F. CHUMBLEY.

HOLDING MEANS.

APPLICATION FILED DEC. 30, 1920.

Patented Oct. 17, 1922.

1,432,052.

Fig. 1.

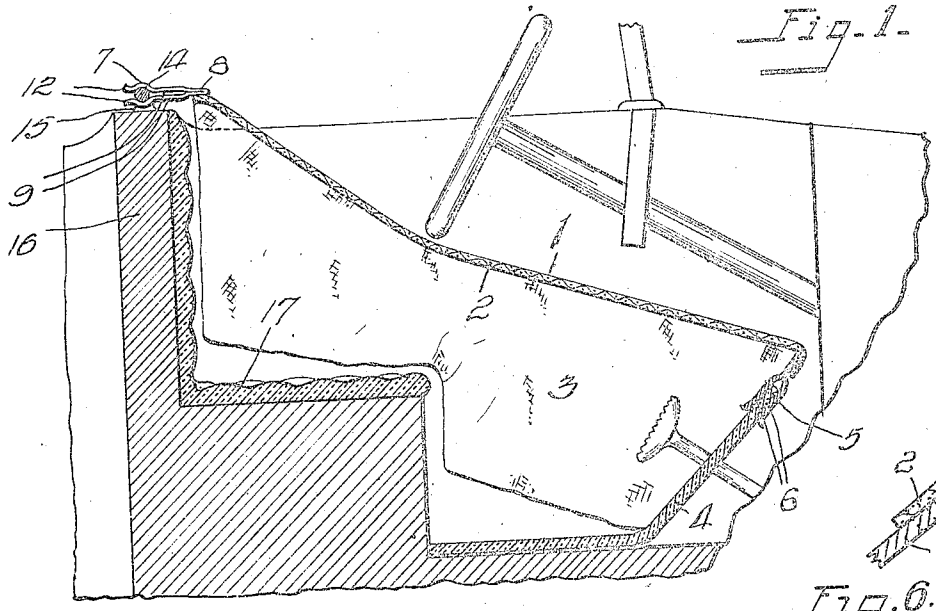
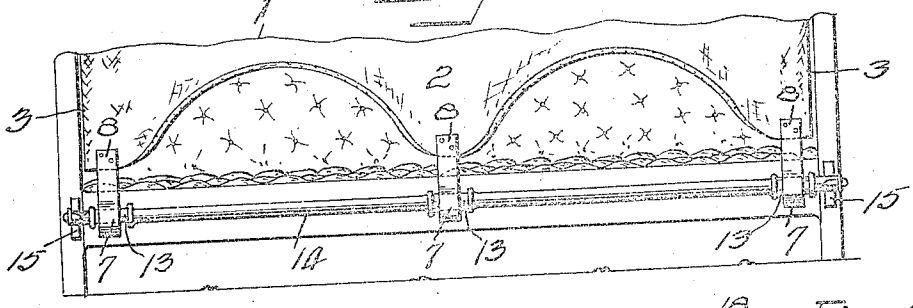


Fig. 6.

Fig. 2.



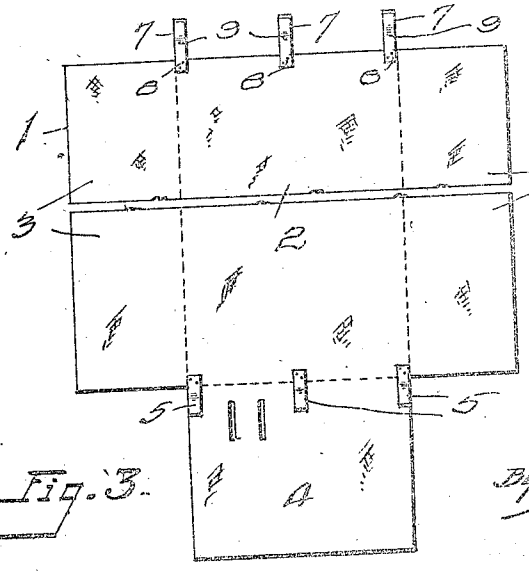


Fig. 3.

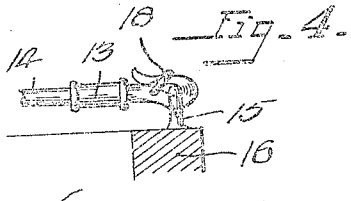


Fig. 4.

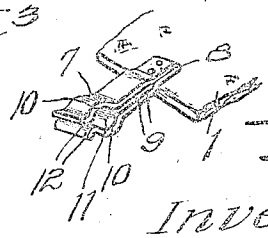


Fig. 5.

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UNITED STATES PATENT OFFICE.

FRED CHUMBLEY, OF MOKANE, MISSOURI.

HOLDING MEANS.

Application filed December 30, 1920. Serial No. 434,164.

To all whom it may concern:

Be it known that I, FRED CHUMBLEY, a citizen of the United States, residing at Mokane, in the county of Calloway and State of Missouri, have invented certain new and useful Improvements in Holding Means, of which the following is a specification.

My invention relates to improvements in means for holding the edges of storm curtains, lap-robes and the like with a fixed member, and, has for its object to provide novel holding means which will prevent casual displacement of the curtain, or robe thereby protecting the occupant, or occupants of a locomotive, motor car, or any closure from cold, rain or snow, or wet weather.

A further object of the invention is to provide a holding means that is simple in construction, and, when applied to the edges of a storm curtain, lap-robe, or the like, to permit quick connection thereof with a fixed rod strap, or its equivalent.

A further object of the invention is the provision of vehicle robe holding means which can be quickly detached from a fixed element by pressure of the occupants' bodies thrown against the lap-robe.

With the above and other objects in view, the invention consists in certain new features of construction, arrangement and combination of parts hereinafter described and finally pointed out in the claim hereto appended.

Referring to the accompanying drawings forming a part of this specification wherein like characters of reference denote similar parts throughout the several views:

Fig. 1, is a longitudinal sectional view of a portion of a motor vehicle body and a seat, showing the application of the robe, floor-mat and robe holding means.

Fig. 2, is a top plan view showing a robe fastened to a strap supported by the seat for holding the robe in position.

Fig. 3, is a plan view of the floor-mat, robe and robe holding means.

Fig. 4, is a detail showing the strap connection at one end of the seat back.

Fig. 5, is a detail, in perspective, of the robe holder which connects the upper edge of a robe with the seat back.

Fig. 6, is a detail showing the lap-robe sewed to the forward edge of the floor-mat.

Referring to the drawings, the reference character 1 designates a suitable lap-robe having the main section 2 and the side, or fold sections 3, while 4 indicates a suitable floor-mat. The lower edge of section 2 of the robe 1 is connected with the forward edge of the floor-mat 4 by means of a plurality of suitable fasteners 5, each comprising a spring clip member fixed at intervals along the lower edge of the main section 2, of the lap-robe 1, and provided upon their inner faces with serrations, or teeth 6 for firmly gripping the floor-mat 4 to provide a quick and secure connection, as clearly shown in Fig. 1. If desired, the lower edge of the main section 2 may be sewed, or otherwise suitably fixed to the forward edge of the floor-mat 4, as shown in Fig. 6. The holding means 5 will permit the robe to be quickly attached to the floor-mat, while the sewed connection, shown in Fig. 6, is permanent, as is manifest.

The upper edge of the main, or center section 2, of the lap-robe, is provided with a plurality of holders 7, each comprising a spring member folded over upon itself, as at 8, for fixed connection with the upper edge of the robe, and, to provide two resilient arms 9 which are spaced a suitable distance apart and normally lie paralled with each other. Each resilient arm 9 is provided near its free end with an outwardly dished section to provide a transverse semi-circular recess 10 which form a circular receiving channel 11, as shown in Fig. 5. The extremities of each resilient arm 9 are bent outwardly at a suitable angle to form a pair of lips 12 to permit the holder to be quickly attached to the cylindrical section 13 of a suitable holder engaging member 14. The holder engaging member 14 is suitably connected at opposite ends to the support 15, which supports are fixed to the back 16 of a vehicle seat designated 17. The holder engaging member 14, is preferably used in connection with motor vehicles, although not necessarily, and is provided at each end with a buckle 18 so that the holder member can be easily and quickly applied to the seat, or detached therefrom, as is manifest.

When the robe is connected with the back of the vehicle seat, as shown in Figures 1 and 2, it will be observed that three holders 7 are all that are necessary for connection with the holder engaging member 14.

It is evident from the foregoing description that when the upper edge of a lap robe

is fastened to the strap member 14, that the robe is brought snugly around the bodies of the occupants, and, that in case the occupants desire to leave the seat, all that is necessary to disconnect the holders 7 from the holder engaging member 14, is for the occupant to lean forward and the pressure from the weight of the body will readily and quickly disconnect the holders 7 from the cylinder sections 13 of the holder engaging member 14, as is manifest, thus providing a vehicle robe holder which is entirely safe, even in the case of an accident.

It will be observed that a lap robe can be brought well up around the bodies of the occupants of the seat, and, that when it is connected to the fixed holder engaging member by means of the holder 7, the occupants are well protected from the weather.

The fold, or side sections 3 of a lap robe 1 are to be tucked around the legs of the occupant, as is manifest, thereby providing a robe which will positively protect the occupants of the vehicle from cold and rain.

As clearly shown in Fig. 1, a lap robe will extend from the forward edge of a vehicle floor-mat 4 to the upper edge of the back section 16 of the seat 17.

If desired, it is evident that the lower edge of the robe may be connected to the dash of the vehicle instead of to a floor-mat with equally good results, by either employing a second holder engaging member 14, or fixing the lower, or forward edge of the lap robe to the dash, as is manifest.

The many advantages of the herein described invention will readily suggest themselves to those skilled in the art to which it appertains.

I do not desire to be understood as limiting myself to the exact details of construction and arrangement as herein described and illustrated, as it is manifest that variations and modifications may be made without departing from the spirit and scope of my invention and the terms of the following claim, hence I wish it to be understood that I reserve the right to make any such changes, or modifications as may fairly fall within the scope of the appended claim when fairly construed.

What I claim is:

In combination with a lap-robe and a floor-mat, a U-shaped resilient holder for detachably engaging one edge of the floor-mat, a strap member fixed to the back of a vehicle seat, and resilient holders for detachably engaging the strap member to hold the robe from casual displacement.

In testimony whereof, I have hereunto signed my name to the specification.

FRED CHUMBLEY.