June 28, 1927. 1,633,820

T. J. LONG ET AL

ADJUSTABLE TRUNK RACK CAMPING OUTFIT

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Fig. 1.

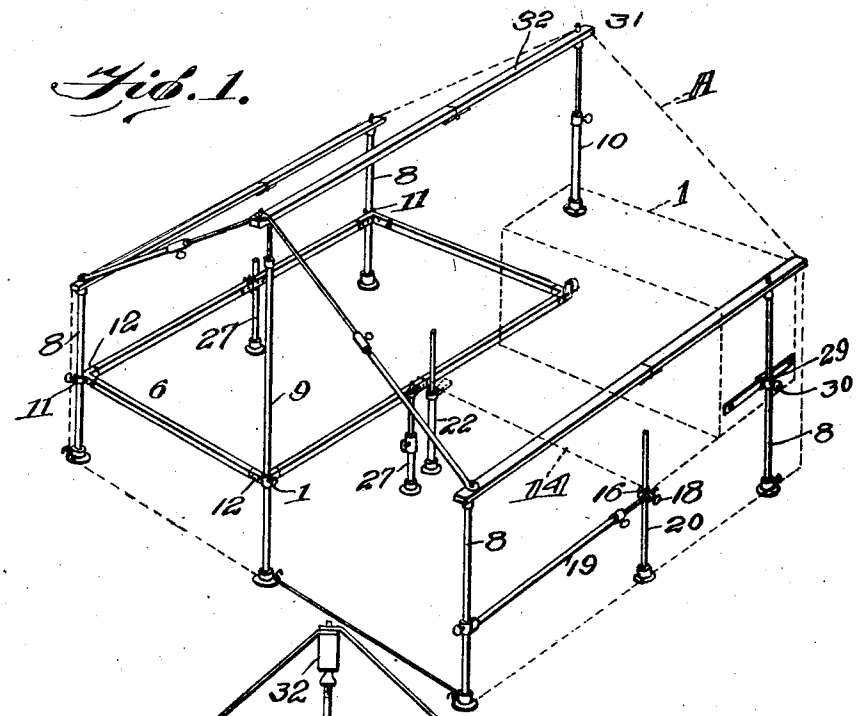
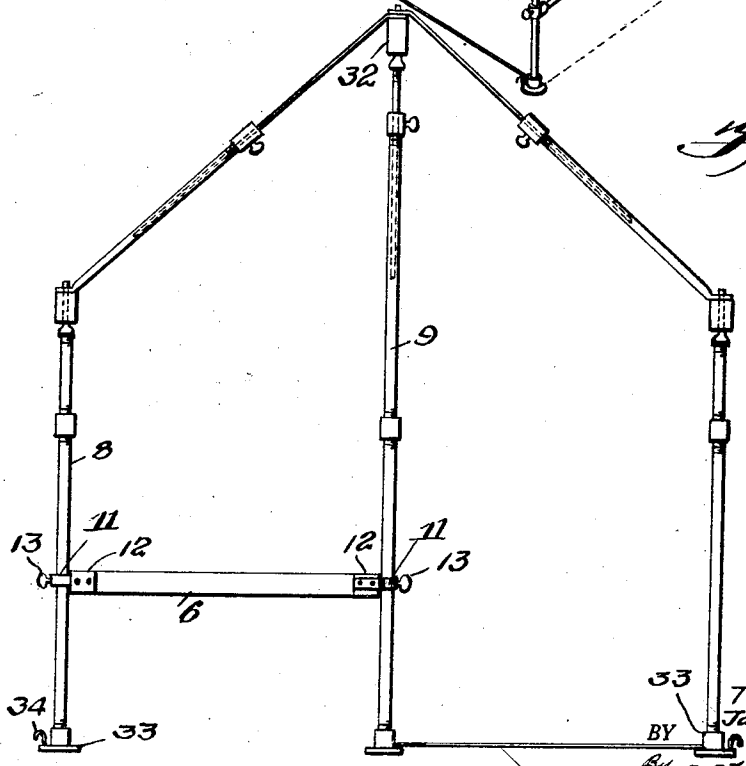


Fig. 2.



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Fig. 3.

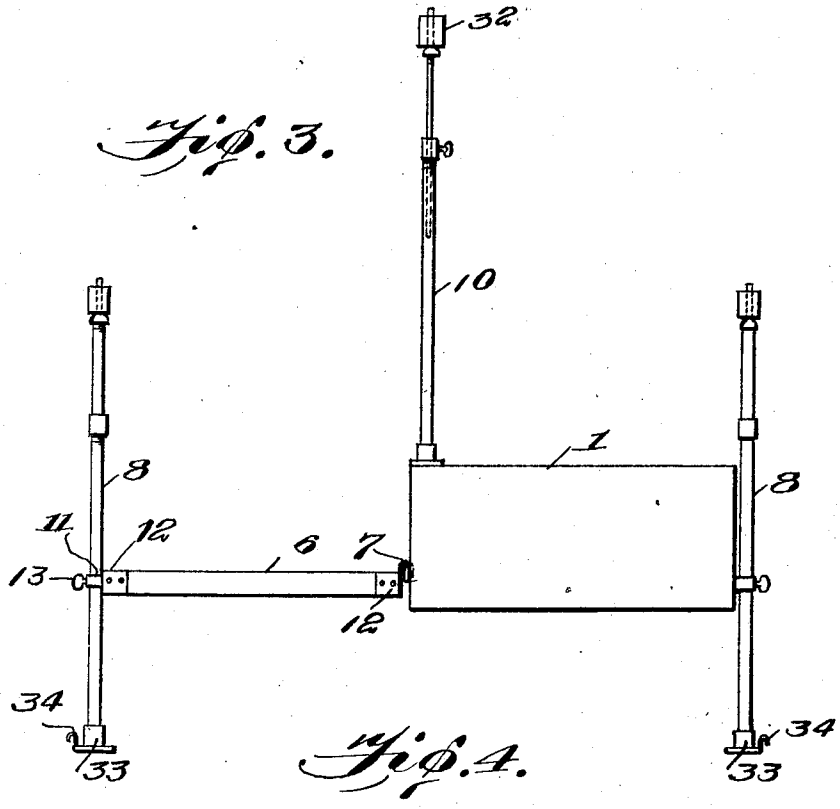
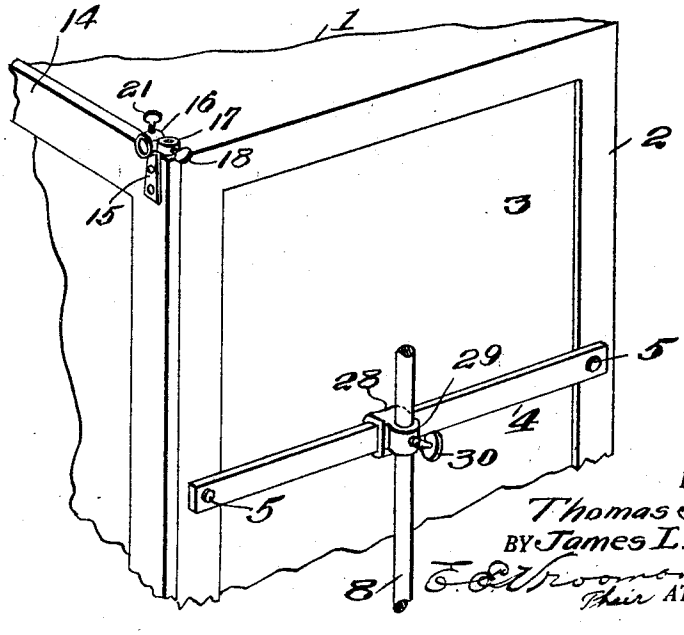


Fig. 4.



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Fig. 5.

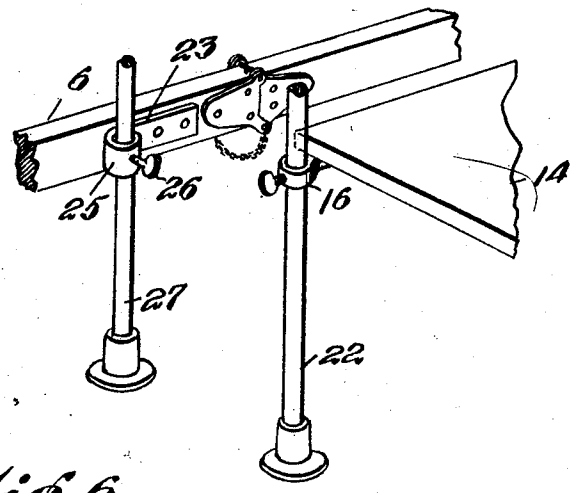


Fig. 6.

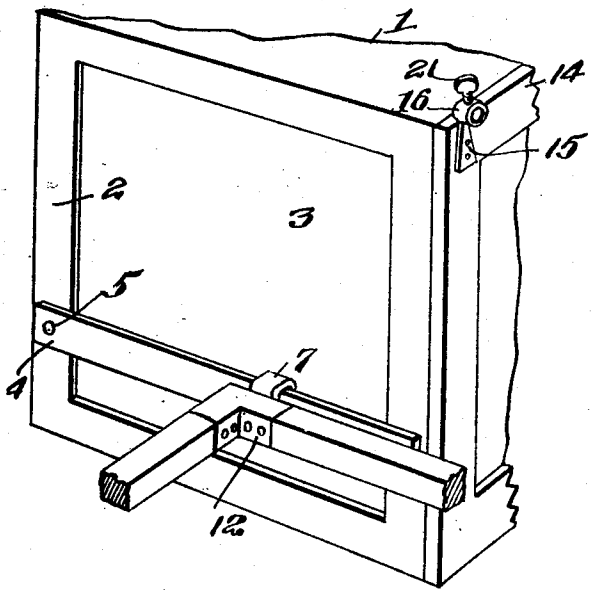
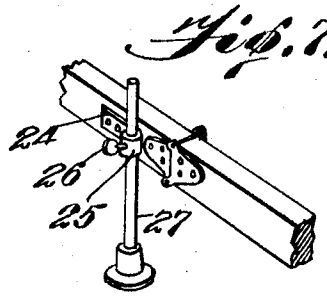


Fig. 7.



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UNITED STATES PATENT OFFICE.

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ADJUSTABLE TRUNK-RACK CAMPING OUTFIT.

Application filed May 14, 1926. Serial No. 109,102.

This invention relates to an adjustable trunk rack camping outfit, especially adapted for use by two persons, hence it may be styled a "two passenger" outfit.

The object of the invention is the construction of a simple and efficient camping outfit including a box container, which is provided with means for partly supporting a bed frame in an open position.

Another object of the invention is the construction of efficient means for assembling a box container with part of a tent structure, whereby the box container is not only more securely retained upon its support, such as a trunk rack or the running board of an automobile, but also efficiently assembles or supports part of the tent structure in a fixed position with the box container.

This application discloses certain improvements over our prior United States Patent No. 1,593.583, issued July 27, 1926, and entitled "Adjustable trunk rack camping outfit".

With the foregoing and other objects in view, our invention comprises certain novel constructions, combinations and arrangements of parts as will be hereinafter fully described, illustrated in the accompanying drawings, and more particularly pointed out in the appended claims.

In the drawings:

Figure 1 is a perspective view of an apparatus constructed in accordance with the present invention.

Figure 2 is a view in front elevation of the apparatus.

Figure 3 is a rear view, in elevation, of an apparatus constructed in accordance with our invention.

Figure 4 is a fragmentary perspective view of one end of the box container, showing the manner of assembling a tent standard therewith.

Figure 5 is a fragmentary perspective view of the apparatus showing particularly one of the standards partly supporting the bed frame and another standard partly supporting the door, when the door is in use as a table.

Figure 6 is a fragmentary perspective view of the box container showing the opposite end to that end shown in Figure 4.

Figure 7 is a fragmentary perspective view of the apparatus showing particularly the bed frame and a standard assembled therewith.

Referring to the drawings by numerals, 1 designates the box container which is normally supported or carried by an ordinary trunk rack or running board of a motor vehicle. This box container has ends comprising end frames 2 and panels 3. Positioned across each end is a track bar 4. This bar 4 is fastened at 5 by any ordinary means to the end frame 2, which, by reason of panel 3 results in the track bar being spaced away from the box container, except for its ends, for the purpose hereinafter specified.

Our bed frame 6 is provided at one end with an upstanding hook 7 which is fastened at its inner end to an angle corner casting 12 (Fig. 6). This hook 7 is slidably mounted on the track bar 4 for allowing the ready positioning of the bed frame 6 in a supported position upon the box container, when the bed frame, constituting a folding bed is taken from the box container for the setting up purposes, as when preparing for an evening camping at the end of a day's journey.

In our tent structure, we employ corner standards 8, a door standard 9 and a box container supported standard 10. On three of the corners of the bed frame 6, we form sleeves 11 integral with castings 12. Carried by each sleeve 11 is a set-screw 13. The door standard 9 and two of the corner standards 8 are positioned in these sleeves 11, and by means of the set-screws 13 (Fig. 3) the bed frame is held on the standards in a perfect horizontal position with the end that is supported by hook 7 and track bar 4. It will, therefore, be seen that our bed frame can be supported at any height from the ground, being adjustable, irrespective as to the height of the trunk rack or running board of an automobile, as our device can be adjusted to accommodate conditions under which it is operated.

The door 14 of the box container 1 is hingedly mounted in any ordinary way, and is provided with plates 15 that project beyond the outer edge of the door and on the outer ends of these plates 15 are vertically positioned sleeves 16. On one of the sleeves 16 (Fig. 4), we form an auxiliary sleeve 17. This sleeve 17 is provided with a set-screw 18. Sleeve 17 is provided with an opening at right angles to the opening in sleeve 16, so as to receive an end of sectional horizontal rod 19 (Fig. 1). A standard 20 extends through sleeve 16, and by means of set-screw

21, the door 14 can be held in an open position. A second standard 22 is employed, extending through one of the sleeves 16, and by means of one of the set-screws 21, this end of the door is held in an open position upon the standard 22.

On the inner side rail of the bed frame 6, we fasten a plate 23 (Fig. 5) or a plate 24 (Fig. 7) on which plates are sleeves 25. Each sleeve 25 is provided with a set-screw 26, whereby the sleeve in either instance can be securely fastened on the supporting standard 27, whereby the bed frame is given additional support at its middle. By referring particularly to Figure 1, it will be seen that we employ two of the supporting standards 27.

A horizontal sleeve 28 is slidably mounted on one of the track bars 4 (Fig. 4) and extending outwardly from this sleeve 28 is a vertically positioned sleeve 29 carrying set-screw 30. One of the corner standards 8 is positioned in sleeve 29, and by tightening set-screw 30, the box container 1 and the corner standard 8 are securely fastened together, whereby the box container is kept from tipping or falling off a running board, while at the same time this device acts as a coupling-up device for the whole structure. Being adjustable on track bar 4, the horizontal sleeve 28 can be positioned to accommodate any width running board or trunk rack of an automobile.

The standards 8, 9 and 10 support the top structure 31 of the tent; this top structure includes ridge beam or "pole" 32 over which is stretched the tent indicated by dotted line "A" in Figure 1. Each base or bed plate 33 is provided with an upstanding hook 34, to which is hooked the lower edge or portion of tent "A". The superstructure or tent structure of our apparatus is more particularly described and claimed in a co-pending application known as our Case "E".

The specific structure of our folding bed designated by 6 and referred to in the foregoing description as the "bed frame" is specifically described and claimed in our co-pending application Case "D", "folding bed".

From the foregoing description, it will be understood that we mount, or retain a box container on any height trunk rack or running board of an automobile or motor vehicle, and then by the adjustability of the parts of our apparatus, we can make our bed frame accommodate conditions; we can also open the door 14 and hold it in a true horizontal position to act as a table, and the corner standard 8 that is fastened by the adjustable connection to track bar 4 can be moved outwardly, with respect to the outer edge of the running board, so that we have produced a supporting standard that is adjustable against the running board or trunk rack, as required.

While we have described, the preferred embodiment of our invention and illustrated the same in the accompanying drawings, certain minor changes or alterations may appear to one skilled in the art to which this invention relates during the extensive manufacture of the same, and we therefore reserve the right to make such changes or alterations as shall fairly fall within the scope of the appended claims.

What we claim is:

1. In an adjustable trunk rack camping outfit, the combination of a box container provided with a rack bar attached to its outside, a bed frame provided with a hook resting on said rack bar for partly supporting the bed frame on said box container, and additional supporting means for said bed frame.

2. In an adjustable trunk rack camping outfit, the combination of a box container provided with a panelled outside end, a track bar secured to the outside of said box container over said panelled end, a bed frame provided at one end only with an upstanding hook, said hook slidably engaging said track bar contiguous to said panelled end and having a portion extending between said panelled end and track bar, and standards connected to the other corners of said bed frame for assisting in supporting the same in an open position.

3. In an adjustable trunk rack camping outfit, the combination of a box container, said box container provided with an end frame, a panel back of and against said end frame, a track bar secured at its ends against the outer face of said end frame and spaced from the outer face of said panel, means slidably engaging said track bar between its ends and the end frame, and part of a camping outfit element connected to the inner end of said sliding means and held in an assembled position with said box container.

4. In an adjustable trunk rack camping outfit, the combination of a box container provided with ends, a horizontal track bar secured at its ends to said box container across the outer face of one of its ends, a bed frame including an angle corner casting, and a hook secured at its inner end to said angle corner casting and having its outer end slidably-engaging said bar between an end of the box container and said bar, substantially as shown and described.

In testimony whereof we hereunto affix our signatures.

THOMAS J. LONG.
JAMES L. TUTTLE.