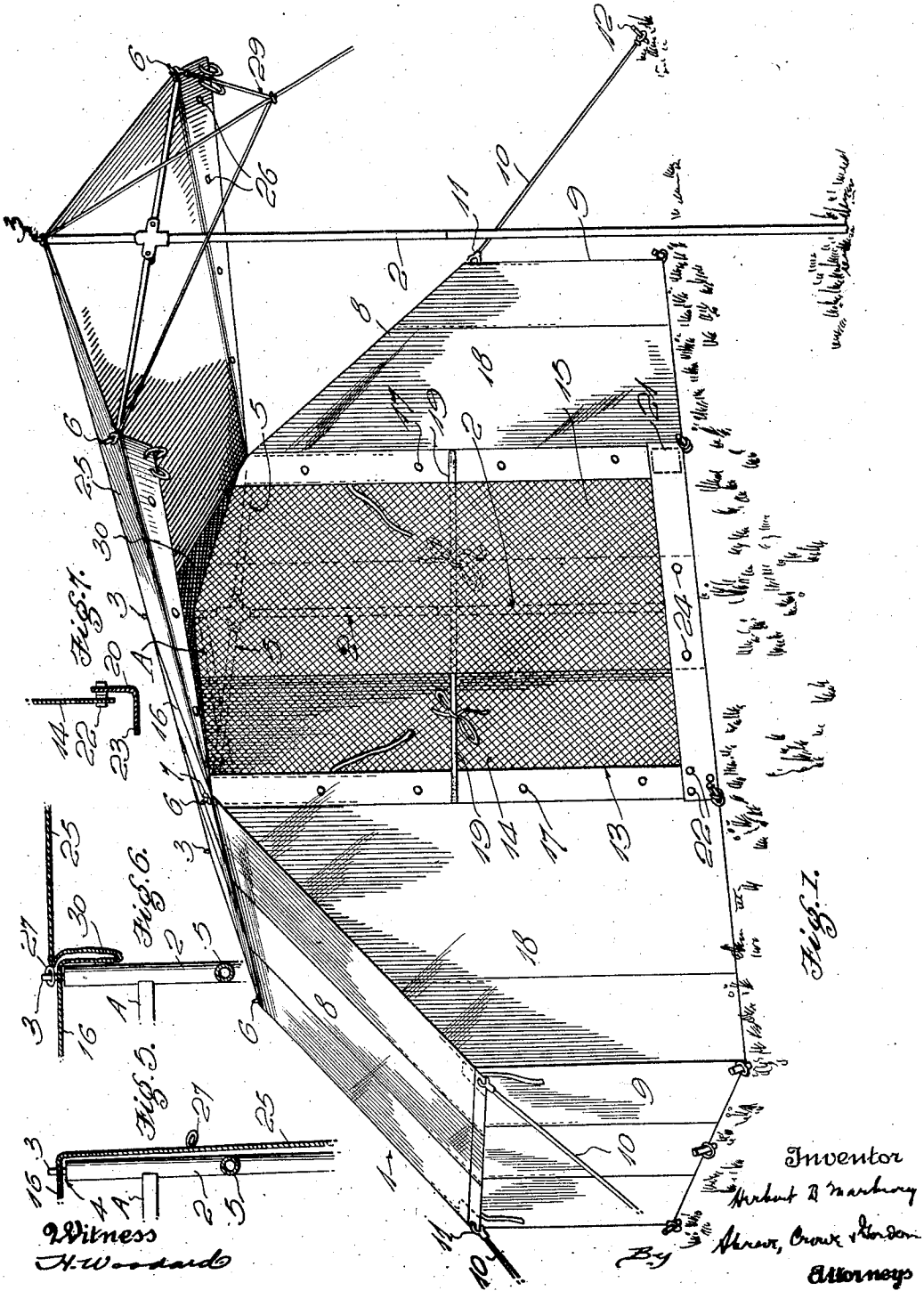
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Fig. 2.

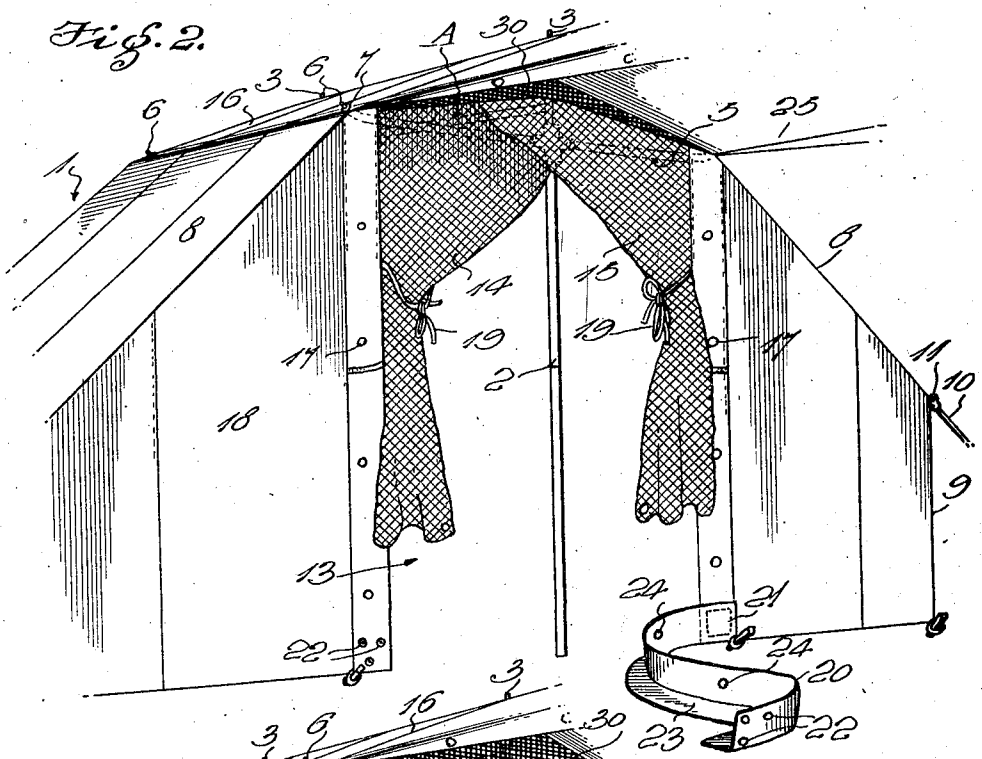
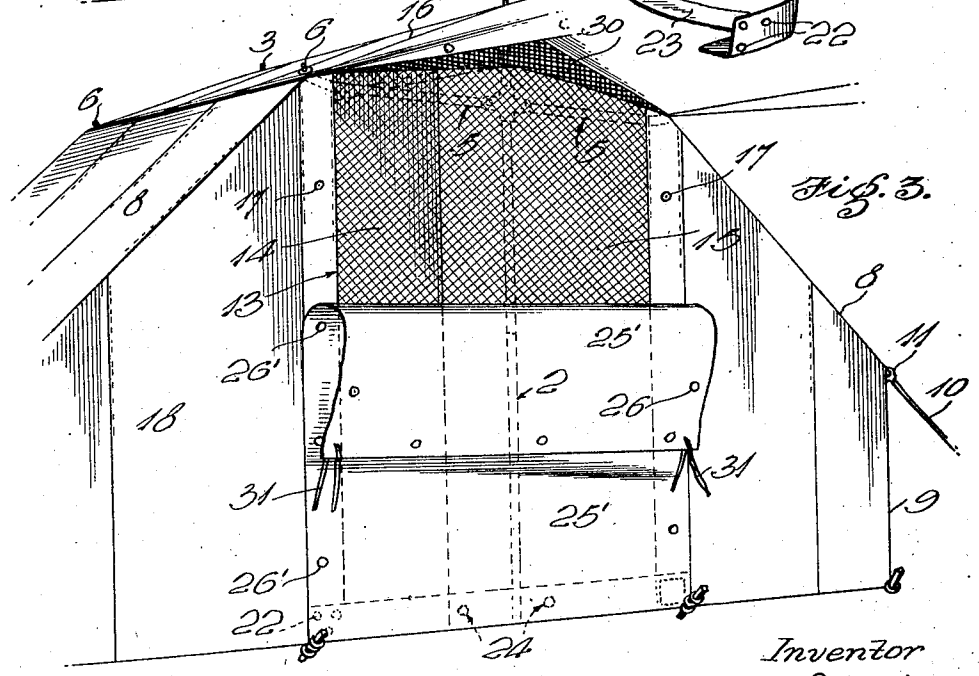


Fig. 3.



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Fig. 4.

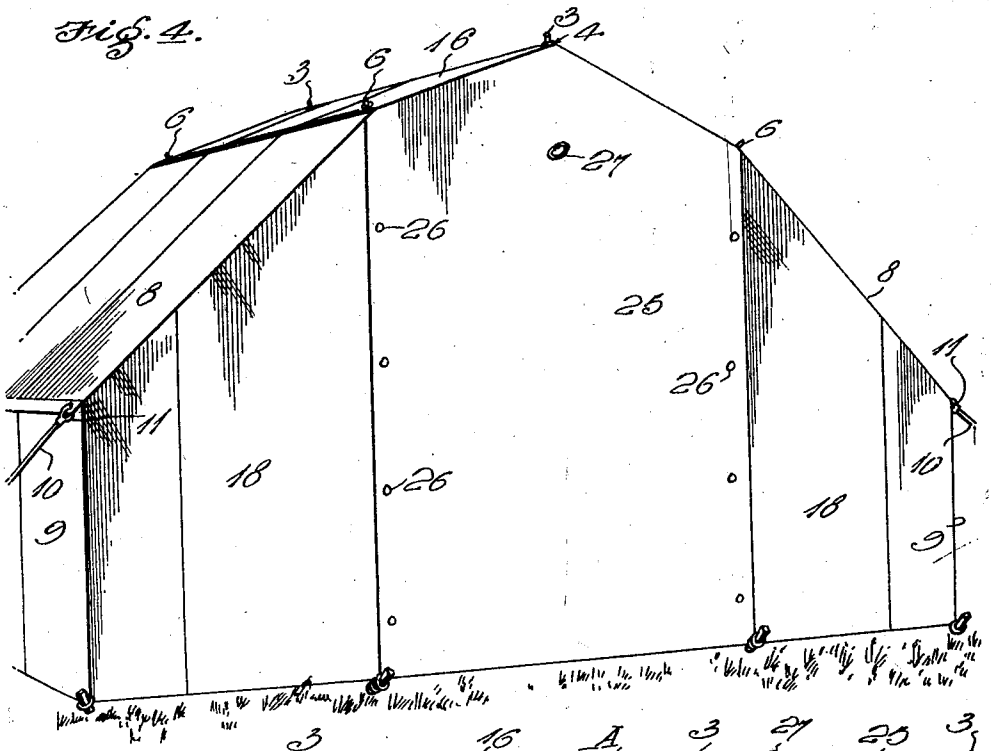


Fig. 8.

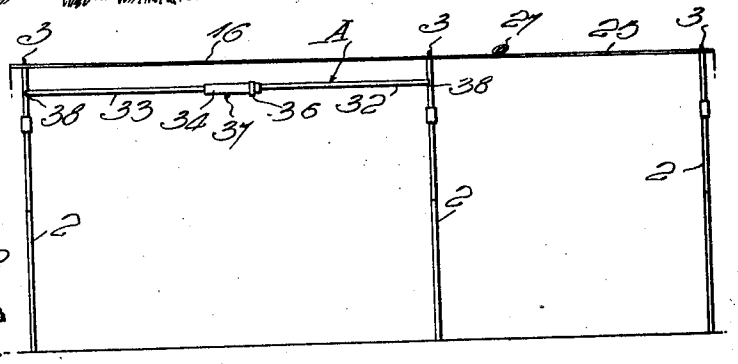


Fig. 9.



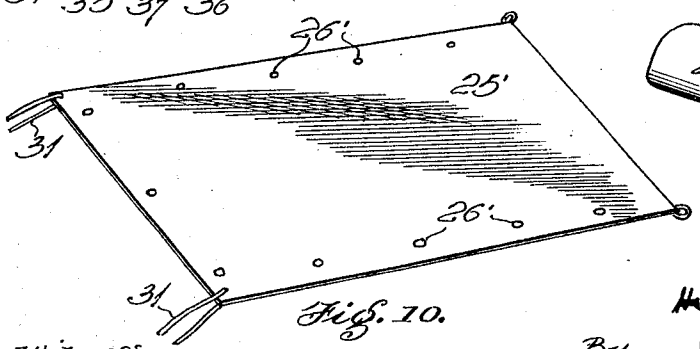
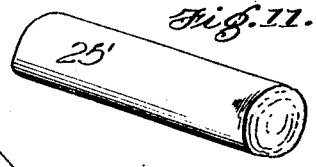


Fig. 10.

Fig. 11.



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UNITED STATES PATENT OFFICE.

HERBERT BAYNE MARBURY, OF ATLANTA, GEORGIA.

TENT.

Application filed April 8, 1927. Serial No. 182,047.

Broadly this invention relates to tents, but it more specially comprehends the type known as "campers'" or "automobile" tents, and embodies improvements on my Patent No. 1,603,785 granted October 19, 1926.

An important object of my invention is the provision of a storm door also utilizable as an awning, said section having means for detachable connection with means carried by the tent to effect, when in extended position, a continuation of the roof portion.

Another object of my invention is the provision of a canvas sheet portion in which the tent is adapted to be wrapped and which is also adaptable as a ventilating door and a windbreak, respectively.

A further object of this invention is the provision of a collapsible adjustable tension bar adapted to cooperate with the supporting poles to maintain the tent taut at all times without the use of bridle guy ropes at each end and irrespective of varying climatic conditions.

A still further object of this invention is the provision of means for effecting ventilation at the gable, and at the same time preventing the entrance of insects therethrough.

With these and other objects in view, which will become apparent as the description proceeds, the invention resides in the construction, combination and arrangement of parts, hereinafter more fully described and claimed, and illustrated in the accompanying drawings, in which like characters of reference indicate like parts throughout the several figures, of which:

Fig. 1 is a perspective view showing the awning extended;

Fig. 2 is a fragmentary perspective view showing the awning section in extended position with protective netting turned back and guard cloth disconnected and swung out at one end;

Fig. 3 is a similar view to Fig. 2, illustrating wrapping cloth in position as a storm door and showing ventilating space thereabove;

Fig. 4 is a similar view to Fig. 2 with the awning section lowered;

Fig. 5 is a detailed vertical sectional view with the awning in taut position, and showing ring adapted to engage the lug 3 when the awning is in raised or extended position;

Fig. 6 is a similar view to Fig. 5 showing awning in extended position;

Fig. 7 is a detailed vertical sectional view showing the guard cloth in position;

Fig. 8 is a diagrammatic longitudinal section showing the tension or spacing bar in position;

Fig. 9 is an enlarged detailed vertical sectional view of the tension bar adjusting means;

Fig. 10 is a perspective view of the wrapping cloth; and

Fig. 11 is a perspective view showing the tent as packed in wrapping cloth.

Although the subject matter of my former patent was efficient for the purposes intended and an advance in the art, nevertheless, after much thought and experimentation, I have designed improvements thereover which embody a ventilating feature at the gable end clear up to the ridge, an awning section forming a continuation of the roof when in extended position and continuation of the end wall of the tent when in lowered position, a wrapping cloth adaptable as a snap-on door adjustable for ventilation, and a unique tensioning means to effect stability of the tent in addition to being easily adjustable to take care of the stretching or shrinking of the tent due to climatic changes, and which features form the subject matter of this invention.

In the illustrated embodiment characterizing this invention there is shown a tent 1, embodying a pair of supporting posts 2, provided at their upper ends with perpendicular lugs 3, adapted to project through suitable eyelets at each end of the tent as at 4. Spaced from the upper end of the posts 2 and hingedly connected thereto are the oppositely and normally horizontal arms 5, each of the free ends of said arms terminating in curved lugs 6 adapted to project through eyelets as at 7. Suitably connected to lower corners of each of the inclined side sections 8 adjacent the upper edge of the perpendicular side walls 9 are the guy ropes 10 suitably secured at one end as at 11 and the other to the ground pegs 12. The front of said tent is provided with an entrance opening or door 13 of slightly less width than the gable, and a screenlike enclosure is provided therefor embodying

two sections 14 and 15, respectively, said sections adapted to overlap at the center of said entrance, said sections being suitably secured to the roof portion 16 adapted to be detachably connected by snap fasteners 17 to end wall 18. Straps 19 are secured to each of the sections so that they may be further secured exterior and interior of the tent to prevent the entrance of insects therethrough. Suitably secured to the end wall 18 in any suitable manner as at 21 is a guard cloth 20 adapted to extend across the opening 13 and be detachably secured to the end wall at the opposite side by snap fasteners or other suitable elements 22. The guard cloth 20 has a lateral portion 23 adapted to extend within the tent and forms a continuation of the section extending entirely around the interior of the tent. The said guard cloth is provided with a series of snap fasteners 24 to which the lower ends of the netting or screening is adapted to detachably engage.

Secured to the roof section similar to the screen section is a storm door section 25 of slightly greater width than the entrance opening 13, and when in lowered position adapted to form a complete closure for said entrance, detachably secured to the end wall by snap fasteners or other suitable elements 26 positioned along each side of said entrance, and it is obvious that this section may form a partial or complete closure as desired. It will be noted that when used as a closure this section forms a continuation of the end wall from the roof to the guard cloth. Secured to said section at a point in a substantially central and longitudinal plane with the free ends of the arms is a ring 27 which, when the section is to be used as an awning, is adapted to be engaged by lug 3. The lower end of the section 25 is formed with eyelets 28 adapted to receive the respective lugs of a pole identical to poles 2 heretofore described, and when said section is made taut by bridle guy rope 29 also engageable over said lugs and secured to an anchoring peg, will conform to and form a continuation of roof section 16.

It will be noted that when the section 25 is in extended position a slight fold 30 will be formed at its juncture with the roof portion 16, and with which exception the entire gable constitutes a ventilating space clear up to the roof portion.

A substantially rectangular sheet or wrapping cloth 25′ having a plurality of complemental snap fastener sections 26 secured along three edges of said sheet terminating at each opposite corner in a loop which, when the cloth is used as a ventilating door, may be suitably secured to the ground. Straps 31 also are provided on said sheet for securing the sheet to a suitable support when it is used as a windbreak. This wrapping cloth is adapted to contain the tent body, poles, guy ropes, and pins, when it is packed for transportation, as clearly illustrated in Fig. 11 of the drawings, and is also, when the tent is in erected position, adapted to extend across the door or entrance 13 and engage corresponding snap fastener elements 26 along the sides of said door, to provide a semi-closure therefor and adjustable according to ventilating requirements.

A collapsible tension bar A is adapted to interconnect the poles 2 at each end of the tent, and comprises two detachable sections 32 and 33, respectively. Secured on one end of section 33 is a substantially U-shaped plate 34 having a plurality of spaced apertures 35, and also mounted on said section 33 is a slidable split ring 36. The section 32 is provided adjacent one end with a lug 37 having a substantially right-angle projection suitably secured to said section in any well known manner, adapted to extend through a suitable aperture when the end of said bar is positioned in the plate 34. Each of the free ends of the bars 32 and 33 is cut out as at 38 to conform to the configuration of the poles 2. When positioned against said poles and the lug 37 projected through the proper aperture in the plate 34 and the sections brought into longitudinal alignment, the ring being slidably positioned adjacent the outer end of plate 34, the sections will be locked in operative position, and the cover 16 of the tent will be rendered taut, and a sufficiently rigid association of tension bar, posts, and roof portion will be effected to maintain the tent in erected position without the employment of the usual guy rope means at each end of the tent.

Atmospheric changes cause variations in the widths of the cloth, and the tolerance as to such widths is magnified in the length of the tent, therefore, it is desirable in tents of this type to effect ready longitudinal adjustment of the tent according to such atmospheric changes, and which I have accomplished by means of the adjustable tension bar A above described.

It will be apparent from the above that I have designed a tent structure embodying novel ventilating, closure, and awning features, as well as a unique tensioning and bracing means, and, by convertibility of parts, have insured increased efficiency without adding to the cost of manufacture.

Although in practice I have found that the form of my invention illustrated in the accompanying drawings and referred to in the above description, as the preferred embodiment, is the most efficient and practical; yet realizing the conditions concurrent with the adoption of my invention will necessarily vary, I desire to emphasize that various minor changes in details of construction, proportion and arrangement of parts, may be resorted to within the scope of the append-

ed claims without departing from or sacrificing any of the principles of this invention.

Having thus described my invention, what I desire protected by Letters Patent is as set forth in the following claims:

1. A tent body including a roof portion and having an entrance opening, supporting posts adapted to engage each end of the roof portion, a closure section for said entrance secured to said roof portion and adapted when in lowered position to constitute a closure, said section having means for detachable connection with means associated with the roof portion to effect, when in extended or raised position, a continuation of the roof portion, and means to support said closure in extended position and adapted to exert tension through the closure section upon the roof section.

2. A tent body including a roof portion and having an entrance opening, supporting posts adapted to engage each end of the roof portion, a closure section for said entrance secured to said roof portion, said section having means for detachable connection with means associated with the roof portion to effect, when in extended position, a continuation of the roof portion, and supporting means for the outer end of said section to support the same in extended position and through the closure section, exert tension upon the roof section.

3. A tent body including a roof portion and an end wall having an entrance opening, supporting posts adapted to engage each end of the roof portion, a closure section for said entrance secured to said roof portion, means carried by the end portion adjacent to the sides of said entrance to detachably engage means carried by the sides of the closure section to maintain the latter in closed position, and means for supporting the closure section in extended position, and through said closure section exert tension upon the roof section.

4. A tent body including a roof portion and an end wall portion having an entrance opening extending to the roof portion, supporting posts adapted to engage each end of the roof portion, a guard cloth suitably secured to the end wall adjacent said opening adapted to extend across the bottom of said opening and having its other end detachably connected to the opposite wall portion, screen netting secured to the roof portion and detachably connected to the end and guard portions to effect screening of said opening and a closure section secured to the roof portion, and adapted when extended to form a continuation thereof, means for supporting the closure in extended position and through said closure exert tension upon the roof portion.

5. A tent body including a roof portion and an end wall portion having an entrance opening extending to the roof portion, supporting posts adapted to engage each end of the roof portion, a screening also attached to said roof portion and covering said entrance opening, a closure section secured to the roof portion, said section having means for detachable connection with means associated with the roof portion to effect when in extended position a continuation of the roof portion, and additional means adapted to form a partial closure for said opening, adjustable with respect to said opening, said means being adaptable when detached therefrom to constitute a receptacle for said tent body.

6. A tent body including a roof portion and an end wall having an entrance opening extending to the roof portion, supporting posts adapted to engage each end of the roof portion, screening sections secured to the roof portion and adapted for overlapping engagement to form a screen covering said opening, a closure section for said entrance also secured to said roof portion and adapted when in lowered position to constitute a closure for said opening, said section having means for detachable connection with a supporting post, additional closure means adjustably secured over said opening, the gable portion of said opening constituting a ventilating medium for the tent.

7. A tent body including roof, end and side portions, a supporting post adapted to engage each end of the roof portion, means interconnecting the posts to maintain the same in erected position, said means being longitudinally adjustable and adapted to engage the said posts at any desired points throughout their length.

8. A tent body including roof, end and side portions, a supporting post adapted to engage each end of the roof portion, a tension bar adapted to interconnect said posts at any desired points throughout their length to maintain the same in erected position and to simultaneously render the roof portion taut, said tension bar comprising two sections, one section having means adapted to interlockingly engage means carried by the other section to effect longitudinal adjustment of said bar, and means to normally maintain said locking means in locked position.

9. A tent supporting means comprising vertical end poles, a horizontal member adapted for contact at each end with one of said poles at any position along the length of said poles, said horizontal member provided with adjusting means for exerting a variable outward thrust between said poles.

10. A tent supporting means comprising vertical end poles, a horizontal tension bar adapted for contact at each end with a respective end pole, said tension bar comprising two sections, one section having a U-shaped channel plate provided with a plurality of spaced apertures, and the other section having means for selective engagement with one

of said apertures to effect longitudinal adjustment of said bar, and means for locking said sections in adjusted position.

11. A tent provided with an entrance opening, a guard member extending across the opening at the base thereof having its ends secured to the tent wall and adapted for detachable connection with a closure member, said guard member being formed with an inwardly extending lateral portion adapted to lie flat on the ground to not only effect sealing of the ground line, but to maintain said guard in taut upright position.

12. In a tent including front, sides, and an inverted V-shaped roof, an opening in the front extending to the roof and correspondingly V-shaped at the top, a closure member for said opening and adapted to be extended and supported to provide a canopy, and when extended adapted to conform in configuration to the roof portion and constitute an uninterrupted continuation thereof, said opening and canopy allowing ventilation clear to the highest tip of the roof.

13. In a tent including sides, front and a triangularly-shaped roof, an opening in the front extending to the roof and correspondingly triangularly-shaped at the top, a closure member for said opening forming a continuation of the front section from the highest point of the roof to the bottom of the opening and adapted to be extended to provide a canopy corresponding in configuration to the roof portion and constituting an uninterrupted continuation thereof, means for supporting said canopy, and means engageable with the supporting means to maintain said canopy taut, said canopy and opening allowing ventilation clear to the highest point of the roof.

14. A tent including an inverted V-shaped roof portion and an end wall having an entrance opening extending to the roof portion and correspondingly inverted V-shaped at its top, a supporting post adapted to engage each end of the roof portion, a closure for said opening extending to and attached to the roof portion and adapted to be extended to form a canopy, means secured to said closure at a point spaced from the top adapted to engage one of the supporting posts, so that the canopy when extended will constitute an interrupted continuation of the roof portion and conform to the configuration thereof.

15. A tent including a roof and a front having an entrance opening extending clear to the roof to include a gable opening, supporting posts for the roof portion, a closure for said opening extending to and secured to the roof portion and adapted when extended to form a canopy, means for supporting the canopy in extended position, means secured to the closure adapted to detachably engage one of the supporting posts when the closure is extended to form an uninterrupted continuation of the roof portion to permit ventilation through said gable opening, and means adapted to engage the canopy supporting means to exert through the canopy and supporting post tension upon the roof portion.

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