June 12, 1934. M. B. SMITH 1,962,916

TENT

Filed Sept. 14, 1933 2 Sheets-Sheet 1

Fig. 1.

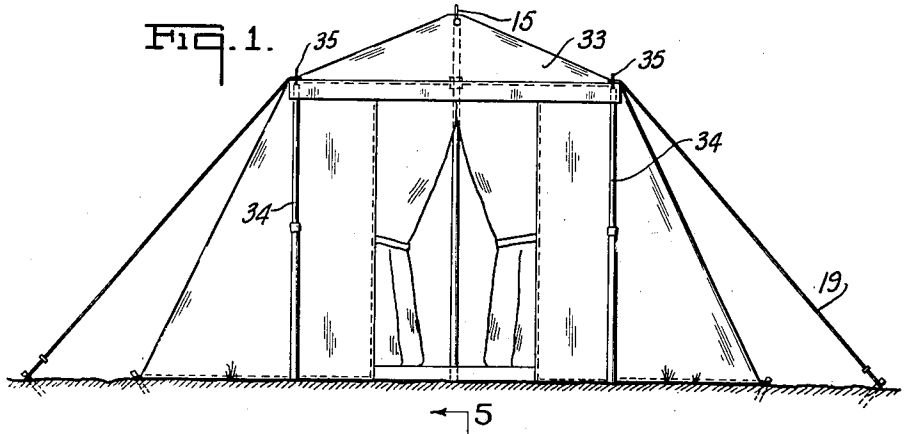
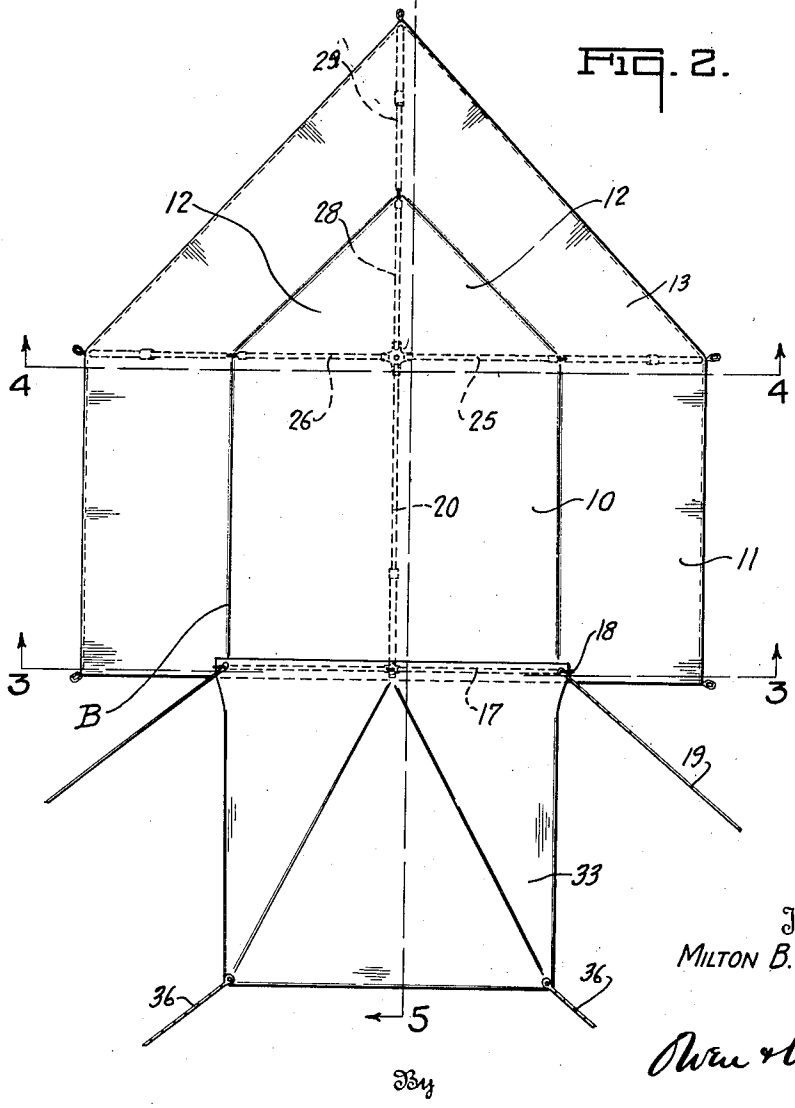


Fig. 2.



Inventor
MILTON B. SMITH

By Owen & Owen

Attorneys

June 12, 1934. M. B. SMITH 1,962,916

TENT

Filed Sept. 14, 1933 2 Sheets-Sheet 2

Fig. 3.

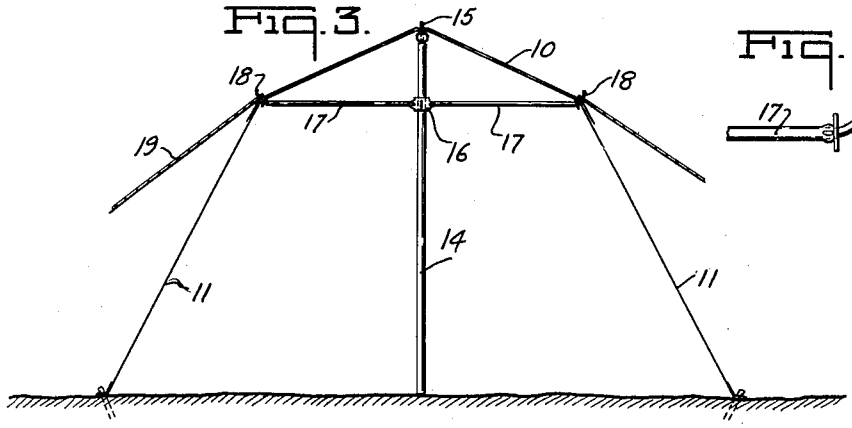


Fig. 6.

Fig. 4.

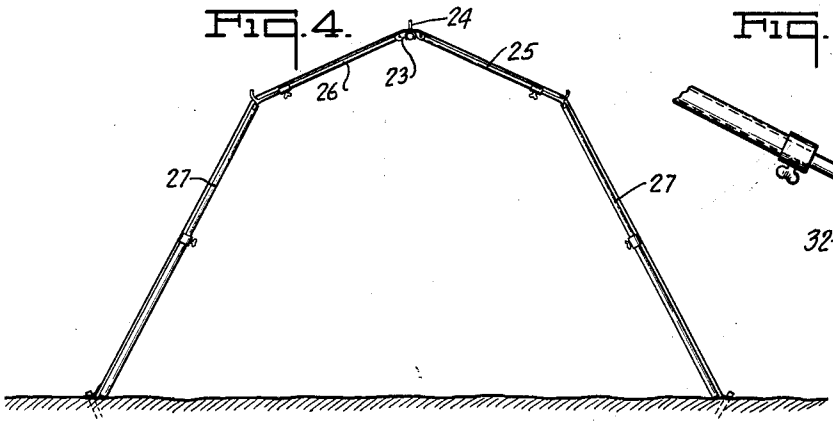


Fig. 7.

Fig. 5.

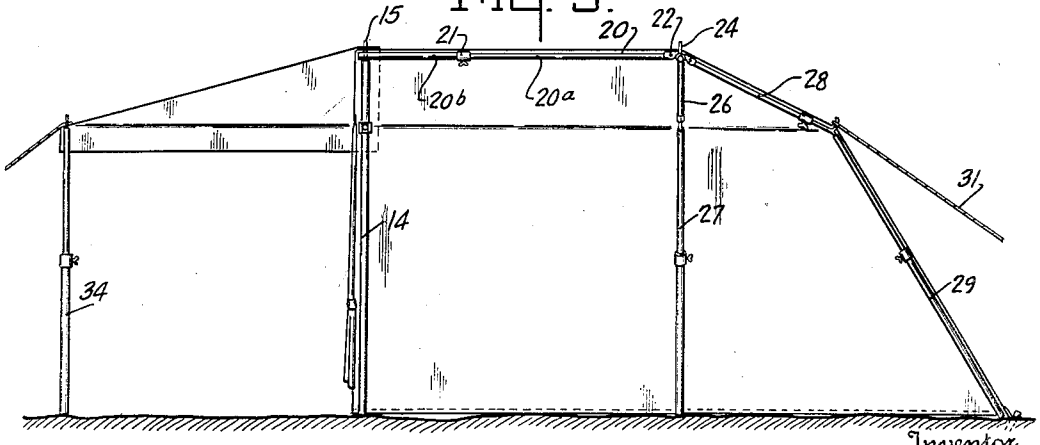
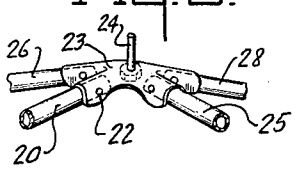


Fig. 8.



Inventor

MILTON B. SMITH

By Owen & Owen

Attorneys

Patented June 12, 1934 1,962,916

UNITED STATES PATENT OFFICE

1,962,916

TENT

Milton B. Smith, Perrysburg, Ohio, assignor to The Hettrick Manufacturing Company, Toledo, Ohio, a corporation of Ohio

Application September 14, 1933, Serial No. 689,453

4 Claims. (Cl. 135—1)

This invention relates to tents, and an object is to produce a simple and inexpensive tent having characteristics of so-called wall and umbrella tents, and so designed as to provide the maximum amount of floor space and head room at an exceedingly low cost.

Another object is to produce a frame for a tent of the above character which is inexpensive in construction, simple to erect, and capable of being compacted in a relatively small space when not in use.

Other objects and advantages of the invention will hereinafter appear, and, for purposes of illustration, but not of limitation, an embodiment of the invention is shown in the accompanying drawings in which:

Figure 1 is a front elevation of the tent;

Figure 2 is a top plan view of the tent shown in Figure 1;

Figure 3 is a transverse sectional elevation on the line 3—3 of Figure 2;

Figure 4 is a transverse sectional elevation on the line 4—4 of Figure 2;

Figure 5 is a longitudinal sectional elevation on the line 5—5 of Figure 2;

Figure 6 is an enlarged detail view of an end portion of the one of the rods extending laterally from the upright post;

Figure 7 is an enlarged detail view showing one of the connections between the laterally extending arms and the legs; and

Figure 8 is a perspective of a portion of the mounting bracket.

The illustrated embodiment of the invention comprises a tent having a body portion B consisting of a hip roof having oppositely extending downwardly inclined roof portions 10, and depending downwardly and outwardly from the lower edge of the roof portions 10 are wall portions 11. It will be noted that the wall portions 11 are joined to the roof portions 10 adjacent the upper portion of the tent, as particularly shown in Figure 3, thus affording considerable head room as well as floor space. The portion of the tent above described simulates the usual form of a wall tent wherein the side walls are joined directly to the inclined top or roof, except in this instance the side walls instead of extending vertically downwardly, incline outwardly and are joined to the roof portions much higher above the ground.

It will be observed that the rear portion of the tent simulates a portion of a well-known umbrella tent. It might be said that the rear portion of this tent comprises one-half the usual umbrella tent, and it would be considered that the umbrella tent is divided diagonally between the corners. It will be noted that joined to the rear end of the top or roof walls are triangular portions 12 which incline downwardly and outwardly in opposite directions. The lower edge of the triangular portions 12 is co-entensive with the line of connection between the roof 10 and side walls 11. Depending downwardly and outwardly from the lower edge of the triangular portions 12 are side wall portions 13, which are joined to the side wall portions 11 at one edge and to themselves at the rear edge portions. These portions may be integrally connected or may be in separate pieces sewn together in the usual manner. It will be apparent from the above description that a tent is provided which has a relatively large floor space and relatively sizable head room, and, as will hereinafter appear, the frame is so constructed and designed as to afford a minimum amount of space and yet provide a sturdy and rigid support for the tent.

The frame for the tent comprises a center pole or upright post 14 for the front end, a pin 15 being mounted on the upper end of the pole and extending through an opening provided therefor in the roof of the tent. Mounted on the post 14 in any suitable manner for vertical adjustment thereon is a bracket 16, from which extend in opposite directions arms 17, which have upwardly curved end portions 18 extending through openings in the adjacent tent structure. From the outer ends of the arm 17 lead guy ropes 19, which are secured at their outer ends in any suitable manner.

Providing the ridge pole for the tent is an extensible arm 20 consisting of two parts 20^a and 20^b which telescope with each other and are held in adjusted position by a suitable fastener 21. The end of the rod 20^b is provided with a transverse opening which is slipped over the pin 15 on the upper end of the post 14. The opposite end of the ridge pole part 20^a is pivotally connected at 22 to a bracket or mounting 23, which has an upright pin 24 which extends through an opening provided in the tent structure. Pivotally connected to the opposed portions of the bracket 23 and extending at substantially right angles to the ridge pole 20 are extensible arms 25 and 26 composed of telescoping parts adapted to be held in adjusted position by a fastening device similar to that heretofore described. The outer ends of each of the arms 25 and 26 are detachably connected respectively to extensible legs 27, which incline downwardly and

outwardly, and may be adjusted as to height according to the contour of the ground, these parts also telescoping and being adapted to be held in adjusted relation by a suitable fastener.

Pivoted to the mounting bracket 23 substantially in alignment with the ridge pole 20 is an extensible arm 28, which is detachably connected at its lower end to a downwardly and rearwardly inclined extensible leg 29. It will be seen that the arm 28 is disposed between the triangular portions 12 of the umbrella-like portion of the tent, and serves as the rear support therefor.

Each of the extensible arms 25, 26 and 28 are provided at their outer ends with upwardly extending hook portions 30 to receive guy ropes 31 and downwardly inclined extensions 32 which are adapted to extend into tubular upper end portions of the legs 27 and 29 respectively. It will thus be apparent that the legs may be readily assembled and disassembled, and the arms 20, 25, 26 and 28 compacted together in a relatively small space since the arm portions may be telescoped together and swung relatively to the mounting bracket 23 into a compact space. Also the legs 27 and 29 can be telescoped into a small space so that when the frame is disassembled, it occupies a minimum amount of space.

Connected to the front end of the tent is an awning 33, which inclines forwardly and downwardly, the rear portion being apertured to slip over the hooked ends 18 of the arms 17 and pin 15. The front end portion of the awning may be supported by a pair of extensible posts 34 having pins 35 at their upper ends to extend through openings provided in the front end portion of the awning. Guy ropes 36 may lead outwardly from the front end of the awning 33 for holding the same taut.

It is to be understood that numerous changes in details of construction and arrangement may be effected without departing from the spirit of the invention, especially as defined in the appended claims.

What I claim as new and desire to secure by Letters Patent is:

1. A tent frame comprising an upright post, a pair of arms extending in opposite directions from the upper portion of said post, a ridge pole connected at one end to said post, a mounting for the opposite end of said ridge pole, a pair of arms secured to said mounting and extending downwardly in opposite directions, downwardly and outwardly inclined legs connected to the outer ends of said last arms, a fifth arm connected to said mounting and disposed at substantially right angles to said last arms, and a downwardly and outwardly inclined leg connected to said fifth arm.

2. A frame for a tent having a hip roof portion and an umbrella-like portion comprising an upright post or center pole for one end portion of the hip roof portion, laterally extending arms on the upper end portion of said post, a ridge pole connected at one end to said center pole, a mounting for the opposite end of said ridge pole having an upright pin for engaging said umbrella-like portion, laterally extending arms secured to said mounting, downwardly and outwardly extending legs connected to said arms respectively, a rearwardly extending arm connected at one end to said mounting, and a downwardly and outwardly inclined leg connected to the opposite end of said last arm.

3. A frame for a tent comprising an upright post for one end portion of the tent, laterally extending arms on the upper end portion of said post for spreading the side walls of the tent, an extensible ridge pole connected at one end to said post, a mounting providing a pivotal connection for the opposite end of said ridge pole, a plurality of arms radiating from said mounting, and legs respectively connected to said arms, thereby to support the opposite end portion of the tent.

4. A frame for a tent comprising an upright post for supporting one end portion of the tent, laterally extending arms on said post for engaging opposite side portions of the tent, means for supporting the opposite end of the tent, said means comprising a mounting, an extensible ridge pole pivoted to said mounting and engageable with said post, a plurality of arms pivoted to said mounting and radiating therefrom, and downwardly and outwardly inclined extensible legs detachably secured to the outer ends of said arms respectively.

MILTON B. SMITH.