side and end walls, a strip having opposite edges thereof secured to the top wall to receive and thereby removably secure a reach pole to said top wall, strips having opposite edges secured to the end walls to receive supporting poles attachable to ends of the reach pole, strips having opposite edges secured to the top and side walls, and curved staves removably received by the last mentioned strips with an end of each staff terminating close to the reach pole.

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