

Feb. 17, 1925.

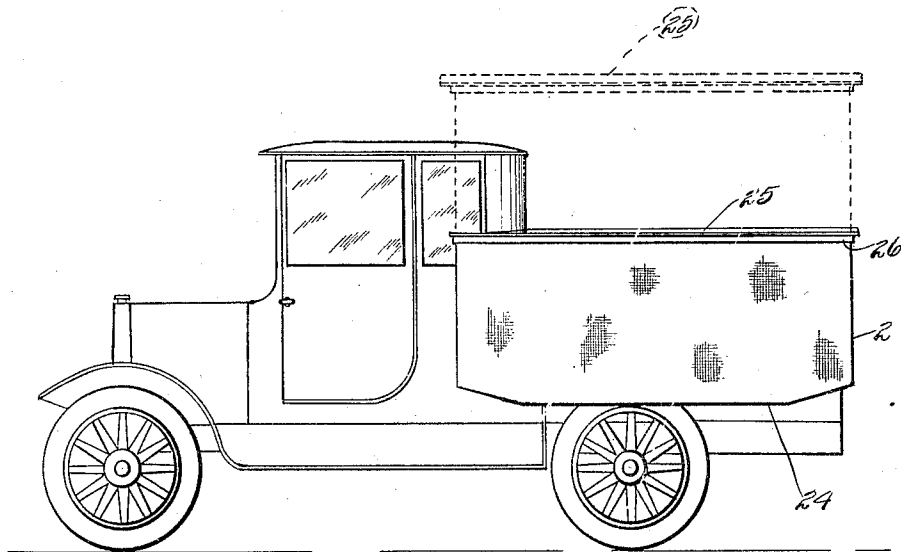
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F. ZAGELMEYER

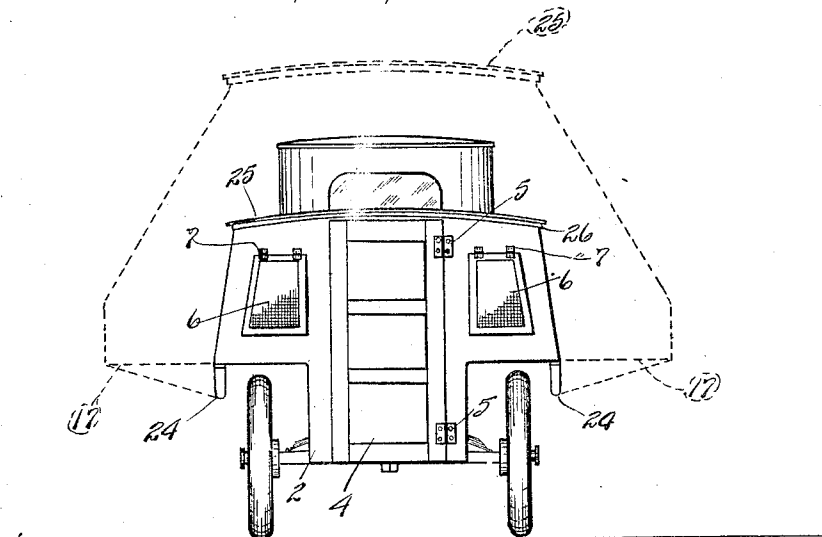
CAMPING OUTFIT

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3 Sheets-Sheet 1



~~Fig. 1~~



~~Fig. 2~~

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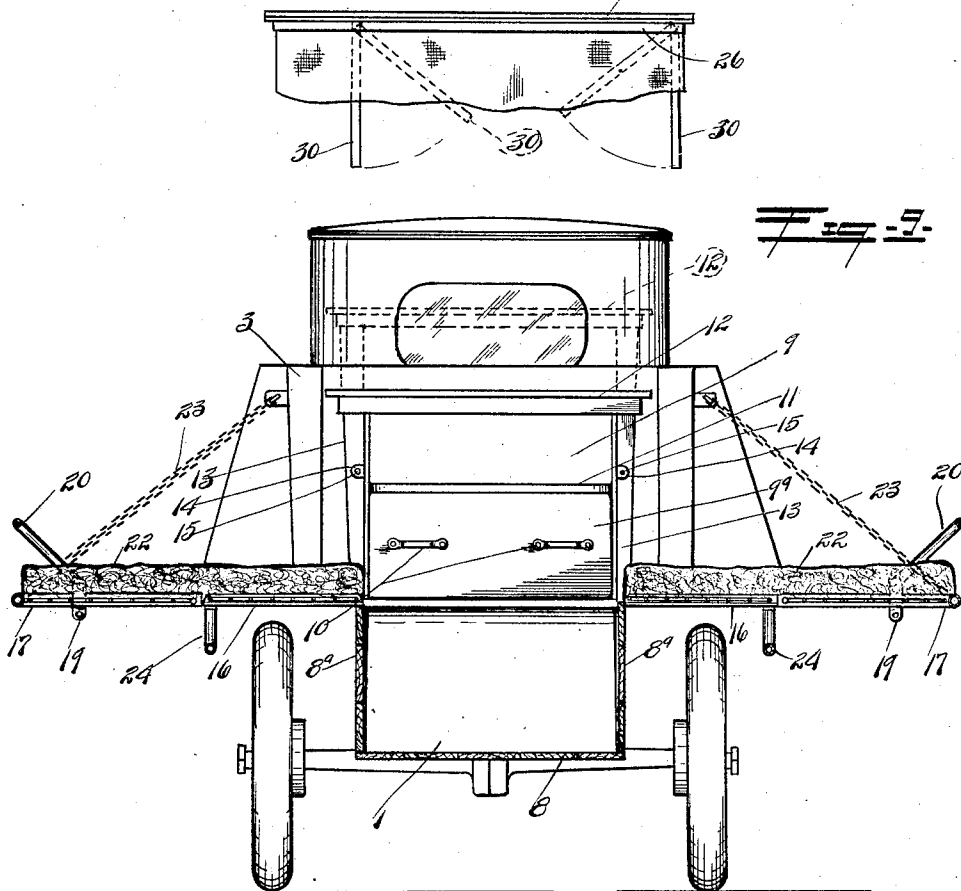


Fig. 2

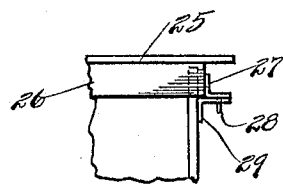
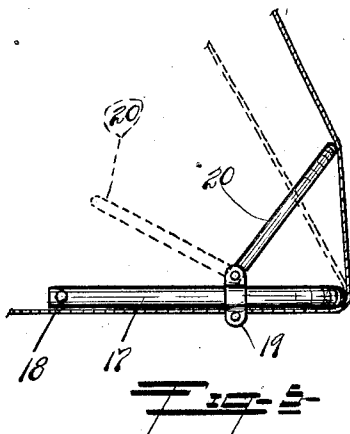


Fig. 4

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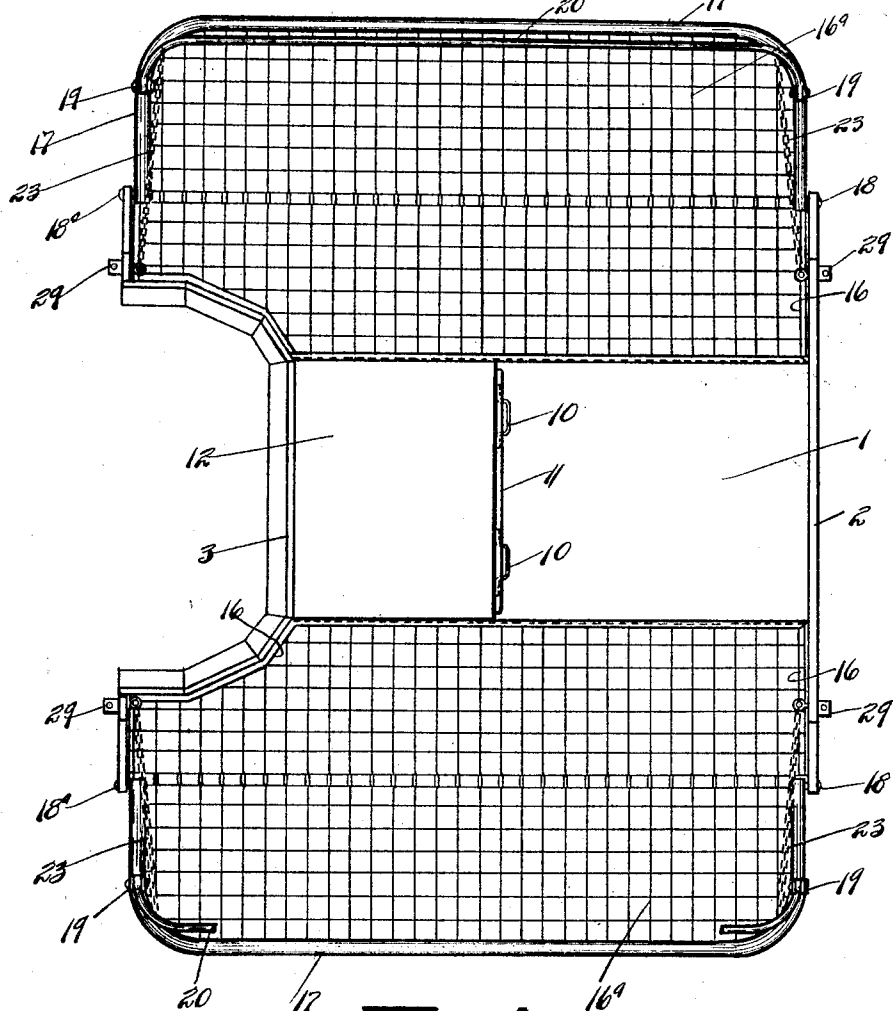


Fig. 5

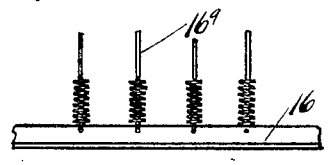


Fig. 6

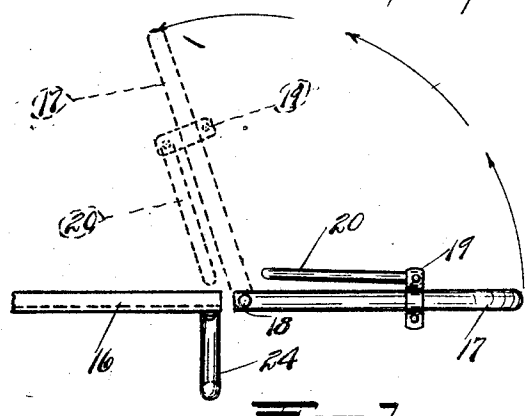


Fig. 7

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# UNITED STATES PATENT OFFICE.

FRANK ZAGELMEYER, OF BAY CITY, MICHIGAN.

## CAMPING OUTFIT.

Application filed January 16, 1922. Serial No. 529,567.

*To all whom it may concern:*

Be it known that I, FRANK ZAGELMEYER, a citizen of the United States of America, and a resident of 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.

This invention relates to camping outfits, and particularly to a camping outfit which can be mounted on the commercially named "Ford coupé" or similar vehicle.

One object of the invention is to provide a simple and practical camping outfit which will be light in weight, which can be easily and quickly opened and arranged for use, and which can also be readily collapsed for travel on the road.

Another object of the invention is to so arrange the camping outfit that it will have ample sleeping space to comfortably accommodate two grown people, together with two children when necessary.

A still further object of the invention is to provide a camping outfit which can be applied to and carried by the ordinary Ford automobile coupé, which will be properly balanced thereon, and have ample length to properly accommodate the berth occupants.

The above and other objects will appear as the specification progresses, reference being had to the accompanying drawings, in which I have shown the preferred embodiment of my invention, it being however understood that changes may be made in the form, size, proportion and minor details of construction without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings:—

Fig. 1 is a side view of the well known "Ford coupé" the camping outfit being shown mounted in place thereon, the full lines illustrating it collapsed for travel, and the dotted lines illustrating it raised and ready for use.

Fig. 2 is a rear view of Figure 1, the full lines illustrating the outfit collapsed for travel, and the dotted lines illustrating it unfolded and raised for use.

Fig. 3 is an enlarged transverse sectional view illustrating the folding berths, drawers and other accommodations, the dotted lines illustrating the table raised.

Fig. 4 is an enlarged fragmentary detail of one top corner of the structure showing

how it is centered and held in position on the body when the outfit is collapsed.

Fig. 5 is a fragmentary end view of the outer section of one of the berths, illustrating the means for holding the canvas sides so that the entire width of the berths can be utilized.

Fig. 6 is an enlarged top plan view of the interior of the outfit, the top being removed and the berths being shown in open extended position.

Fig. 7 is an enlarged end view of one of the berths, the dotted lines illustrating it folded and the arrows illustrating the arc of travel when folding.

Fig. 8 is an enlarged detail of the frame illustrating how the springs are secured in place.

Fig. 9 is a side view illustrating the stays for holding the roof in raised position.

As above stated the camping outfit is designed to be attached to a "Ford coupé," these coupé bodies are built to accommodate and have seating capacity for but two people, consequently, it will be understood that space is necessarily limited, the chassis is also very short and the entire machine is of very light construction. In designing and building an outfit to suit a vehicle of the type described there are several very important points to be considered, first, it must be of light and durable construction, and must be properly balanced on the vehicle so that the riding qualities of the coupé body will not be destroyed, second, it must be sufficiently low when collapsed so that the driver's vision may not be obstructed as he must be able to see back over the top in order that he may know when to signal for turning, backing up, etc., and it must also be fitted to the top of the rear-deck and serves as a top therefor, the legs 13 thereof lying adjacent the rear-deck walls which are provided with clips 14 having openings therein adapted to register with similar openings provided in the table legs, these are adapted to receive a small rod 15 for locking the table securely in place when traveling, but it will be understood that the table can be entirely removed or raised as clearly shown in dotted lines in Fig. 3 of the drawings.

The front wall of the outfit embraces the coupé body proper, and both front and rear walls are provided with angle strips 16, one flange of which is rigidly secured thereto,

the other leg having openings provided therein for receiving the ends of the wires which form the springs 16<sup>a</sup> as clearly shown in Fig. 8 of the drawings, and this forms the rigid non-foldable section of the berth, the opposite folding section comprises a tubing frame 17, the ends of the tubing being pivotally secured to the front and rear walls at the points 18 and 18<sup>a</sup> so that it can be swung upwardly and inwardly as clearly shown in Fig. 7, this frame is also provided with springs similar to the rigid section, and these sections of springs are secured together to form one complete berth. Clamps 19 are secured to the ends of the outer frames 17 and a yoke or tent support 20 is pivoted thereto, and when the two berths are in open extended position, this member 20 holds the canvas so that it extends vertically, forming a straight side wall for the berth, thereby allowing the entire width of the berth to be utilized, if this were not provided the canvas would extend at any angle inwardly directly from the frame, as illustrated by the dotted lines in Figure 5 of the drawings, consequently the berth occupant would be unable to sleep near the outer edge as there would not be sufficient height at this point. When the berth is folded this support is swung inwardly as illustrated in dotted lines in Figure 5, so that when the outer section is folded inwardly this support will retain the mattress and bed clothing 22 in their proper position.

These outer berth sections are supported in their extended open positions by means of chains 23, one end of the chains being anchored to the frame in any suitable manner, while the opposite ends are anchored to eyes extending through plates secured to the end walls. It will of course be obvious that one end of the berths will be wider than the other, but this will be immaterial, as the occupants will sleep with their heads to the rear of the machine, their feet occupying the restricted end of the berth, and should children be accompanying the travelers, they will naturally sleep on the restricted side which will be of ample length to accommodate them. The springs 16 can be made up in any desired form and it will be obvious that they must be taut and considerable tension exerted thereon, consequently I find it advisable to reinforce the frame by providing a brace 24 which is in the form of a truss being bent at both ends and secured to the angles by means of bolts or the like.

The top 25 is of rigid construction being made up of a plurality of ribs having a suitable weatherproof covering. A frame 26 is provided around the outer edge of the roof, canvas connecting the roof to the walls of the camping outfit proper, when the outfit is collapsed the roof will of course rest on the front and rear walls and I therefore provide

a short angle section 27 at each corner which I secure to the frame, and which is formed with a downwardly projecting pin 28. A similar angle section 29 is secured to the front and rear wall corners and these sections are provided with an opening therein in direct vertical alinement with the pin 28 so that when the top is lowered these pins will enter the openings in the angles 29 and will hold the roof in proper centered position on the walls when the outfit is collapsed.

The roof is held in its raised position by means of stays 30 which are hinged to the ridge pole of the roof, these being folded in position against the ridge pole when traveling, and being swung downwardly to rest on the front and rear walls to support the roof when the outfit is arranged for use as shown in Fig. 9.

The side walls and that portion of the ends between the top of the walls and the roof are of canvas which is tacked to the roof frame, frame and end walls making it tight and mosquito proof, the canvas folding inwardly when the structure is collapsed, the canvas above the wheels also serving as a mud guard.

When arranging the outfit for use the occupant enters through the door in the rear wall and standing in the center of the structure, raises the roof to dotted position as shown in Figs. 1 and 2, placing the stays in position on the end walls, the folding sections of the berths are then swung outwardly and the outfit is ready for use.

I also wish to direct attention to the fact that the forward end of the structure is built at an angle away from the body proper of the coupé, so that any torsional twisting of the forward end of the frame which might be transmitted to the coupé body proper and not to the camping outfit, would not cause the coupé body to be scratched or marred by contact with the camping outfit, flat-iron bars can be bolted to the front end wall as shown for reinforcing and holding it in proper position and angle braces or the like are used on the rear wall for properly bracing it to withstand the rack and strains and support the berths, etc.

From the foregoing description it will be obvious that I have perfected a very light, compact and durable camping outfit, which can be readily attached, and which is very comfortable and convenient for use in traveling.

What I claim is:—

1. A camping outfit adapted to be mounted on the rear end of an automobile, one end of the camping outfit embracing the automobile body.

2. A camping outfit adapted to be mounted on an automobile one end thereof embracing the automobile body and a pair of foldable berths in the camping outfit.

3. A camping outfit designed to be mounted on the rear end of an automobile body, laterally foldable berths in the camping outfit, the ends of the foldable sections of the  
5 berths extending alongside of the automobile body.

4. A camping outfit designed to be mounted on an automobile, and comprising front and rear end walls, a frame connecting said  
10 walls, the front wall embracing the automobile body, foldable berths between said walls, a roof centered on the walls and adapted to be raised when the outfit is arranged for use, and means for holding the  
15 roof in raised position.

5. A camping outfit designed to be mounted on an automobile, the front wall of the camping outfit embracing the automobile body, sectional foldable berths in the outfit,  
20 one end of the foldable section extending alongside of the automobile body, means for supporting said section and means for reinforcing the berth.

6. A camping outfit comprising a structure adapted to be mounted on an automobile, the front end embracing and partially surrounding the body, sectional berths carried in said camping outfit, the outer  
25 section of the berths being pivoted to the end walls and adapted to fold upwardly and against the front wall, means for centering the top on the end walls when the structure is collapsed, and means for holding the  
30 roof in raised position when the outfit is arranged for use.

7. A camping outfit designed to be mounted on an automobile, sectional foldable berths in the camping outfit, the outer section being foldable upwardly, a longitudinally extending yoke pivotally secured  
40

to the outer section in spaced relation to the pivoting point for holding the side wall of the structure straight for a distance above the berth when in open extended position, and adapted to retain the mattress and bed  
45 clothing when in its closed folded position.

8. A camping outfit designed to be mounted on an automobile, sectional berths mounted in the camping outfit, the outer section of each berth being foldable upwardly and  
50 extending alongside of the automobile body, a longitudinally extending yoke pivoted to the outer berth section in spaced relation to the said pivoting point, adapted in one position to hold the side wall of the structure  
55 straight for a distance above the berth, and adapted when the berth is folded to retain the mattress and bed clothing in proper position.

9. A camping outfit comprising a structure designed to be mounted on the rear end of an automobile, the front end embracing the automobile body, a door in the rear end, sectional foldable berths in the camping  
60 outfit, the outer section extending alongside the body and being foldable upwardly, flexible means for supporting the outer section, a longitudinally extending yoke pivoted thereto, and hinged stays for holding  
65 the top in its raised position when the outfit is arranged for use.

10. A camping outfit constructed as a separate unit and designed to be mounted on an automobile, one end of the unit embracing the body of the automobile and the  
70 floor of the unit being in the rear and below the rear end of the automobile.

In testimony whereof I affix my signature.

FRANK ZAGELMEYER.