

Sept. 22, 1925.

1,554,413

O. S. COPPAGE

SKID CHAIN HOLDER

Filed April 25, 1924

Fig. 1.

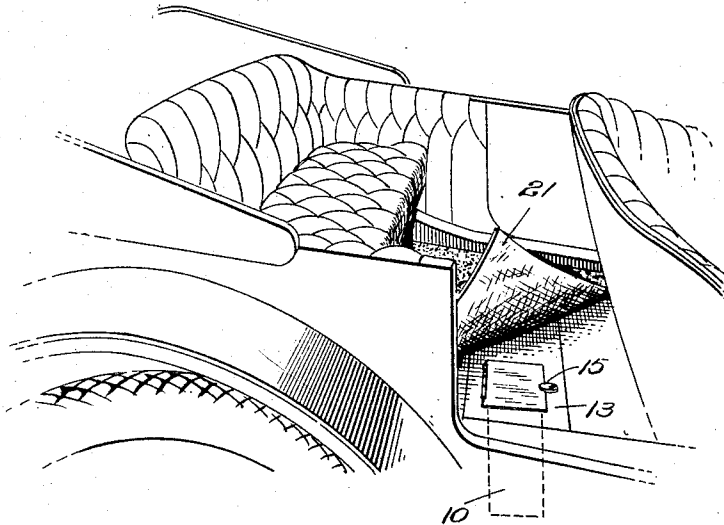


Fig. 2.

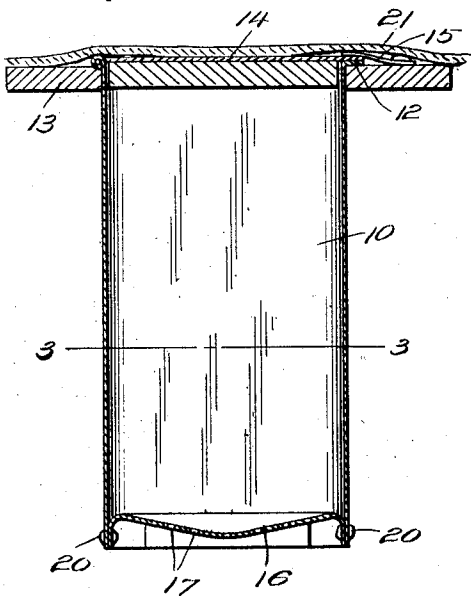
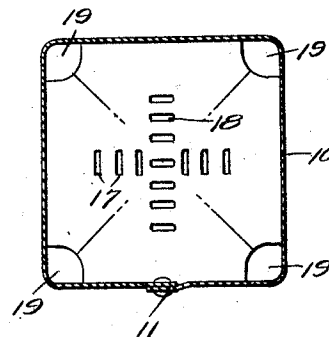


Fig. 3.



Inventor

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Patented Sept. 22, 1925.

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UNITED STATES PATENT OFFICE.

ONAN S. COPPAGE, OF CULPEPER, VIRGINIA, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, OF ONE-THIRD TO WILLIAM S. CHAPMAN AND ONE-THIRD TO T. E. GRIMSLEY, BOTH OF CULPEPER, VIRGINIA.

SKID-CHAIN HOLDER.

Application filed April 25, 1924. Serial No. 708,937.

To all whom it may concern:

Be it known that I, ONAN S. COPPAGE, a citizen of the United States, residing at Culpeper, in the county of Culpeper and State of Virginia, have invented certain new and useful Improvements in Skid-Chain Holders, of which the following is a specification.

My invention relates in general to automobile accessories and has particular reference to an improved means for the reception of skid chains when removed from the wheels.

The primary object of the present invention is to provide a means for holding the skid chains when removed from the tires and to dispose the chains within the machine so that they will not scatter dirt and mud upon the floor of the machine or come in contact therewith.

Other objects of the invention are to provide an improved chain holding receptacle disposed beneath the floor of the machine, and to provide such a receptacle designed to be disposed on the floor of the machine and out of sight of an occupant therein.

With these objects in view and others which will be apparent from the description, the invention resides in the novel construction, combination and arrangement of parts hereinafter described and claimed and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the tonneau of an automobile equipped with the invention;

Figure 2, a vertical section through the receptacle as mounted; and

Figure 3, a horizontal section on line 3—3 of Figure 2.

The preferred form of the invention as illustrated, and as shown, comprises a receptacle in the form of an elongated box like container 10 formed of a metal blank connected at the seam 11 in one side thereof, and having an open upper end. At the upper end of the receptacle three of the side walls thereof are provided with outwardly extending lateral flanges, one of which is shown as at 12, whereby the container may be screwed to a floor-board section 13 disposed in the tonneau of the machine. A closure 14 is hinged to the upper edge of the remaining wall of the container, and is adapted, when in lowered position, to be secured by a pivoted catch 15 disposed on the

floor-board section 13, which catch, if desired, may be made in the form of any suitable locking device.

The lower end of the container is closed by a bottom section 16 dished at its central portion and provided thereat with a series of drain apertures 17 and 18. At the four corners of the container a bottom section or plate 16 is cut away to provide substantially large drainage apertures 19, and the plate is secured in position by riveting as at 20 to the adjacent walls of the container.

The floor-board section 13 is provided with a rectangular aperture therethrough to receive the container and to dispose the same beneath the floor of the machine. When the device is assembled, the body of the container 10 will extend beneath the floor-board in the position as shown in dotted lines in Figure 1, and the entire device may be covered by the usual floor mat 21 employed in all machines. The cover 14 will lie substantially flush with the flooring and the entire device will be hidden from view and cause no discomfort to the occupants of the car.

The floor-board section 13 with the container 10 mounted therein are intended to be assembled and placed as a unit in the machine. In this preferred form of the invention, the container will be disposed beneath the flooring at the right hand side of the machine, as in this particular instance it is shown for use with cars of the Ford type wherein the usual battery container is disposed on the left hand side of the machine, but it is obvious that the device may be disposed in any location as desired, either in the tonneau or beneath the front floor boards of the machine.

In machines of the Ford type, the use of skid chains has been found to be extremely disagreeable in that when the chains are removed from the tires the only place in which they may be readily carried is beneath the rear seat in the compartment formed thereunder. In a short while the accumulated mud and dirt falling from the chains becomes a source of considerable annoyance to the owner. If, as in many instances, the chains are thrown on the bottom of the tonneau, the mud and dirt soon makes the floor mat unsightly, and necessitates considerable discomfort to the occupants of the car, as well as frequent clean-

ing of the mat. By the use of the present invention it will be seen that the mat may be raised and the container cover 14 lifted, whereupon the chains may be dropped within the container and the cover and mat disposed in their original position. By reason of the peculiar construction of the bottom plate of the container, the chains will drain through the apertures 17, 18 and 19 and, if desired, water may be poured into the top of the container to wash the chains free of dirt collected thereon, the water draining away through the bottom of the container, and any extraneous matter accumulating in the bottom will jostle through the large apertures upon operation of the machine.

While I have illustrated and described in this embodiment certain details entering into the construction of the invention, I desire it to be understood that the invention is not limited to such as are shown and described, but that, if desired, changes and modifications may be made in the structural details thereof as will fall within the scope of the invention as claimed.

I claim:

1. A receptacle for skid chains comprising a body formed of a single sheet metal blank, a laterally extending integral flange on the upper edge of said receptacle, a closure for the receptacle, a dished bottom

disposed within the body of said receptacle and having a depending edge secured to said body, and said bottom being formed with a plurality of centrally disposed apertures and substantially large cut-away portions in its outer edge.

2. A device of the character described comprising an elongated skid chain receiving receptacle positioned through a removable floor board of an automobile, a laterally extending flange on the upper edge of said receptacle secured to the top of the floor board and forming the sole support for the depending receptacle, a closure for said receptacle, and a bottom in said receptacle formed with a plurality of different sized outlets whereby the chains in said receptacle may be washed and any extraneous matter accumulating in the bottom jostled through the corresponding outlets upon operation of the automobile.

3. A device of the character described comprising a removable floor board for automobiles having an opening therein, a skid chain holding receptacle carried solely by the floor board and extending therebeneath, a closure for said receptacle, and adequate means in said receptacle for the drainage thereof.

In testimony whereof I affix my signature.
ONAN S. COPPAGE.