July 28, 1925. 1,547,340

W. A. MARSHALL

WATER CONTAINER AND SUPPORT THEREFOR

Filed Dec. 29, 1924

Fig. 1.

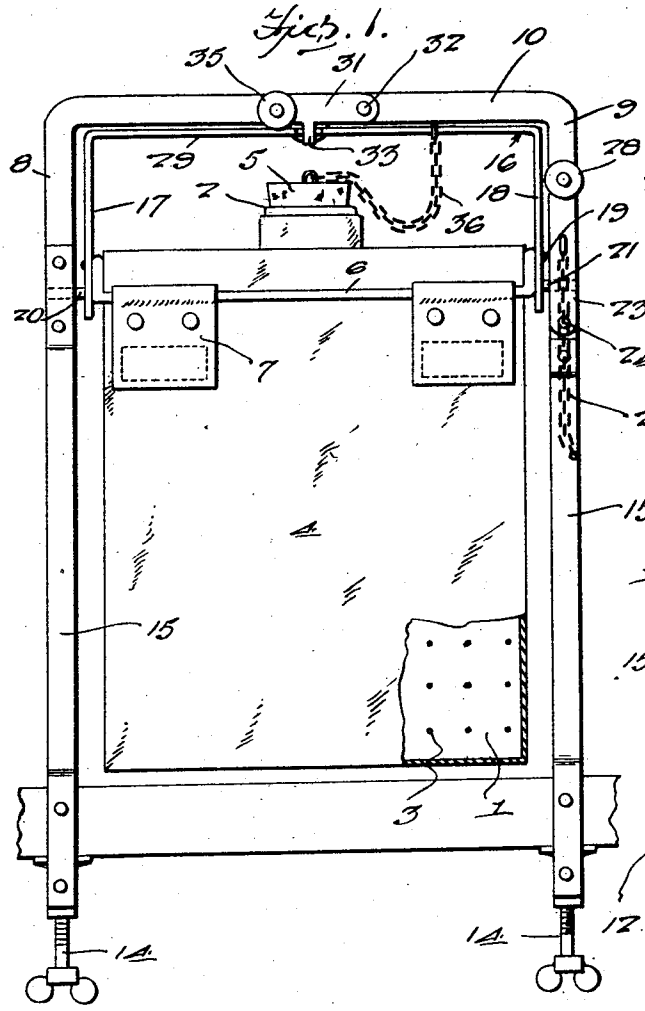


Fig. 2.

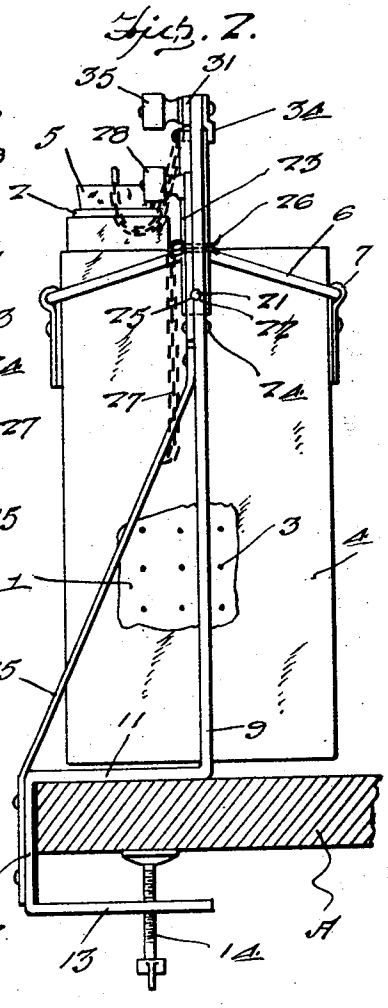
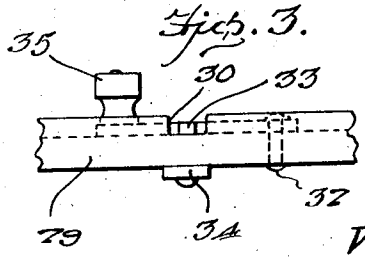


Fig. 3.



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UNITED STATES PATENT OFFICE.

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WATER CONTAINER AND SUPPORT THEREFOR.

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To all whom it may concern:

Be it known that I, WILLIAM A. MARSHALL, a citizen of the United States, residing at Toltec, in the county of Huerfano and State of Colorado, have invented certain new and useful Improvements in a Water Container and Support Therefor, of which the following is a specification.

This invention relates to improvements in water containers, and has for its primary object to provide means for supporting the same on the running board of an automobile, whereby campers or tourists may carry a supply of drinking water on the automobile.

One of the important objects of the present invention is to provide a device of the above mentioned character, which may be readily and easily secured in position on the running board of an automobile, the water container being of such construction as to enable the water to be constantly cooled.

A further object is to provide a device of the above mentioned character, wherein the water container is pivotally supported on the running board of an automobile, so that the water in the container may be discharged therefrom, without any difficulty, means being provided for normally holding the water container against swinging movement, while in position on the running board.

A further object of the invention is to provide a device of the above mentioned character, wherein means is provided for facilitating the removal of the water container from the support, whenever it becomes necessary to refill the container, after it has been emptied.

A still further object is to provide a device of the above mentioned character, which is simple in construction, inexpensive, strong and durable, and further well adapted for the purposes for which it is designated.

Other objects and advantages of this invention will become apparent during the course of the following description.

In the accompanying drawing, forming a part of this specification, and in which like numerals designate like parts throughout the same:

Figure 1 is a front elevation of the device, embodying my invention, showing the same mounted on the running board of an automobile.

Figure 2 is a side elevation, and

Figure 3 is a detail bottom plan view of the locking means for preventing the swinging movement of the bracket, which supports the water container receiving frame.

In the drawing, wherein for the purpose of illustration is shown the preferred embodiment of my invention, the numeral 1 designates a substantially rectangular water container, which is preferably formed of metal, the same being provided with a filling neck, in its top, as illustrated at 2, the metallic receptacle being preferably provided with a series of apertures 3, in its side, and a suitable water proof cover of canvas, such as is shown at 4, completely encases the receptacle 1, whereby the leakage of water from the receptacle is prevented, yet permitting the water to be cooled, in the manner well known in the art. The filling opening of the receptacle is normally closed by means of a removable stopper 5, which is preferably of cork.

A wire frame 6 extends around the sides of the upper portion of the receptacle and the canvas covering therefor, and for the purpose of securing the receptacle within the frame, I provide tabs 7, the frame 6 extending through the tabs, in the manner as clearly illustrated in Figures 1 and 2.

A pair of vertical standards 8 and 9 respectively are connected at their upper ends by a cross bar 10, whereby a substantially inverted U-shaped structure is formed, and clearly illustrated in Figure 1. The lower ends of the standards or arms are disposed laterally as illustrated at 11, so as to engage the top of the running board A. Each of the lateral extensions 11, terminate in the downwardly disposed portion 12, which fits against the outer edge of the running board and the downwardly disposed portion 12 terminates in the inwardly disposed end 13, the latter being disposed below the running board and in spaced relation thereto. A screw clamp, such as is shown at 14, is associated with the inwardly disposed end 13, and is adapted for engagement with the bottom of the running board, whereby the standards or arms are secured in a rigid position on the running board, in a detachable manner.

The upper portion of each of the vertical standards or arms is braced through the medium of the member 15, as is clearly illustrated in Figure 2.

A substantially inverted U-shaped bracket designated generally by the numeral 16, has its arms 17 and 18 secured to the intermediate portions of the ends of the wire frames 6, as illustrated at 19. Pivot pins 20 and 21 respectively extend outwardly from the arms 17 and 18 adjacent the free ends thereof. The pivot pin 20 is disposed within a suitable opening provided therefor in the front face of the standard 8, while the pivot pin 21 is supported in a similar opening or groove, provided in the front face of the standard 9. This construction provides a means whereby the substantially inverted U-shaped bracket 16 and the frame 6 carried thereby, and in which is supported the water container may be swung outwardly of the supporting standard, in a manner to be presently described.

The pivot pin 21 is prevented from removal or displacement from the groove 22 provided therefor in the upper portion of the standard 9, through the medium of the flat bar 23, which is pivotally supported at its lower end, as at 24, on the front face of the standard 9. The bar 23 is provided with a groove 25 complementary to the groove 22 for receiving the pin 21, and the cotter pin or the like shown at 26 extends through suitable registering openings provided in the upper portion of the bar and the standard 9, for holding the bar in its normal position. The cotter pin 26 is attached to a suitable chain 27, the latter being secured to the brace 15 associated with the standard 9, for the purpose of preventing the accidental displacement of the cotter pin. A handle 28 is associated with the upper free end of the bar 23 and it is obvious that when the cotter pin 26 is removed, the bar 23 may swing outwardly on its pivot 24, whereby the pivot pin 21 may be disengaged from the standard 9, and permit the bracket 16 which supports the frame 6 and the water container 4, to be removed from the supporting standard. This is only necessary when the water container is to be refilled.

For the purpose of normally holding the bracket 16 and the water container carried thereby against swinging movement between the standards, the crown portion 29 of bracket 16 is provided with a notch 30, in the forward edge thereof, as clearly illustrated in Figure 3. A lever 31 is pivotally supported, at one end, as illustrated at 32 on the front face of the cross bar 10. A projection 33 extends downwardly from the intermediate portion of the lever 31, and is adapted to be disposed within the notch 30, whereby the forward swinging movement of the bracket 16 is prevented. A stop 34 extends downwardly from the rear face of the cross bar 10, and is adapted for engagement with the rear edge of the crown portion 39 of the inverted U-shaped bracket 16, for limiting the rearward swinging movement thereof. A handle 35 is associated with the free end of the lever 31 for the purpose of actuating the same, and when the lever 31 is swung upwardly so that the projection 33 is disengaged from the notch 30, the bracket 16 may swing forwardly on the pivot pins 20 and 21 respectively, whereby the water container will be tilted to permit water to be obtained therefrom, when the stopper 5 is removed. A chain 36 is associated with the stopper, and is secured at one end to the cross bar 10, to prevent the accidental displacement of the stopper when the same is disengaged from the filling neck 2.

It will thus be seen, from the foregoing description, that a highly novel means has been provided, whereby a water container may be supported on the running board of an automobile, in such a manner as to subject the water to the atmosphere, whereby the same may be efficiently cooled, and thus kept in a condition for drinking purposes. Furthermore the tilting of the receptacle enables a person to readily obtain a quantity of water from the receptacle, without necessitating the removal of the container from its support. The simplicity with which my device is constructed, furthermore enables the parts to be readily assembled or disassembled, without the loss of any considerable length of time or labor. A device of the above mentioned character, is particularly adapted to be used by persons making trips in automobiles.

While I have shown the preferred embodiment of my invention, it is to be understood that various changes in the size, shape, and arrangement of parts may be resorted to, without departing from the spirit of the invention, and the scope of the appended claims.

Having thus described my invention, what I claim is:

1. In combination with a receptacle, of means for supporting the same on the running board of an automobile, comprising a pair of vertical standards, a cross bar associated with the upper ends thereof, means for detachably securing the lower ends of the standards on the running board, a frame for receiving and supporting the upper portion of the receptacle, a substantially inverted U-shaped bracket having its arms secured to the end of the frame, pivot pins extending outwardly from the free ends of the arms of the inverted U-shaped brackets and adapted for engagement with the standards whereby the frame and the receptacle are adapted for swinging movement between the standards, means for normally locking the receptacle against swinging movement, said means comprising a stop extending downwardly from the rear face of the cross

bar and engaging the rear edge of the crown portion of the inverted U-shaped bracket, a lever pivotally supported on the front face of the cross bar, and a projection extending downwardly from the lever and adapted for engagement with a notch formed in the forward edge of the crown portion of the inverted U-shaped bracket.

2. In combination with a receptacle, of means for supporting the same on the running board of an automobile, comprising a pair of vertical standards, a cross bar associated with the upper ends thereof, means for detachably securing the lower ends of the standards on the running board, a frame for receiving and supporting the upper portion of the receptacle, a substantially inverted U-shaped bracket having its arms secured to the end of the frame, pivot pins extending outwardly from the free ends of the arms of the inverted U-shaped brackets and adapted for engagement with the standards whereby the frame and the receptacle are adapted for swinging movement between the standards, means for normally locking the receptacle against swinging movement, said means comprising a stop extending downwardly from the rear face of the cross bar and engaging the rear edge of the crown portion of the inverted U-shaped bracket, a lever pivotally supported on the front face of the cross bar, and a projection extending downwardly from the lever and adapted for engagement with a notch formed in the forward edge of the crown portion of the inverted U-shaped bracket, and means for facilitating the removal of the bracket, and the frame and receptacle associated therewith from between the standards.

In testimony whereof I affix my signature.

WILLIAM A. MARSHALL.