July 27, 1926. 1,593,583

T. J. LONG ET AL

ADJUSTABLE TRUNK RACK CAMPING OUTFIT

Filed Jan. 18, 1926 4 Sheets-Sheet 1

Fig. 1.

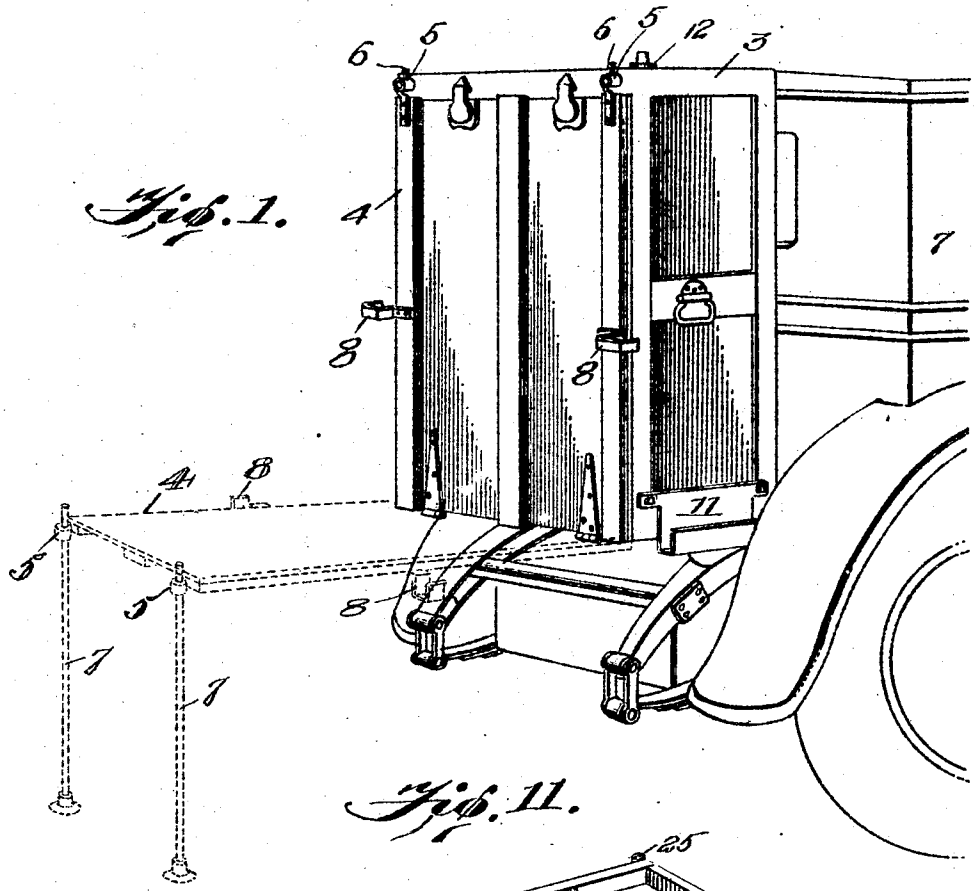
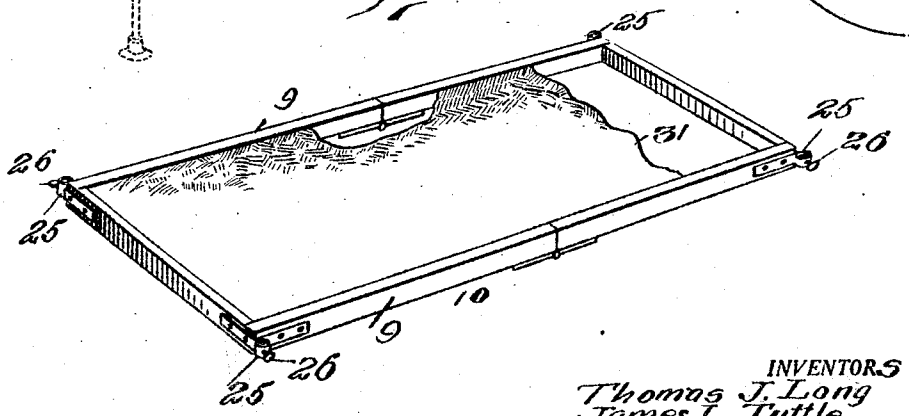


Fig. 11.



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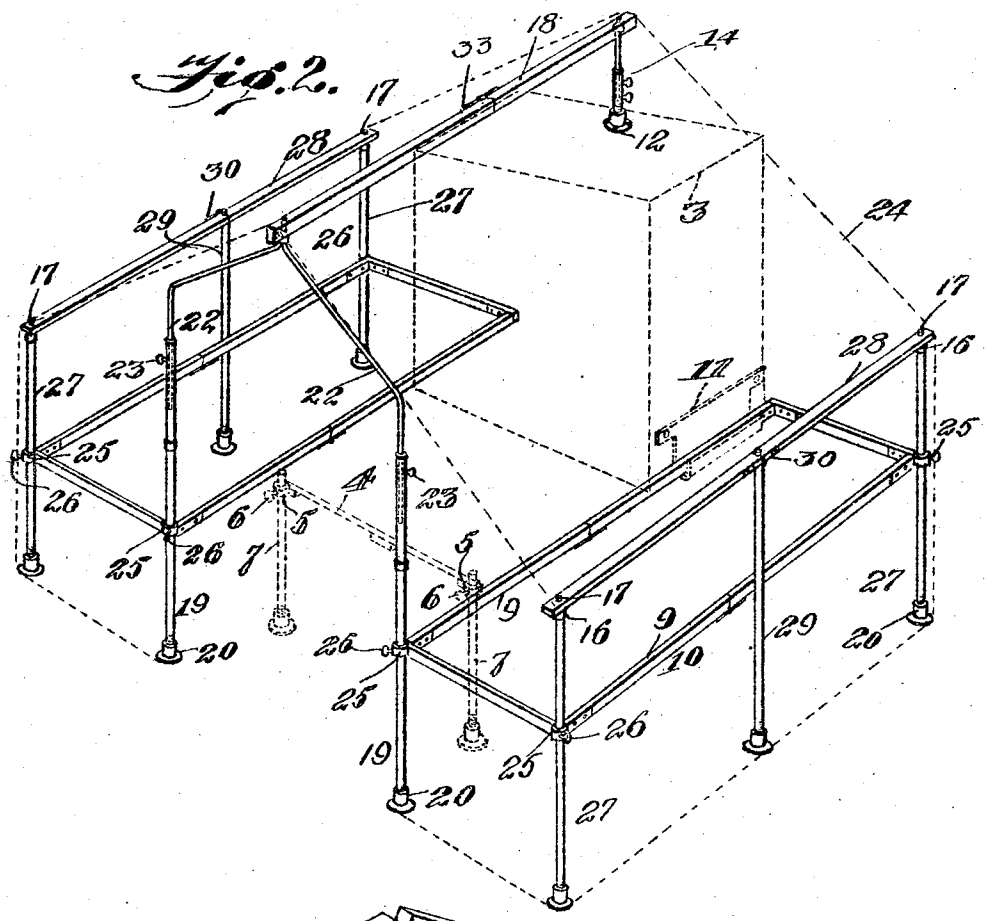
July 27, 1926. 1,593,583

T. J. LONG ET AL

ADJUSTABLE TRUNK RACK CAMPING OUTFIT

Filed Jan. 18, 1926 4 Sheets-Sheet 2

Fig. 2.



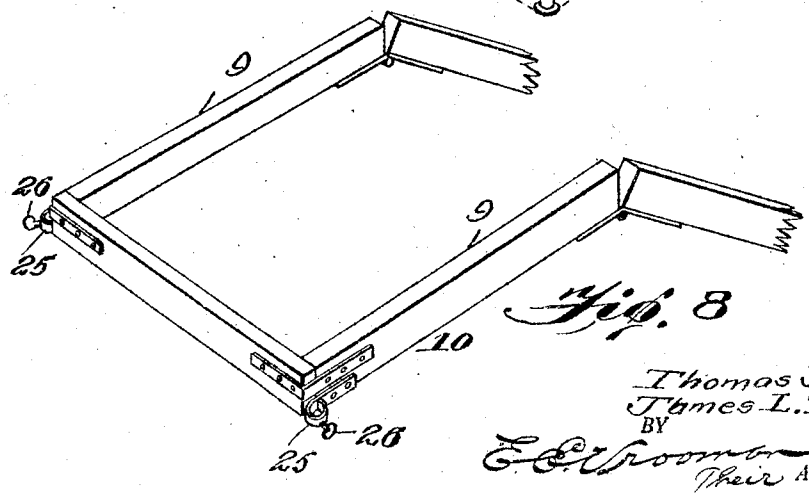


Fig. 8

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July 27, 1926. 1,593,583

T. J. LONG ET AL

ADJUSTABLE TRUNK RACK CAMPING OUTFIT

Filed Jan. 18, 1926 4 Sheets-Sheet 3

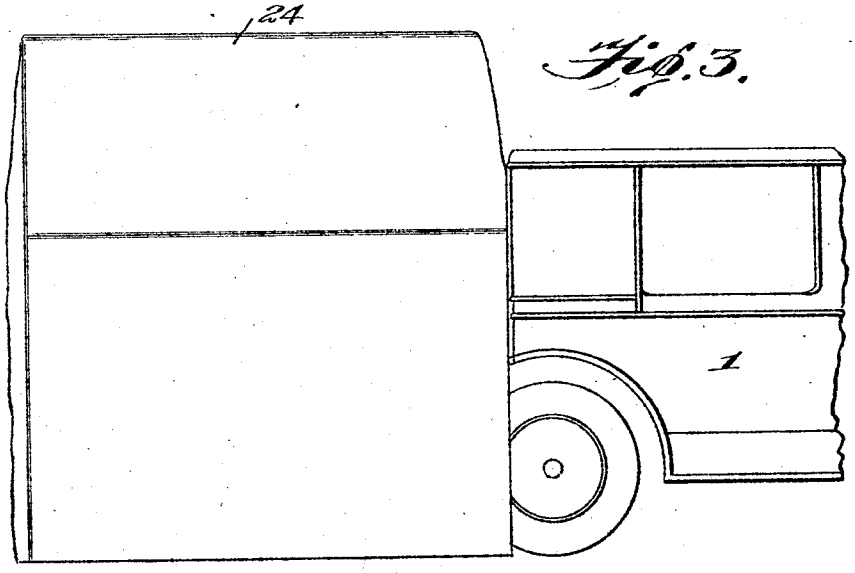


Fig. 3.

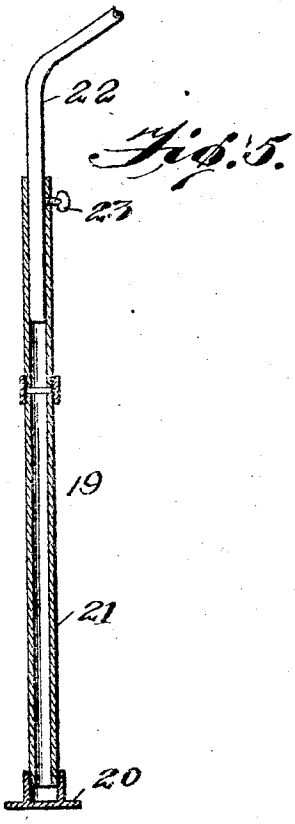


Fig. 5.

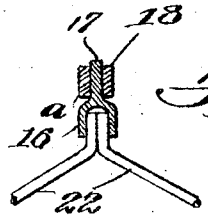


Fig. 6.

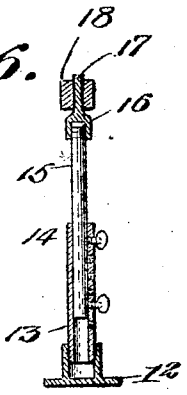


Fig. 7.

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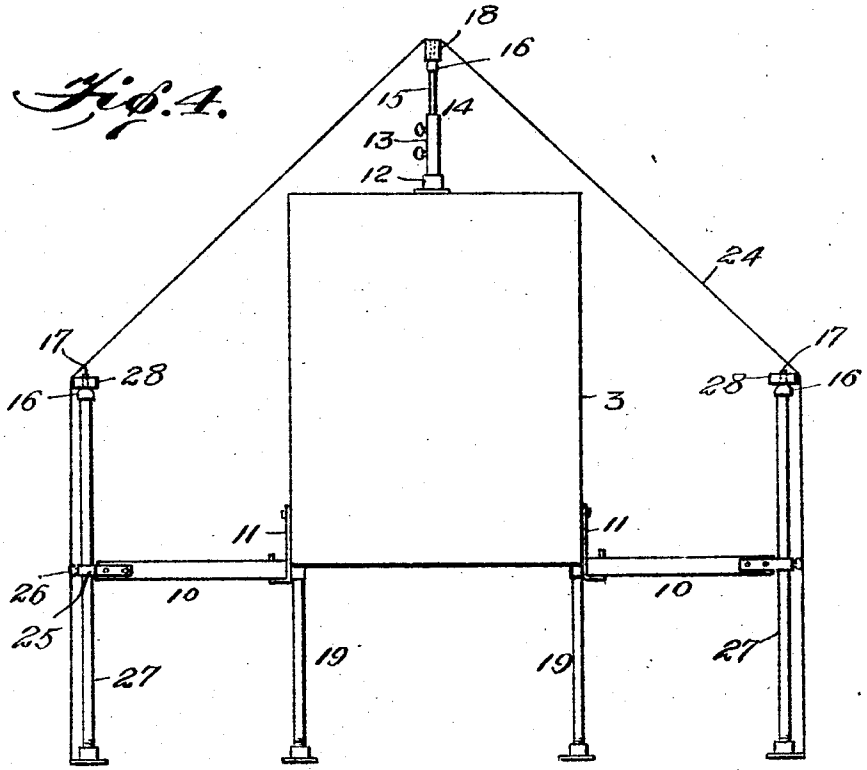
July 27, 1926. 1,593,583

T. J. LONG ET AL

ADJUSTABLE TRUNK RACK CAMPING OUTFIT

Filed Jan. 18, 1926 4 Sheets-Sheet 4

Fig. 4.



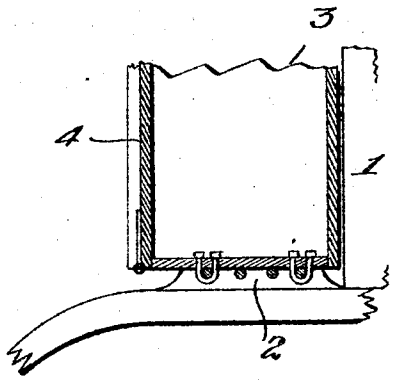


Fig. 10.

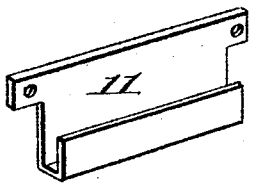


Fig. 9.

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UNITED STATES PATENT OFFICE.

THOMAS J. LONG AND JAMES L. TUTTLE, OF WELLINGTON, KANSAS.

ADJUSTABLE TRUNK-RACK CAMPING OUTFIT.

Application filed January 18, 1926. Serial No. 82,041.

This invention relates to an adjustable trunk-rack camping outfit.

The object of the invention is the construction of a simple and efficient camping outfit that is supported and carried upon the ordinary trunk-rack of an automobile.

Another object of the invention is the construction of a camping outfit that includes a trunk-rack as a common support, a container box for the outfit, the box being carried by the support, a sectional standard supported upon the box, and which standard supports the ridge beam of a tent.

With the foregoing and other objects in view, my 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 the box, containing the apparatus in a closed position upon the rear of an automobile.

Figure 2 is a perspective view of the apparatus in a set-up or operable position.

Figure 3 is a view in side elevation of the apparatus as it appears in use upon an automobile.

Figure 4 is an elevated rear view of the apparatus.

Figure 5 is a vertical sectional view of one of the door standards.

Figure 6 is a sectional view of a ridge cap.

Figure 7 is a vertical sectional view of the sectional standard mounted upon the box.

Figure 8 is a fragmentary perspective view of the bed frame.

Figure 9 is a perspective view of one of the supporting brackets fastened to the sides of the box.

Figure 10 is a view showing the ordinary trunk support of an automobile, with our box mounted thereon.

Figure 11 is a perspective view of one of the folding beds.

Referring to the drawings by numerals, 1 designates the automobile and 2 is the trunk-rack thereof.

Mounted upon the trunk-rack 2 (Fig. 10) is a container box 3. This box 3 is provided with a hinged door 4, which may be turned down to a horizontal position as shown in Figures 1 and 2 to be used as a table. Secured to the under face of door 4 and at its outer corners are sleeves 5 that are each provided with a set-screw 6. When the door is turned down to its horizontal position, so as to form a table, vertical standard rods 7 are passed through sleeves 5 and then the set-screws 6 are tightened, whereby the rods 7 act as legs for the "table" door 4. Secured to the under face of the door 4 and extending from the side edges are bed supporting brackets 8; each bracket 8 is of a hook structure, so as to fit around the side rails 9 of the bed frame 10 when the apparatus is in its set-up or operable condition, as shown in Figures 2 and 4.

Comparatively large supporting brackets 11 are fastened to the sides of box 3, and each bracket 11 is of a hook structure into which fits the side rail of a bed frame 10. Each bracket 11 is elongated so as to receive quite a portion of the bed frame, and thereby make a very stable and substantial support for the bed.

Fastened to the top of the box is a sleeve plate 12 which receives the lower section 13 of the sectional standard 14. Into the upper end of section 13 (Fig. 7) is slid a rod-like section 15 and on the upper end of section 15 is screwed a cap 16, which cap is provided with a pin extension 17 that projects through the ridge beam 18.

We employ a pair of door standards 19. Each door standard 19 includes a base sleeve 20 into which fits the lower end of the tube-like section 21, and slidably and adjustably positioned in the upper end of tube-like section 21 is an angle rod 22; this rod 22 is retained in an adjusted position by set screw 23. It is apparent upon referring to Figure 2 that two angle rods 22 are employed in forming the door way of the tent 24 (Fig. 3), and the upper ends of these rods 22 are held together within a ridge cap 16a, that is provided with pin extension 17 which pin extension extends through the ridge beam 18 (Figs. 6 and 7).

On the corners of the bed frame 10 are fastened sleeves 25 that are provided with thumb screws 26. One of the sleeves 25 is mounted on one of the sections 21 of the door standards so as to partly support the bed frame thereon. As there are two of the door standards, it will be apparent that part of each of the two beds, as shown in Figures 2 and 11, are supported upon the door standard.

We employ corner standards 27 that extend through the sleeves 25 that are fastened to the outer corners of the bed frames 10. Supported upon the upper ends of corner standards are side beams 28. Intermediate standards 29 supported the central part of beams 28. These beams 28 are hinged at 30, so that they may be folded and stored conveniently within the box 3. The inner sides of the bed frames 10 are supported by the brackets 8 and 11 that are attached to parts of the box 3 as hereinbefore described.

When all of the standards are in position (Figs. 2 and 4) with one of the standards on the box, it will be seen that the trunk-rack of the automobile as well as the box 3 constitutes a necessary part of the camping outfit to produce a complete unit at the inner end of the tent to support the inner end of the ridge "pole" or beam 18. Further, the box is also very essential in supporting the inner sides of the two beds through the medium of the brackets 8 and 11.

As shown in Figures 2, 8 and 11, the bed frames are of a conventional folding type with, preferably, the canvas 31 (Fig. 11) fastened or carried thereby in any suitable manner.

In a knocked down or folded condition, the standards, beams and bed frames together with the tent canvas 24 can be adequately within the box 3 on the trunk carrier 2 of the automobile 1.

It is to be understood that our camping outfit will operate from the running board of an automobile as well as the trunk-rack, or from any bracket that the box can be set on; the trunk-rack or running board constituting a common support for carrying the box.

By means of the sleeve structure 25 the bed frames can be adjusted vertically upon the standards, thereby obtaining an excellent assembling of the parts for comfort and durability.

By reason of the sectional, hinged structure of the beams, as well as the sectional structure of the standards, the elements of our apparatus can be stored snugly within the box and thereby the entire apparatus transported from place to place with very little inconvenience or trouble, if any.

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 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 apparatus of the class described, the combination with a support, of a box provided with a hinged door, side brackets on said box and side brackets on said door, bed frames partly supported upon all of said brackets, and standards supporting part of said bed frames.

2. In an apparatus of the class described, the combination with a support, of a box on said support, said box provided with a movable door, brackets of substantially the same length as the sides of said box, means securing said brackets to said sides, brackets secured to the side edges of said door and in alignment with said first-mentioned brackets when the door is in an open position, standards positioned contiguous to said box and door, and bed frames supported by said standards and said brackets.

3. In an apparatus of the class described, the combination with a support, of a camping outfit carried by said support, said camping outfit including a container with a movable door directly engaging said support, said container provided with means on its top for partly supporting a tent structure, said movable door constituting a table when in an open position and also provided with means for supporting bed frames, bed frames engaging said supporting means on said door, and means on said camping outfit and partly supporting said bed frames in addition to said supporting means of the door.

In testimony whereof we hereunto affix our signatures.

THOMAS J. LONG.
JAMES L. TUTTLE.