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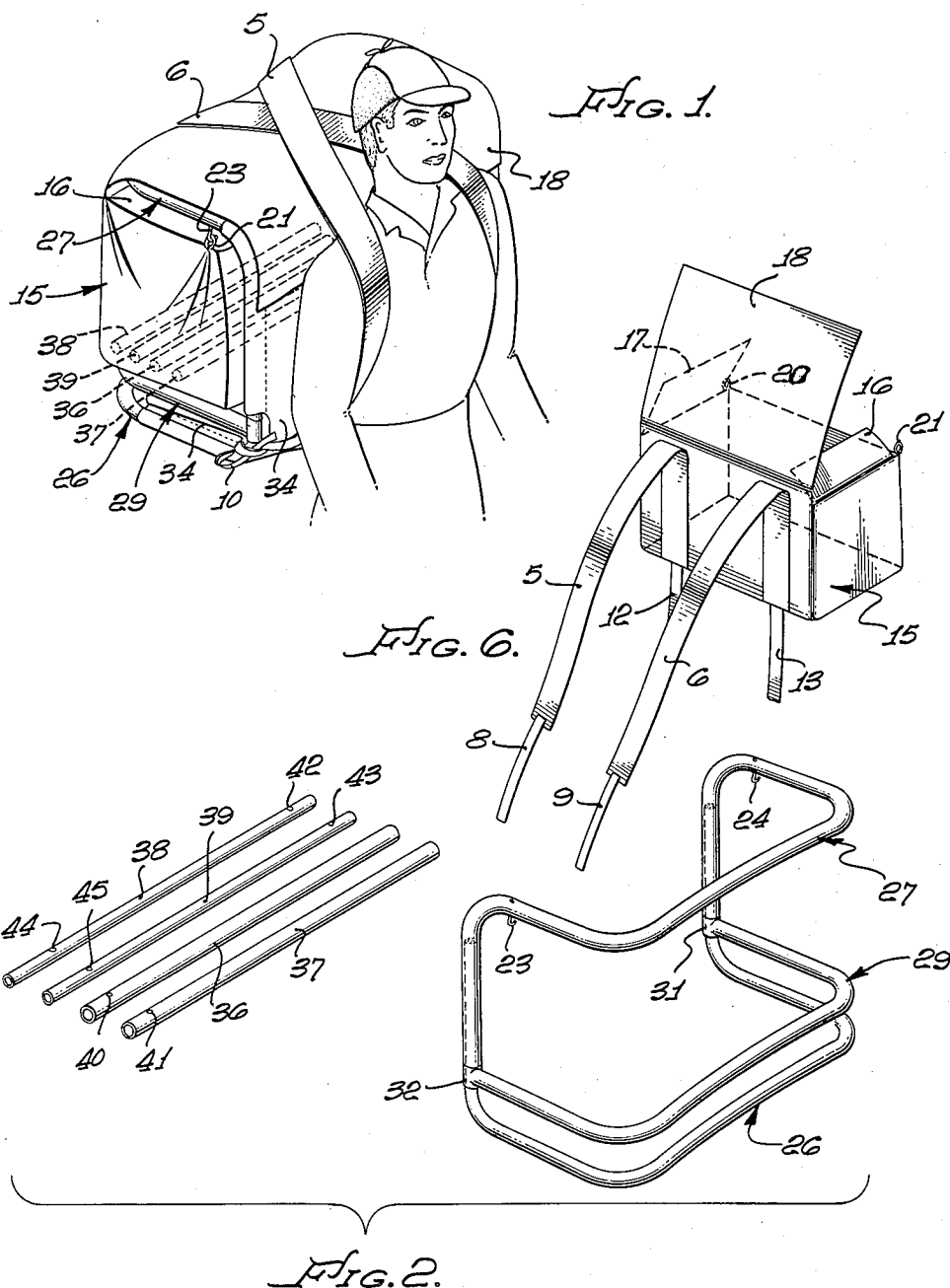
O. M. RAINWATER

2,964,222

CAMP COT PACK

Filed July 13, 1959

2 Sheets-Sheet 1



INVENTOR.
 ORMAN M. RAINWATER
 BY *Carl R. Goshaw*
 ATTORNEY.

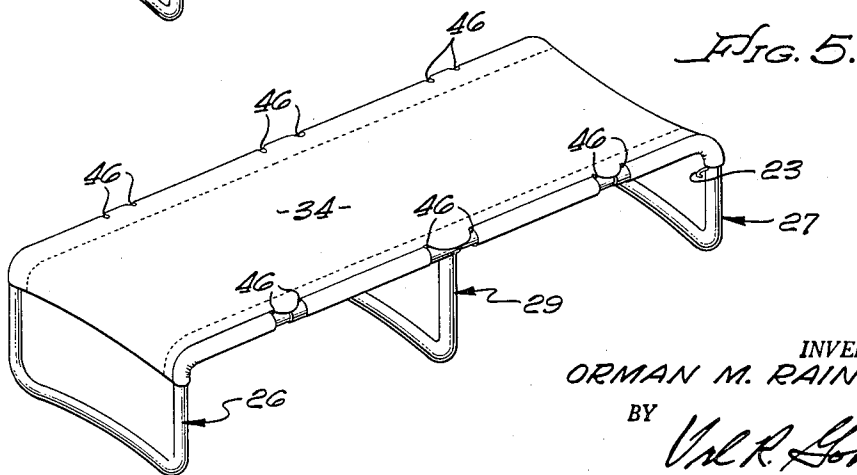
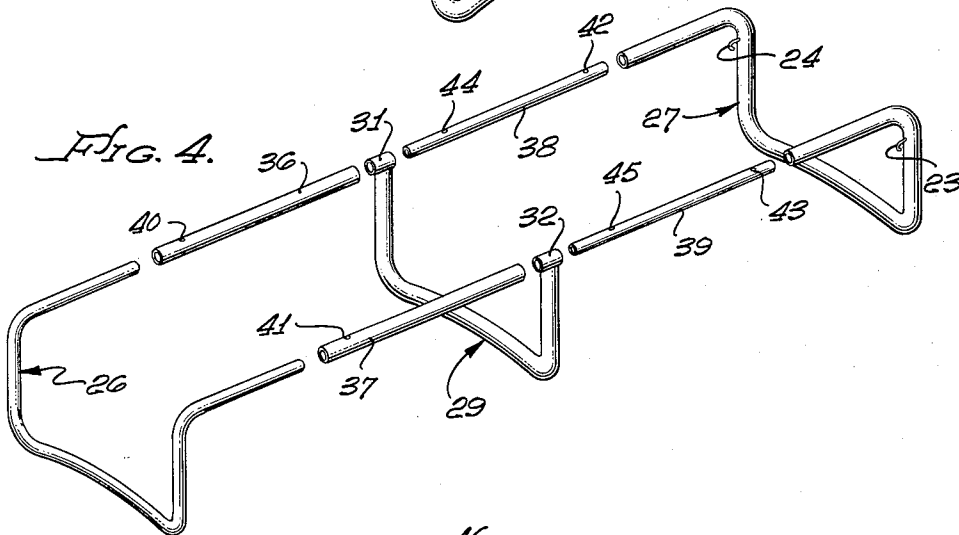
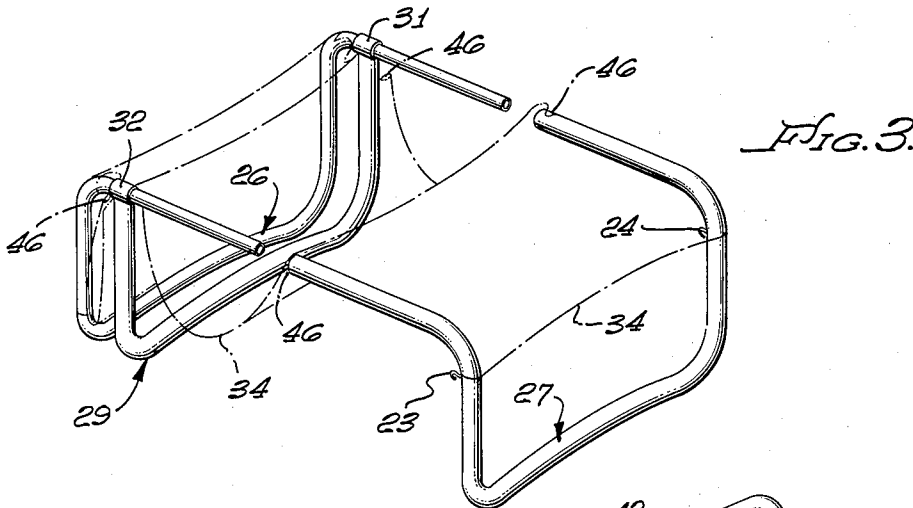
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2 Sheets-Sheet 2



INVENTOR.
ORMAN M. RAINWATER
BY
V. R. Loshaw
ATTORNEY.

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CAMP COT PACK

Orman M. Rainwater, 2551 Midvale Ave.,
Los Angeles, Calif.

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6 Claims. (Cl. 224—9)

This invention relates to camping packs adapted to be carried on the back of a person or by an animal, and particularly to a combination pack and collapsible bed which serves as a protective frame during transportation.

Various types of back packs are known, most of which utilize a bedding roll along with other camping equipment. The present invention utilizes a telescoping bed frame which also functions as a pack frame to protect the other camping equipment which may be placed inside the pack. After the frame is in a collapsed condition, a bag is inserted within the frame in which the various camping equipment may be placed, two straps being provided for passing around and over the shoulders of the person, which straps may also be used to attach the pack to the saddle of a pack animal.

One side of the collapsed frame is formed by the bed canvas, which is then positioned against the back so that no hard element comes in contact with the person carrying the pack. The collapsed frame is of sufficient size to permit a large number of camping items to be placed therein, and since the frame is preferably of light aluminum tubing, the entire pack may be easily carried. Furthermore, the pack frame may be quickly extended to form a comfortable bed or table, which many persons prefer to a bedding roll which is placed directly on the ground.

The principal object of the invention, therefore, is to facilitate the transportation of camping equipment including a bed.

Another object of the invention is to provide an improved camping back pack which includes a comfortable bed forming a protective frame for camping equipment.

A still further object of the invention is to provide an improved light, telescoping bed unit which also serves as a protective and enclosing frame for a back or saddle pack.

A better understanding of this invention may be had from the following detailed description when read in connection with the accompanying drawings, in which:

Fig. 1 is a perspective view showing the pack on the back of a packer;

Fig. 2 is a view of two parts, one showing the pack frame, and the other the interconnecting tubing which extends the pack frame to form a bed;

Fig. 3 is a perspective view showing the frame in partial assembly or disassembly;

Fig. 4 is an exploded perspective view showing the various elements which constitute the bed frame;

Fig. 5 is a perspective view showing the final bed; and

Fig. 6 is a perspective view showing the bag which is inserted within the frame section shown in Fig. 2.

Referring, now, to the drawings in which the same reference numerals identify the same elements, a pack embodying the invention is shown positioned on the back of a packer and held thereon by a pair of cross straps 5 and 6, one pair of ends 8 and 9 being tied, such as shown at 10, around the inner corners of the frame, while the other pair of ends 12 and 13 are tied to the

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lower frame member. The straps are, of course, sewn to a bag 15, which has side flaps 16 and 17, and a top cover flap 18. These straps may also be used to tie the bag on the limb of a tree to keep the bag off the ground when food is contained in the bag.

When the bag is placed within the frame, as shown in Figs. 1 and 2, the eyelets 20 and 21 of the bag are placed on the hooks 23 and 24, while the bottom of the bag will rest on the canvas of the bed which is folded over along the bottom of the frame.

Referring, now, to Figs. 3, 4, and 5, the bed frame has two right angle U-shaped end leg sections 26 and 27 and a center U-shaped leg section 29 having two collars 31 and 32. It will be noted that the bottom portions of the end and center frame sections are slightly concave so that the bed will rest solidly on uneven terrain. The canvas top 34 is fixed over the corners of the end frame member 27 and held in position by screws in the ends of hooks 23 and 24. The canvas extends along the intermediate rods and horizontal portions of the frame members and slightly over the ends of end sections 26 and 27. When the frame is collapsed, as shown in Fig. 2, the canvas 34 is folded along the bottom of the frame since it is slid over the leg sections of frame member 26 as shown in Figs. 1 and 3.

To assemble the frame from its folded position shown in Fig. 2, the end member 27 is first removed from the horizontal portions of section 26, as shown in Fig. 3, the central portion of the canvas 34 being in a loop. Then the central section 29 is removed and one pair of ends of connecting tubes 38 and 39 are inserted in the ends of the horizontal portions of frame section 27 through cut-away openings 46 in the canvas 34 until stopped by pins 42 and 43. The other pair of ends of tubes 38 and 39 are inserted through collars 31 and 32 of central section 29 and then into one pair of the ends of tubes 36 and 37. Pins 44 and 45 limit the position of tubes 38 and 39 in collars 31 and 32 while the collars limit the position of tubes 38 and 39 in tubes 36 and 37, these latter tubes being inserted in the proper cut-away openings 46 in canvas 34. The other pair of ends of tubes 36 and 37 are now telescoped over the horizontal portions of end frame section 26 until stopped by pins 40 and 41. To permit the above-described telescoping action, the outer diameters of end section 26 and tubes 38 and 39 are the same and slightly less than the internal diameters of section 27 and tubes 36 and 37 and the collars 31 and 32.

When the frame is collapsed, such as shown in Fig. 2, the horizontal portions of section 26 are inserted through collars 31 and 32 and into the horizontal portions of the end section 27, as shown by the dotted lines.

The inside of bag 15 may carry the connecting tubes 36—39, inclusive, and a stove, groceries, bedding, fishing and hunting equipment, or any other equipment desired to be packed. It will be noted that the part of the canvas 34 fixed on end section 27 is positioned across the back of the packer which makes a soft pack, while the frame members will protect the contents of the bag 15, particularly when being packed by an animal through trees or heavy brush. In collapsing the frame, it will be noted from Figs. 1 and 3 that the end portion of the canvas on the horizontal portion of section 26, as shown in Fig. 5, is slid over the vertical portion of section 26 to form the lower support for the bag 15, while the central portion of the canvas is folded on the supporting portion thereof.

The bed of this pack is of the type which supports the user off the ground and which is also usable as a table. The bed is strong and light and particularly comfortable. Although the end and central frames are shown U-shaped,

it is to be understood that cross bracing may be used if desired to reduce the weight of the frame members.

I claim:

1. A combination back pack and bed comprising a frame of three separable sections, one of said sections being U-shaped and the other two sections each having two parallel L-shaped members joined at one end of each member by an interconnecting member, said U-shaped section being positioned adjacent the interconnecting member and two parallel portions of said L-shaped members of one of said other sections when formed into a pack, a canvas extending between two parallel portions of said L-shaped members and between the other parallel portions of said L-shaped members, the other of said two sections being spaced from said U-shaped section, two parallel members of said other section telescoping with two parallel members of said first of said other two sections, a bag mounted within said sections and adapted to be connected to the upper portion of said other two sections, and a pair of straps connected to one side of said bag, said straps having ends tyable to the first of said other two sections of said frame and adapted to fit over the shoulders of a person.

2. A combination back pack and bed in accordance with claim 1 in which is included a plurality of tubes for interconnecting said sections, said tubes being separable and telescopically connectable through the ends of said U-shaped section member and between certain parallel members of said other two sections to form a bed when said canvas is mounted on said connecting tubes and portions of said frame sections.

3. A combination back pack and bed comprising three separate sections having the same relative transverse positions when forming a back pack and when forming a bed, two of said sections being end sections and each having two L-shaped members joined at one end of each member by an interconnecting member and the other of said sections being a U-shaped section, the ends of said U-shaped section telescoping on two parallel portions of said L-shaped members of one of said end sections and having portions thereof adjacent and parallel to the other members of said end section, two of said parallel portions of the L-shaped members of said other end section telescoping on said two parallel portions on which said U-shaped member is telescoped, a canvas between two parallel portions of said L-shaped members of said first-mentioned end section, a canvas between the other parallel portions of said L-shaped members of said first-mentioned end section, a bag mounted on said first-mentioned canvas and positioned within said sections, and straps attached to said bag and adapted to fit over the shoulders of a person and be attached to said first-mentioned end sections.

4. A combination back pack and bed in accordance with claim 3 in which a plurality of tubes are provided, a pair of said tubes adapted to telescope in the ends of said U-shaped section and into the ends of the parallel portions of the L-shaped members of said second-mentioned end section, the other pair of said tubes adapted to telescope on the ends of said first pair of tubes and on the ends of two parallel portions of the L-shaped members of said first-mentioned end section to form the framework of a bed.

5. A combination back pack and bed comprising two pairs of straight tubular members, two end sections each including two L-shaped members being joined at the end of each member by an interconnecting member and a U-shaped section intermediate said end sections, one pair of said straight tubular members telescoping through the ends of said U-shaped member and into two parallel portions of said L-shaped members of one of said end sections, another pair of said straight tubular members telescoping on the ends of the first-mentioned pair of tubular members and on the ends of two parallel portions of said L-shaped members of the other end section, a canvas mounted on said tubular members and on certain parallel portions of the L-shaped members of said end sections for forming a bed, the ends of said U-shaped member adapted to telescope over two parallel portions of the L-shaped members of said second-mentioned end section, two parallel portions of said L-shaped members of said first-mentioned end sections adapted to telescope over the parallel portions of said L-shaped members on which the ends of said U-shaped section is adapted to telescope to form the frame of a back pack, said canvas adapted to be positioned between certain parallel portions of the L-shaped members of said end sections, a bag adapted to be positioned on said canvas and within said sections, and a pair of straps connected to said bag, said straps being adapted to fit over the shoulders of a person and tyable to said second-mentioned end section.

6. A combination back pack and bed in accordance with claim 5 in which said canvas has cutaway openings along the edges thereof for insertion of said tubular members.

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