

**(12) CERTIFIED INNOVATION PATENT**  
**(19) AUSTRALIAN PATENT OFFICE**

(11) Application No. **AU 2005101041 B4**

(54) Title  
**A camper**

(51) International Patent Classification(s)  
**F21V 33/00** (2006.01) **B60P 3/36** (2006.01)

(21) Application No: **2005101041** (22) Date of Filing: **2005.12.21**

(30) Priority Data

(31) Number	(32) Date	(33) Country
<b>2004906113</b>	<b>2004.10.21</b>	<b>AU</b>

(45) Publication Date: **2006.02.09**

(45) Publication Journal Date: **2006.02.09**

(45) Granted Journal Date: **2006.02.09**

(45) Certified Journal Date: **2006.05.11**

(71) Applicant(s)  
**Bruce Loxton**

(72) Inventor(s)  
**Loxton, Bruce David**

(74) Agent / Attorney  
**FISHER ADAMS KELLY, Level 29 Comalco Place 12 Creek Street, Brisbane, QLD, 4000**

(56) Related Art  
**US 5848837**  
**WO 2001049957**  
**FR 2627846**  
**US 4408260**  
**US 6773140**  
**WO 2001053634**  
**US 6382825**

ABSTRACT:

5 A camper comprising a tent having a light strip that is attached to an internal portion of the tent and a power source electrically connected to said strip light to power the strip light.

2005101041 21 Dec 2005

P/00/012  
Regulation 3.2

AUSTRALIA

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*Patents Act 1990*

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**ORIGINAL  
COMPLETE SPECIFICATION  
INNOVATION PATENT**

Invention Title:

**"A CAMPER"**

The following statement is a full description of this invention, including the best method of performing it known to me/us:

TITLE

"A CAMPER"

FIELD OF THE INVENTION

This invention relates to a camper. In particular, the invention  
5 relates to a light source provided in a tent of a camper.

BACKGROUND OF THE INVENTION

Camping has become a very popular past time of millions of  
Australians. One way in which many people camp is to tow a camper trailer  
to a desired location. Camper trailers are quick to set up and access.  
10 Further, camper trailers provide many comforts in a single, convenient unit  
that is "ready to go" at any time.

Camper trailers are primarily set up by rotating the top of the  
camper trailer to erect a canvas tent. Poles support the tent to provide a  
stable, weather resistant structure. A bed with mattress is typically provided  
15 within the canvas tent as well as a solid floor area to that provides space for  
people to do certain activities such as change clothing.

When camping, it is imperative that a light source be provided  
within the canvas tent so that people can conduct normal activities at night  
such as reading and changing into bed clothes. Normally, the light source  
20 takes the form of a torch or mobile florescent light. These light sources are  
typically hung from a roof of the canvas tent using prefabricated straps.

One problem with these light sources is that they have to be  
removed each time the canvas tent is to be folded and replaced when the  
canvas tent is erected. If the light sources are not removed then they can be

broken, they can damage the canvas tent and/or they can prevent the canvas tent from being folded. Further, the light sources must be battery powered and replacement batteries need to be carried if away from civilisation for extended periods of time.

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OBJECT OF THE INVENTION

It is an object of the invention to overcome and/or alleviate one or more of the above disadvantages and/or provide the consumer with a useful or commercial choice.

SUMMARY OF THE INVENTION

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In one form, the invention resides in a camper trailer comprising:  
a tent having a light strip that is attached to an internal portion of said tent and  
a power source electrically connected to said light strip to power said light strip .

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wherein an electrical cable connects said power source to said light strip and extends through at least one pole that supports said tent.

Preferably, said power source is a battery located within said camper.

Preferably, at least one sleeve forms an internal portion of said tent and said light strip is located within said at least one sleeve.

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Preferably, said at least one sleeve is made from a translucent or transparent material.

Preferably, the light strip is an LED (light emitting diode) strip or a fibre optic cable light strip.

### BRIEF DESCRIPTION OF THE DRAWINGS

An embodiment of the invention will be described with reference to the accompanying drawings in which:

5 FIG. 1 shows a side view of a camper trailer in a folded position;

FIG. 2 shows a side view of a camper trailer in an open position;

FIG. 3 shows a perspective view of a light strip located inside a tent and

10 FIG.4 shows a side sectional view of the light strip located inside the tent.

### DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

FIG 1 and 2 show a camper trailer 10 used for camping. The camper trailer 10 includes a storage box 11, for storing articles such  
15 refrigerators and fuel tanks, and a camper box 12 from which a canvas tent 13 is erected. The canvas tent 13 is erected by rotating a top 14 of the camper box 12 that causes poles 15 to be extended upwardly from the camper box that support the canvas tent as shown in FIG. 2.

20 FIG. 3 shows a perspective view of the inside of a top of a roof 16 of the erected tent 13. A pole 15 extends along the roof 16 and down sides of the tent 13 to support the roof 16 of the tent 13. The pole 15 is located within a tent sleeve 17 that is located in the roof 16 of the tent 13.

A transparent light sleeve 18 extends along the top of the roof 16 adjacent to pole 15. The transparent light sleeve 18 is sewn onto the roof

16 inside of the tent 13 and is made of plastic. It should be appreciated that there may be a number of light sleeves (or loops) in an alternative embodiment. Further the light sleeves may be located along the sides of the tent.

5                   A LED strip 19 is located within the transparent sleeve 18 and extends the length of the transparent sleeve. The LED strip 19 is preferably impervious to water and is flexible. In an alternative embodiment, the LED 19 strip may be replaced with a fibre optic cable light strip.

                  An electrical cable 20 is connected to the LED strip 19 and  
10 extends through the pole 15. The electrical cable 20 passes out of the pole 15 and is connected to a power source in the form of a battery 21. The battery 21 is located within the camper box 12 outside of the tent 13 and provides power to the LED strip 19.

                  A switch (not shown) is provided adjacent the LED strip to turn  
15 the LED strip on or off as desired.

                  In use, the LED strip 19 can remain within the tent 13 when folded. The LED strip 19 is compact and therefore will not cause the tent 13 to be torn. Further, the LED is impact resistant and draws little power. The electrical cable 20 is substantially enclosed within the pole 15 and therefore  
20 does not provide a hindrance to movement within the tent 13. Similarly, as the battery 21 is located externally of the tent 13, it also does not provide a hindrance to movement within the tent. Further, the battery 21 can remain connected to the LED strip when the tent 13 is folded.

                  It should be appreciated that various other changes and

modifications may be made to the embodiment described without departing from the spirit or scope of the invention.

CLAIMS:

1. A camper trailer comprising:

a tent having a light strip that is attached to an internal portion of said tent; and

5 a power source electrically connected to said light strip to power said light strip;

wherein an electrical cable connects said power source to said light strip and extends through at least one pole that supports said tent.

2, The camper trailer of claim 1 wherein said power source is a battery  
10 located within said camper.

3. The camper trailer of claim 1 or 2, wherein at least one sleeve forms an internal portion of said tent and said light strip is located within said at least one sleeve.

4. The camper trailer of any one of the preceding claims, wherein said at  
15 least one sleeve is made from a translucent or transparent material.

5. The camper trailer of any one of the preceding claims, wherein said light strip is an LED strip or a fibre optic cable light strip.

Dated 20th Day of April 2006

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BRUCE DAVID LOXTON

By His Patent Attorneys

FISHER ADAMS KELLY

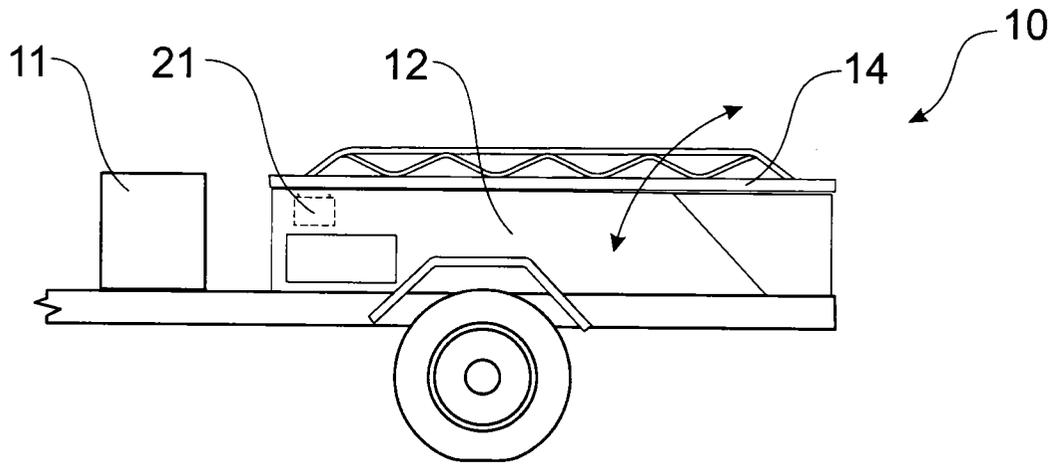


FIG. 1

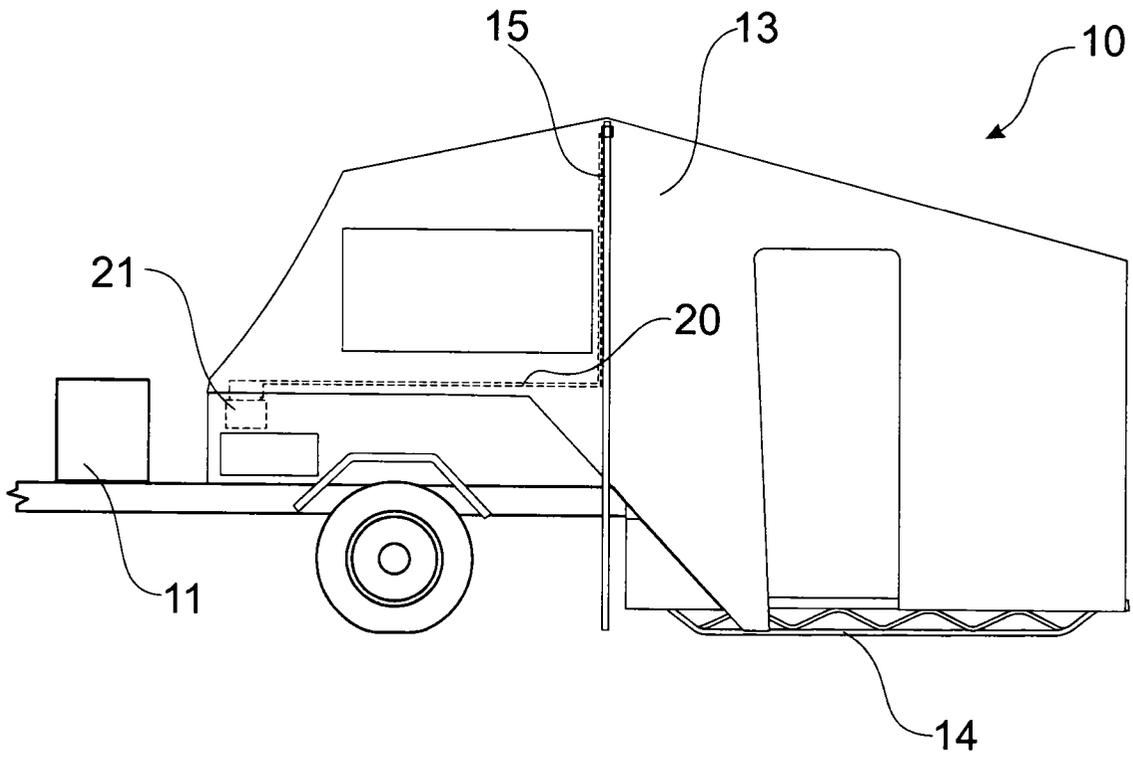


FIG. 2

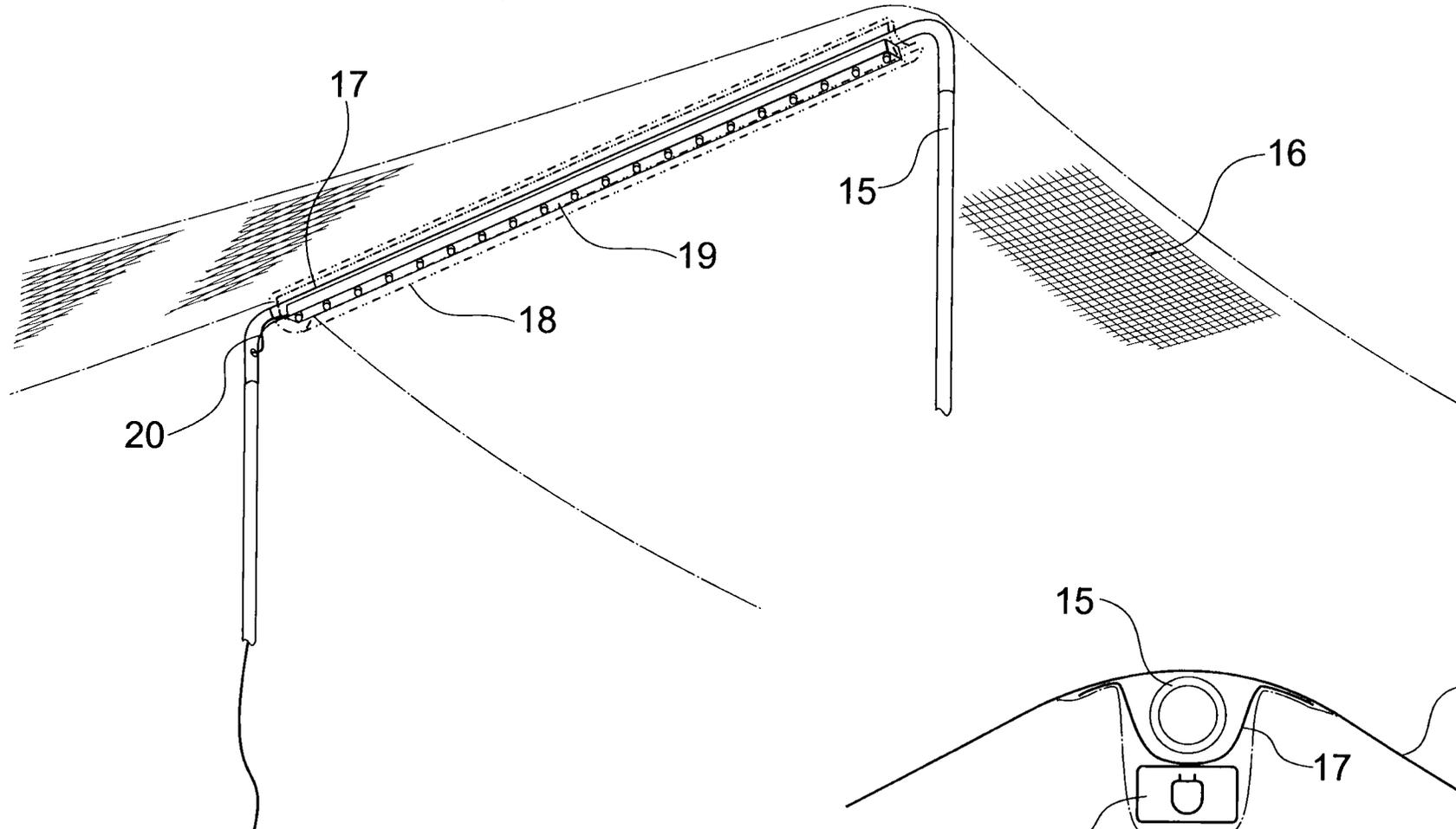


FIG. 3

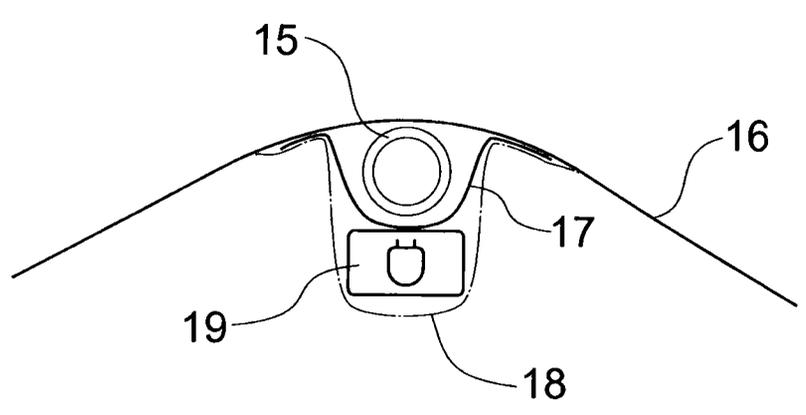


FIG. 4