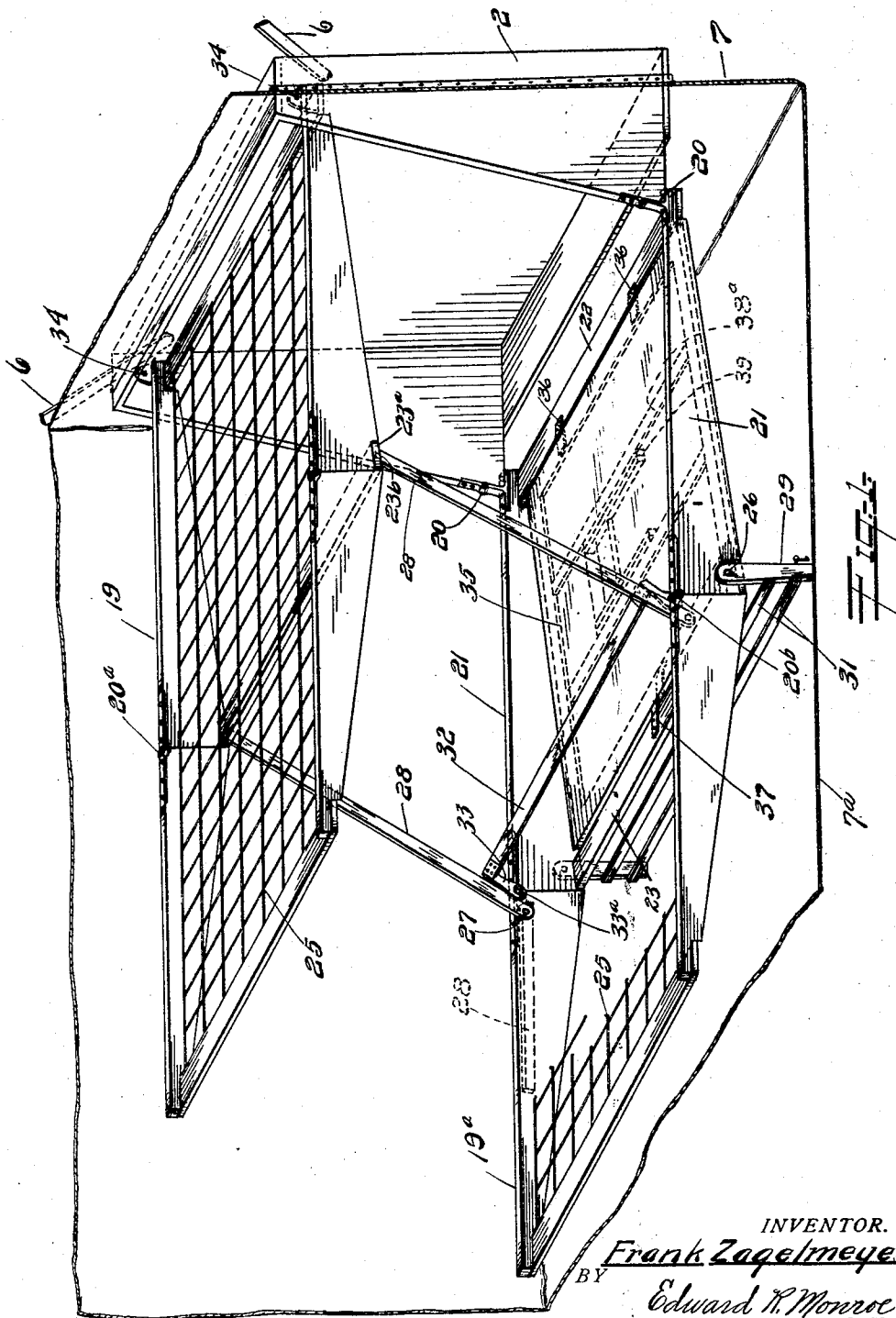


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APPLICATION FILED FEB. 25, 1918.

1,304,440.

Patented May 20, 1919.  
3 SHEETS—SHEET 1.

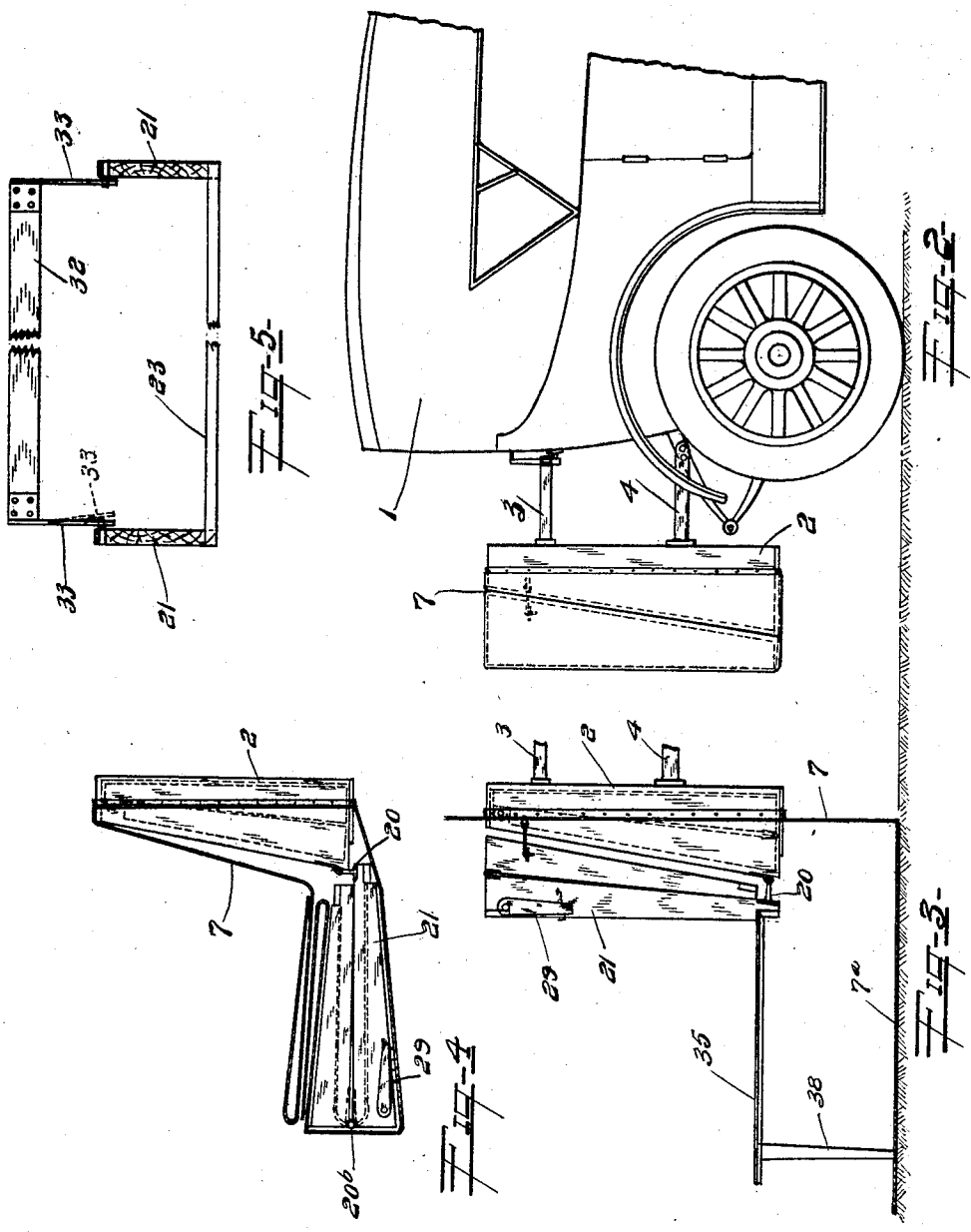


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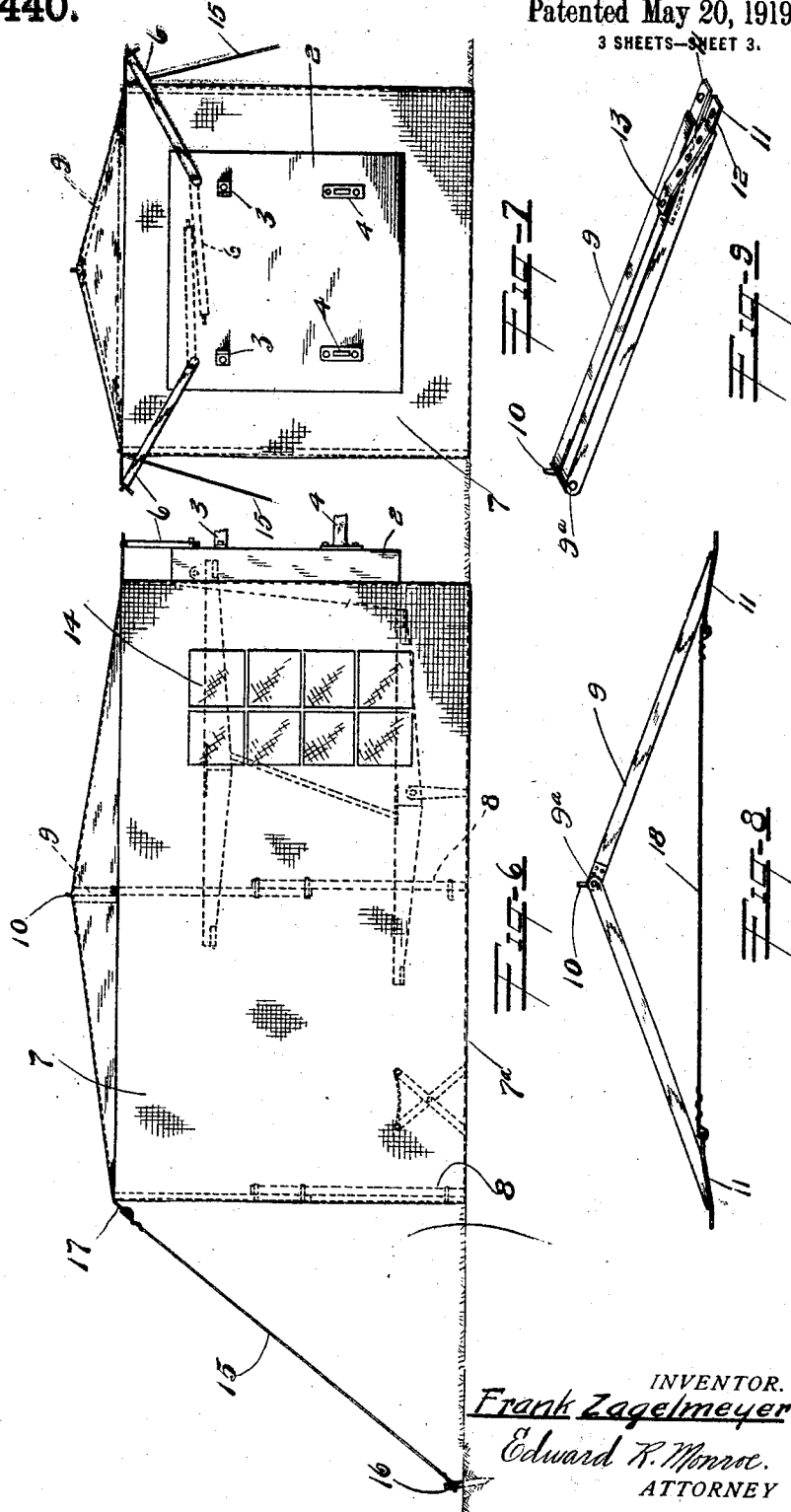


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# UNITED STATES PATENT OFFICE.

FRANK ZAGELMEYER, OF BAY CITY, MICHIGAN.

## CAMPING OUTFIT.

1,304,440.

Specification of Letters Patent.

Patented May 20, 1919.

Application filed February 25, 1918. Serial No. 219,161.

*To all whom it may concern:*

Be it known that I, FRANK ZAGELMEYER, a citizen of the United States of America, residing at Bay City, in the county of Bay and State of Michigan, have invented certain new and useful Improvements in Camping Outfits, of which the following is a specification.

The invention relates to a camping outfit.

The object of the present invention is to provide a simple, practical and efficient camping outfit adapted to be readily adapted to any automobile and capable of being compactly folded so as not to present a clumsy appearance and adapted to be readily arranged for use.

A further object of the invention is to provide a camping outfit equipped with a tent, upper and lower foldable berths, a table and chairs and to enable the automobile to support one end of the tent and to permit the berths and the table to be readily operated to permit either to be arranged for use.

With these and other objects in view the invention consists in the novel construction and arrangement of parts hereinafter fully described and illustrated in the accompanying drawings and pointed out in the claims hereto appended, it being understood that various changes in the form, preparation and minor details of construction within the scope of the claims may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings:—

Figure 1 is an isometric view of a portion of the camping outfit, the foldable berths being shown in an open position.

Fig. 2 is a side elevation showing the outfit folded and attached to the rear of an automobile.

Fig. 3 is a side view, the berths being folded and the table unfolded and arranged for use.

Fig. 4 is a detail view illustrating the manner of folding the berths and the tent into the same for packing.

Fig. 5 is a detail view illustrating the construction of the mattress retaining means.

Fig. 6 is a side elevation showing the tent pitched for camping.

Fig. 7 is an end elevation of the same.

Fig. 8 is a detail view of the ridge pole of the tent showing the same extending for use.

Fig. 9 is a detail view illustrating the manner of folding the ridge pole.

Like numerals of reference designate corresponding parts in the several figures of the drawings.

In the accompanying drawings in which is illustrated the preferred embodiment of the invention, the camping outfit comprises in its construction a casing 2 having tapered side walls and designed to be attached to the body 1 of an automobile by upper and lower members 3 and 4, the lower member 4 being preferably connected to the springs or other suitable portion of the vehicle at the lower portion thereof and the top member 3 being suitably secured at the upper portion of the rear end of the body 1. The upper and lower arms or members 3 and 4 are horizontally arranged and they may be attached to the case 2 in any desired manner. Attached to the upper portion of the case 2 are inclined supporting arms or members 6 diverging upwardly, preferably consisting of straps or braces, and adapted to serve as a support for the forward portion of the top of a tent 7 tacked or otherwise secured to the casing or support 2 at the top, bottom and sides as shown whereby the automobile is adapted to form a support for the forward end of the tent.

The central and back portion of the tent are supported by adjustable poles 8 preferably pointed at the top to fit any suitable gromets in the tent and composed of upper and lower relatively adjustable or telescopic sections provided with suitable means for securing them in their adjustment for enabling the poles to be lengthened and shortened as required.

The central portion of the tent is supported at the top by a ridge pole 9 composed of two bars or members pivotally connected at one end at 9<sup>a</sup> to enable them to be folded as illustrated in Fig. 9 of the drawings and also to be arranged at an angle of inclination as shown in Fig. 8 for supporting the top of the tent. The ridge pole is provided with a pin or projection 10 for engaging the canvas or other material of the top of the tent and the said bars or sections of the ridge pole are tapered at their outer or free ends and are provided thereat with plates or pieces 11 having openings 12 and 13. The openings 12 are adapted to receive the pointed upper ends of the adjacent poles

8 to enable the said plates or members to fit over the said upper ends of the poles 8 and connect the ridge pole or support with the same and the other opening 13 receive a flexible connection 18 consisting of a cable or the like and adapted to connect the lower ends of the bars or sections 9 of the ridge pole and form a tie-member to limit the outward movement of the same. The detachable connection of the bars or members of the ridge pole with the side poles 8 and the top of the tent will enable the ridge pole or support to be relatively placed in operative position and removed therefrom and folded when pitching and folding the tent.

The tent is also provided at opposite sides with windows 14 designed to be covered with suitable material and adapted to permit a free circulation of air through the tent so that perfect ventilation of the same will be afforded. The flap or outlet of the tent is located at the rear thereof and bracing or guy ropes 15 are connected with and extend outwardly from the rear end of the tent as clearly shown in Fig. 6 of the drawings. The ropes 15 are connected with the top of the tent adjacent to the rear poles 8 to a flap 17 and they are secured at their lower ends to suitable ground stakes 16 in the usual manner. The tent is provided with a floor 7<sup>a</sup> of canvas or other material of which the tent is constructed so that the tent will be proof against insects and flies which ordinarily gain access to the common form of tents.

The camping outfit is equipped with upper and lower berths 19 and 19<sup>a</sup> constructed substantially the same and composed of sides 21 and suitable transverse connecting bars or members. The sides which taper from the center to the ends are split centrally to form two sections and are hinged together at their upper edges by suitable hinges 20<sup>a</sup> and 20<sup>b</sup> and when they are extended and arranged for use as illustrated in Fig. 1 of the drawings, their upper edges are horizontal and are arranged in alinement while their lower edges are oppositely inclined. The side bars or members of the lower berth are connected by suitable hinges 20 to the case 2 at the lower ends or opposite sides thereof and the inner ends of the side bars or members of the upper berth are connected with the case 2 at the inner faces of the side walls thereof and adjacent to the top of the same by suitable hinges 34. This construction will permit the upper berth to fold downwardly and inwardly into the case 2 and the lower berth to fold inwardly and upwardly contiguous to the upper berth, the tent being folded and received between the upper and lower berths as illustrated in Fig. 4 of the drawings. The berths are equipped with springs 25 suitably attached to the side members and the transverse connecting members

which are located at the ends of the berths. The oppositely tapered side bars or members of the berths provide a strong construction and the upper berth is supported by foldable inclined braces 28 located at opposite sides of the berths and pivotally connected at their lower ends at 27 to the inner faces of the side bars or members of the lower berth and having their upper ends detachably fitted in recesses or pockets 23<sup>b</sup> of the transverse connecting bar 23<sup>a</sup> of the upper berth. The lower ends of the braces 28 which extend upwardly and inwardly are carried by the outer sections of the side bars or members of the lower berth and are foldable between the same when not in use. The lower berth is also equipped with supporting legs 29 pivoted at their upper ends at 26 to the side bars or members of the lower berth at the outer ends of the inner sections of the said side bars or members and connected by transverse bars 31. The pivoted legs are located centrally below the lower berth when they are arranged for use, and they are provided with suitable means such as a hook and eye for securing them in their folded position against the inner sections of the side bars or members of the lower berth. The berths are also provided with hooks and eyes for securing them in their folded position as shown in Fig. 3 of the drawings and in order to hold the mattress and bed clothing of the lower berth in proper position the said lower berth is equipped with a yoke or member 32 extending across the central portion of the berth and provided with sides or arms 33 having perforations 33<sup>a</sup> and constructed of metal or other suitable resilient material to enable them to be readily sprung into and out of engagement with the pintles of the hinges of the sections of the side bars or members of the lower berth. This will retain the mattress and bed clothing in proper position as illustrated in dotted lines in Fig. 4 of the drawings. The manner in which the mattress and bed clothing of the upper berth are folded renders it unnecessary to provide a similar yoke or retaining member for holding the said mattress and bed clothing of the upper berth in their folded position. The lower berth is also equipped with a table 35 hinged at 36 to the inner end connecting bar or member 22 of the lower berth and held in its supported position at its other end by means of suitable latches or catches 37 carried by the central transverse connecting bar or member 23. The foldable table is equipped with folding legs 38, and is also provided with cross members 38<sup>a</sup> between which are adapted to be placed camp chairs 39 when in their folded position, said camp chairs being retained in place by suitable clips. The table 35 which is hinged or pivoted at its inner end to the inner end of the lower berth is adapted to

be readily swung downward to a horizontal position from the lower berth when the latter is folded as illustrated in Fig. 3 of the drawings, and when it is desired to lower the berths the table is swung upward to its folded position and is secured therein prior to lowering the berths and it does not interfere with the operation of the latter.

It will therefore be seen that the camping outfit which is very compact and light in weight can be easily and quickly assembled, and can be readily attached to an automobile and that the two berths compactly fold against the case or support and open inwardly into the tent.

What I claim is:

1. A camping outfit including a case designed to be mounted on an automobile or other vehicle and upper and lower berths hinged to the case, the upper berth being foldable inwardly and downwardly and the lower berth being foldable inwardly and upwardly.

2. A camping outfit including a case designed to be mounted on an automobile or other vehicle and upper and lower berths having side bars or members hinged at the inner ends to the case and composed of inner and outer sections hinged together at their upper edges and the upper berth being arranged to fold inwardly and downwardly and the lower berth inwardly and upwardly into overlapping relation.

3. A camping outfit including a case designed to be mounted on an automobile or other vehicle and upper and lower berths having side bars or members hinged at the inner ends to the case and composed of inner and outer sections hinged together at their upper edges and the upper berth being arranged to fold inwardly and downwardly and the lower berth inwardly and upwardly into overlapping relation, and foldable braces pivotally connected with the outer section of the lower berth and extending upwardly to and arranged to support the inner section of the upper berth.

4. A camping outfit including a case designed to be mounted on an automobile or other vehicle and upper and lower berths having side bars or members hinged at the inner ends to the case and composed of inner and outer sections hinged together at their upper edges and the upper berth being arranged to fold inwardly and downwardly and the lower berth inwardly and upwardly into overlapping relation, foldable legs supporting the lower berth and foldable braces

extending from the lower berth to the upper berth and carried by one of the said berths.

5. The combination of a folding berth composed of inner and outer sections, hinged together, and a transversely disposed retaining device extending across the berth and connected with the same at the hinged ends of the sections and adapted to hold the bed clothing and springs and prevent the same from bulging at the bend formed by the folding of the berth.

6. The combination of a folding berth composed of inner and outer sections, hinged together and a transversely disposed spring retaining device consisting of a yoke extending across the berth at the hinged ends of the sections thereof and connected with the said ends and arranged to hold the bed clothing in the bend formed by the folding of the said sections, whereby the bed clothing is prevented from bulging at the hinged ends of the sections and interfering with the folding of the berth.

7. The combination of a folding berth composed of inner and outer sections hinged together, a transversely disposed spring retaining device consisting of a yoke extending across the berth and provided at opposite sides with resilient arms detachably engaging the said sections, and adapted to spring in and out of engagement with the same, said yoke being arranged to hold the bed clothes and prevent the same from bulging at the bend formed by folding the sections of the berth.

8. A camping outfit including a case having tapered side walls and upper and lower berths hinged to the case at the upper and lower portions thereof and provided with oppositely tapered side bars or members divided intermediate of their ends and hinged together to permit the berths to fold with relation to the case.

9. A camping outfit including a support designed to be mounted on an automobile or other vehicle, upper and lower berths hinged to the support one above the other, the upper berth being foldable downwardly and the lower berth being foldable upwardly.

10. A camping outfit including a support designed to be mounted on an automobile or other vehicle, upper and lower berths hinged to the support one above the other, said berths being composed of hinged sections and foldable inwardly one over the other.

In testimony whereof I affix my signature.

FRANK ZAGELMEYER.