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LUBRICATING CAN SUPPORT FOR MOTOR VEHICLES, BOATS, WALLS, ETC

Filed May 27, 1931

FIG. 1.

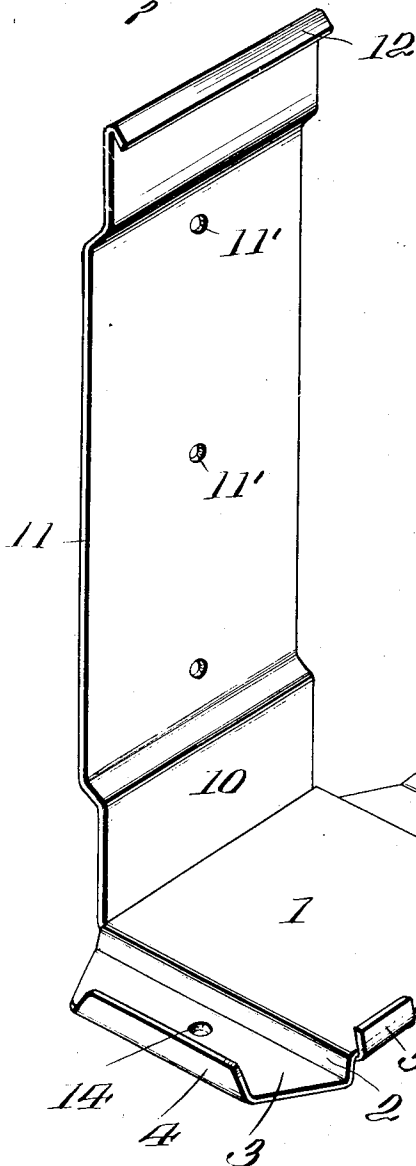
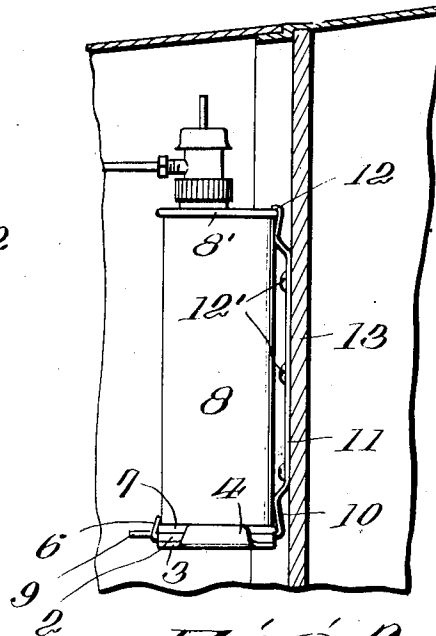
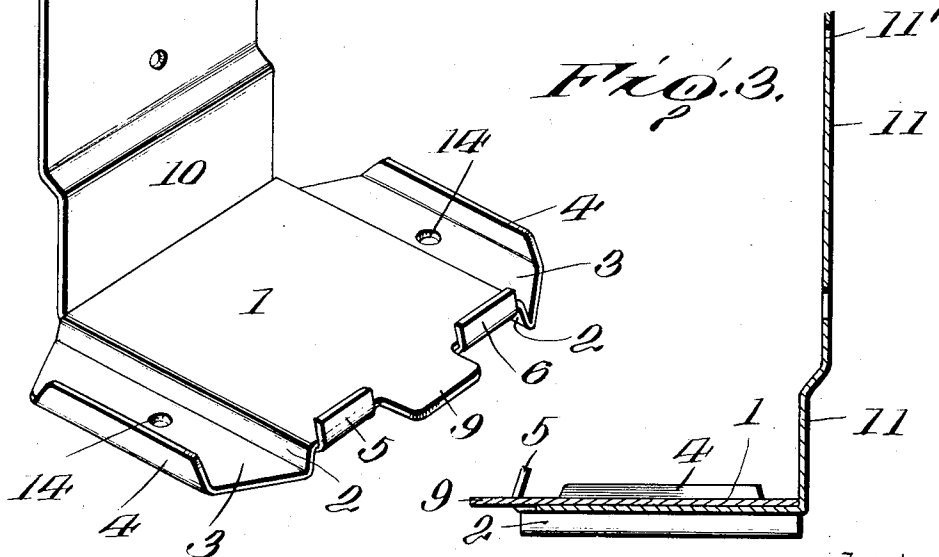


FIG. 2.

FIG. 3.



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LUBRICATING CAN SUPPORT FOR MOTOR
VEHICLES, BOATS, WALLS, ETC.

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1 Claim. (Cl. 248—20)

This invention relates to certain new and useful improvements in a support for a can adapted to contain lubricant used in a lubricating system of an internal combustion engine in a motor vehicle, the object being to provide a support which is so constructed that it can be either connected to the dash or to the hood sill so that the can containing lubricant can be readily placed in position on the support or removed therefrom.

Another object of my invention is to provide a support which is formed of sheet metal having a base to receive and support a can in connection with a vertical portion having means at its upper end adapted to embrace the flange of a can so as to securely hold the can in position.

Another object of my invention is to provide a support which is exceedingly simple and cheap in construction, the same being preferably formed of sheet metal so that either the vertical portion or horizontal portion will yield at the junction of the two portions in order to allow the can to be inserted and removed.

Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claim.

In the drawing,

Figure 1 is a perspective view of my improved construction of support detached;

Figure 2 is a side elevation of the support showing the same attached to the dash of a motor vehicle; and

Figure 3 is a detail vertical section.

In carrying out my invention, I preferably form the support of sheet metal which comprises a base portion 1 having each end bent downwardly as shown at 2, then outwardly as shown at 3, and then upwardly as shown at 4 to form stop portions to prevent the can from moving sidewise on the base.

The forward edge of the base is provided with spaced upwardly projecting gripping portions 5 and 6 which are adapted to engage the lower flange 7 of the can 8 in order to hold the same on the base. A central tongue 9 is formed between the gripping portions 5 and 6 for the purpose hereinafter fully described.

Extending upwardly from the back edge of the base is a back portion 10 which is offset as shown at 11 and is provided at its upper end with a downwardly extending flange 12 adapted to embrace the flange 8' formed on the upper edge of the can 8 so as to prevent vertical movement of the can. The back portion and the base

portion being formed of a single piece of metal which is preferably resilient to a certain extent, allows one of these members to move in respect to the other when pressure is brought to bear on either member whereby the can can be easily and quickly inserted or removed.

The offset portion 11 is provided with openings 11' through which screws 12 are adapted to pass for securing the back portion to the dash 13 of a motor vehicle and the portions 3 of the base are provided with openings 14 through which screws can be passed so as to secure the base to the hood sill whereby I provide a support which can be either attached to the dash of the motor vehicle or to the hood sill.

In the embodiment of my invention as herein shown, the back portion is secured to the dash and by pressing downwardly on the tongue 9, the gripping portions 5 and 6 will be drawn downwardly off the lower flange 7 of the can so that by grasping the can and pulling the can outwardly from off of the base, it can be removed from the flange 12 of the back portion in order to remove the can so that a new one can be inserted after it has been emptied.

In inserting a new can, the can is tilted so as to force the upper flange 8' under the flange 12 of the back portion and then by pushing the can inwardly towards the back portion and pressing downwardly on the tongue, the bottom of the can will drop onto the base and be engaged by the gripping members 5 and 6 so as to securely lock the can in its proper position.

When the base is secured to the hood sill, if it is desired to insert a can, the upper flange of the can is inserted under the flange 12 of the back portion and by forcing the can inwardly, it will ride over the gripping portions 5 and 6 and the lower flange will be engaged thereby so as to lock the can securely in the support.

When it is desired to remove the can to insert a new can of lubricant, it is only necessary to place a thumb on the tongue 9 and push backwardly on the can so that the back portion will spring in respect to the base portion and the can can be readily removed.

In constructing my support I use sheet metal which is flexible and by having the back offset, the base is spaced from the dash and the upper flange is also spaced from the dash so that the material between the point of securing the offset portion to the dash will yield in order to allow the gripping flanges to be moved out of contact with the flanges on the can of lubricant.

From the foregoing description it will be seen

that I have provided a support for supporting a can of lubricant used in connection with the lubricating system of a motor vehicle, which is so constructed that it can be affixed to either
5 the dash or to the hood sill so as to securely hold the can of lubricant in its proper position and in such a manner that the can can be readily inserted or removed, as by forming a support with integral right angled members of sheet
10 metal, these members will yield in order to allow the gripping portions to engage the respective flanges of the can of lubricant.

It will also be seen that I have provided a support which is provided with a flange on its
15 vertical portion to engage the upper flange of a can of lubricant and with gripping members adapted to engage the lower flange of the can of lubricant, these gripping members being bent inwardly forming inclined outer faces over
20 which the can rides in inserting the can in position on the support.

While I have shown and described a support especially adapted to be used in connection with a lubricating system for a motor vehicle, I do
25 not wish to limit myself to the use of this support for any particular purpose as I am aware that it can be used for supporting a can at any

desired place, such as supporting a can on a wall, on a motor boat or a separate and distinct can on a motor vehicle which is not connected with the lubricating system of the same.

What I claim is:

A support of the kind described formed of a single sheet of metal comprising a horizontally disposed base portion having an integral vertically disposed back portion extending therefrom, said back portion having an offset portion
85 midway its length and terminating at its upper end in a forwardly and downwardly extending flange adapted to engage the upper flange of a can when disposed upon said base, the forward edge of said base portion being provided with upwardly and inwardly extending
90 spaced gripping flanges adapted to engage the lower flange of the can, said base being provided with end portions bent downwardly, outwardly and then upwardly to form stops for preventing
95 sidewise movement of the can on the base portion and a tongue extending forwardly between the gripping flanges of the base for moving the gripping flanges downwardly from over the lower flanges of the can to release the same
100 therefrom.

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