June 4, 1929. H. J. GORDON 1,715,702

DOOR POCKET BAND

Filed Aug. 3, 1925

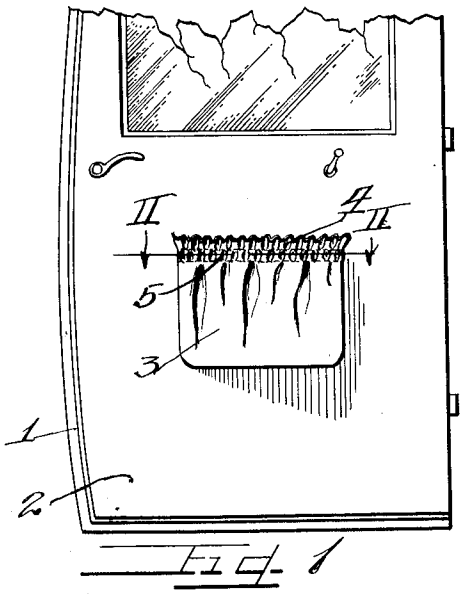


Fig. 1

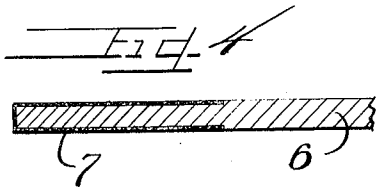


Fig. 4

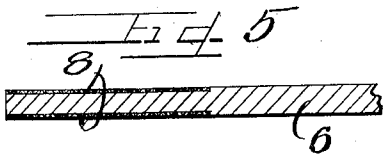


Fig. 5

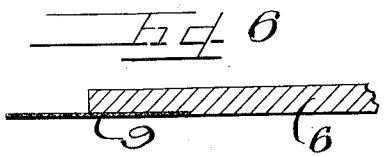


Fig. 6

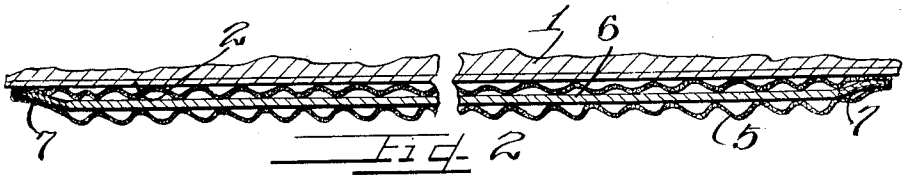


Fig. 2

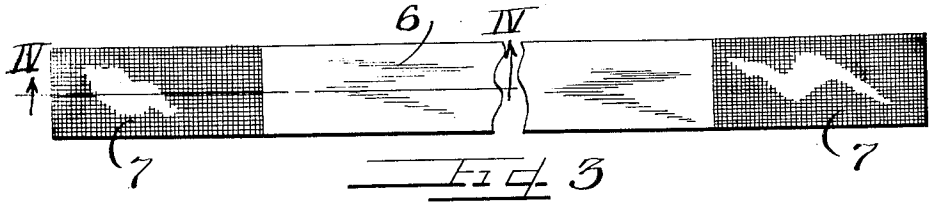


Fig. 3

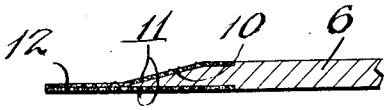


Fig. 7

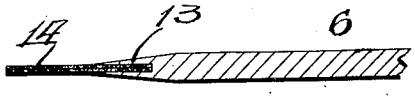


Fig. 8

Inventor

Harry J. Gordon.

by Charles W. Kelly Attys.

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UNITED STATES PATENT OFFICE.

HARRY J. GORDON, OF DETROIT, MICHIGAN, ASSIGNOR TO THE DRYDEN RUBBER COMPANY, A CORPORATION OF ILLINOIS.

DOOR-POCKET BAND.

Application filed August 3, 1925. Serial No. 47,855.

Automobiles, and particularly automobiles of the limousine or sedan types, are usually equipped with patch pockets located in the interior of the body and more usually provided on the inner faces of the doors. The pockets are usually made of the same material as the upholstering of the car and preferably are of the patch type having the side margins and lower margin sewed to the car lining, leaving the open margin free and adapted to be held closely against the back wall of the pocket or against the car lining by means of an inserted band or strap of woven elastic, the ends of which are sewed or otherwise secured to a back of the pocket or to the car lining. The elastic straps thus provided have not proven entirely satisfactory, since the ends of said straps are not sufficiently strong to withstand the strains to which they are subjected through the constant use of the pockets.

This invention relates more particularly to an improved elastic band or strap constructed of a solid strip of elastic rubber having the end portions thereof reenforced to permit the strap to be securely attached to the back wall of a pocket and further adapted to be of sufficient strength to withstand the tensile strains to which the ends of said strap are subjected when the mouth of the pocket is stretched into open position to permit the insertion or removal of an article from the pocket.

It is an object of this invention to provide an improved door pocket band, the ends of which are reenforced to permit the same to be securely fastened in position, and furthermore adapted to withstand the strains to which the ends of said band are subjected when the free margin of a pocket is stretched into open position.

It is an important object of this invention to provide a shirred pocket of an automobile with an improved shirrband constructed of elastic solid rubber, having the ends thereof reenforced by vulcanizing strips of duck thereon.

Other and further important objects of this invention will be apparent from the disclosures in the drawings and specifications.

This invention (in a preferred form) is illustrated in the drawings and hereinafter described.

On the drawings:

Figure 1 is a fragmentary view of the inner face of an automobile door provided with a shirred patch pocket, the shirred free margin of which is equipped with an improved reenforced door pocket band embodying the principles of this invention.

Figure 2 is an enlarged fragmentary detail section taken on line II—II of Figure 1.

Figure 3 is a fragmentary plan view of the improved door pocket band removed from the pocket.

Figure 4 is an enlarged longitudinal section taken on line IV—IV of Figure 3, and illustrates the end reenforcement.

Figure 5 is a fragmentary longitudinal section through one end of a modified form of band.

Figure 6 is a fragmentary longitudinal section through another modified form of band.

Figures 7 and 8 illustrate similar sectional views illustrating two additional modifications of the reenforced ends of door pocket bands.

As shown on the drawings:

The reference numeral 1 indicates an automobile door the inner face of which is covered with an upholstering or lining 2 to which the side and bottom margins or edges of a patch pocket 3 are sewed or otherwise secured. The pocket 3 is made full to permit the open edge or margin of the pocket to be shirred at 4. Below the shirred edge 4 of the pocket 3 the said pocket is sewed or stitched with two parallel spaced rows of stitching to afford a strap channel 5 which may be constructed by bending over the upper edge of the pocket or by sewing a pocket lining to the inner face of the pocket material.

For the purpose of shirring the upper margin of the pocket 3 and resiliently holding the same against the lining of the automobile door, an improved door pocket band or strap is provided in the channel or passageway provided by the hemmed portion 5. The improved door pocket band comprises a solid band or strip of rubber 6 having the necessary degree of elasticity to permit the mouth or shirred open margin of the pocket 3 to be stretched or distended when it is desired to insert an article in the pocket or to remove an article therefrom. Each end of the rubber band 6 is reenforced by means of a strip of duck or other suitable material, vulcanized to both sides and around the end to afford a U-shaped reenforcement 7 at each end of the

band 6. The reenforcement extends from the end of the band a short distance towards the center sufficient to afford a reenforced attaching end. The reenforced head or end portions of the band 6 are adapted to be sewed or otherwise rigidly secured to the back wall or to the lining and inner face of the door to tension the band and thereby pull the same into a position wherein the shirred mouth or free margin of the pocket is held in a closed position against the back wall of the pocket or the lining of the door.

Figure 5 shows a modified form of door pocket band wherein each end of the rubber band 6 has the end portions of the two faces thereon reenforced by vulcanizing a strip of duck or other suitable stout fabric 8 to the band thereby affording a reenforced head on each end of the band to permit the head portions of said band to be sewed or secured in position without any danger of the ends of said band tearing out.

Figure 6 illustrates another modification of a door pocket band wherein each end of the strip of rubber 6 has one face thereof reenforced by vulcanizing a strip of duck or other material 9 thereto with one end of said reenforcing material projecting a short distance beyond the end of said band.

Figure 7 illustrates another modification of a door pocket band wherein each end of the rubber band or strip 6 has the end of one face thereof beveled as at 10 to taper the end of the band to permit strips of reenforcing duck 11 to be vulcanized to the opposite faces of the end portion of the band with the outer ends of said reenforcing strip 11 abutting one another and securely fastened together by means of stitching or other suitable means to form an attaching head 12.

Figure 8 discloses another modification of a door pocket band 6 constructed of solid rubber with each end of the band beveled or tapered at 13 on both sides and split to afford a pocket for receiving a double layer of reenforcing duck or other material vulcanized therein with one end of said double layer of material projecting out of the tapered end of the band to afford an attaching head 14 for the band.

It will thus be seen that the improved solid rubber band of the required elasticity may have the end portion thereof reenforced by duck or other stout material in a plurality of different ways to form reenforced heads at the ends of the bands to permit the said end portions of heads to be secured to the back walls of the pocket or to the inner walls of the door by sewing said heads in position or securing the same in position by means of tacks or other suitable means without any danger of said reenforced heads tearing loose or pulling apart when the door pocket band is subjected to tensile strains when the mouth of the pocket is distended.

I am aware that numerous details of construction may be varied through a wide range without departing from the principles of this invention, and I therefore do not purpose limiting the patent granted otherwise than necessitated by the prior art.

I claim as my invention:

1. A pocket having a shirred free margin, and a band inserted through said shirred margin, said band comprising a strip of rubber having the end portions thereof reenforced by fabric vulcanized thereto.

2. A pocket having a shirred tubular guide along its free edge, and a constricting band of rubber in said guide having reenforced ends, the band being secured at its said reenforced ends only and extending otherwise freely within and through the tubular guide.

In testimony whereof I have hereunto subscribed my name.

HARRY J. GORDON.