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L. H. GILMER

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PACKING FOR HOODS OF AUTOMOBILES

Filed June 24, 1926

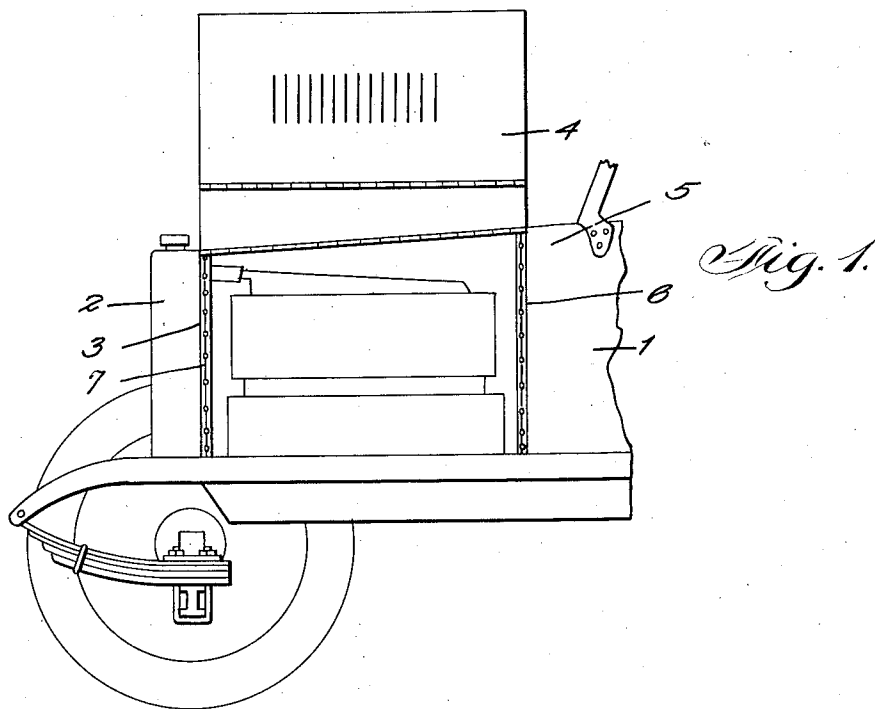


Fig. 2.

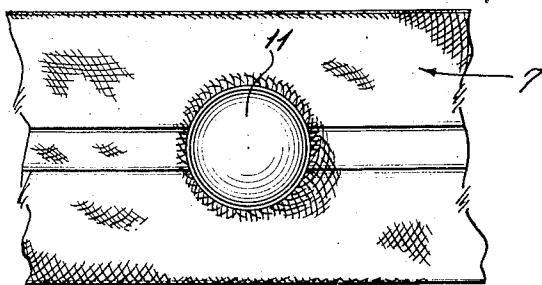
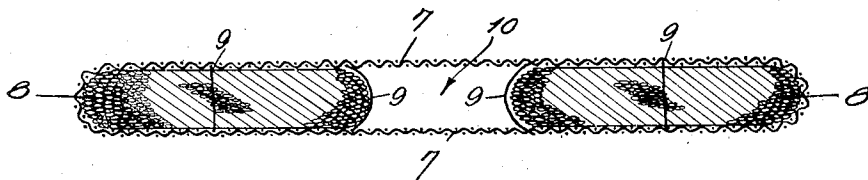


Fig. 3. *Inventor*
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UNITED STATES PATENT OFFICE.

LUDWELL H. GILMER, OF TACONY, PENNSYLVANIA, ASSIGNOR TO L. H. GILMER CO.,
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PACKING FOR HOODS OF AUTOMOBILES.

Application filed June 24, 1926. Serial No. 118,386.

My invention relates to antirattling devices for automobile hoods and has for its object to provide a pliable tape which may be readily applied to the cowl and radiator of automobiles whereby the engine hood may be secured in position on the radiator and cowl with a comparatively tight fit, the tape preventing contact of metal to metal and thereby eliminating all rattling between the hood and the radiator and cowl.

My invention consists of the flanged packing of appropriate thickness and weave having stuffer or gut threads within and at each side thereof, binder threads connecting the tube and stuffer threads, there being a substantial tubular channel through the packing from end to end between the two sets of stuffer threads.

In the drawings:

Figure 1 is a side elevation of the forward end of an automobile with the hood open and the packing or tape in position.

Figure 2 is a transverse section through the tape.

Figure 3 is a top plan view of the tape showing a rivet head thereon.

The reference numeral 1 designates a conventional form of automobile, and 2 the radiator thereof. The radiator 2 is provided, as is usual, with a flange 3 on which the hood 4 rests. The cowl 5 of the automobile is provided with the usual hood engaging flange 6.

My improved antirattling tape is designed to be secured to the flanges 3 and 6 by means of rivets or any other preferred fastening devices.

My improved antirattling tape consists of a flattened packing 7 made up of a composite fabric of appropriate thickness and weave. I have shown the packing as being of multiply weave, but, of course, it is understood that any desired weave may be used.

Within the packing 7 and at each side edge portion thereof, a plurality of stuffer or gut threads 8 are laid and woven in the packing by binder threads 9. These stuffer or gut threads extend the full length of the woven tube or tape. By disposing the gut or stuff-

er threads in the side edge portions of the packing 7 I provide a space 10 between the stuffer or gut threads which constitutes a channel extending from end to end of the tape.

It will be seen from the drawing that there are no binder threads extending from the top to the bottom plies of the packing 7 between the layers of stuffer threads so that the top and bottom plies of the packing are free from each other in the middle of the packing.

It will be seen that the packing is substantially flat from side edge to side edge and of substantially the same thickness throughout its cross sectional area.

This improved antirattler tape or packing is comparatively narrow so that it will not overlap the flanges of the radiator and cowl, and by reason of its central channel formation it can be collapsed along the line of the channel by a rivet when it is secured to the flanges 3 and 6.

When the rivet 11 is passed through the tape the head of the rivet extends beyond the side walls of the channel 10 and overlaps the inner edge portion of the layer of stuffer threads on each side of the channel and compresses such inner edge portions beneath it when clinched in place whereby the tape is firmly held against accidental displacement on the flanges 3 and 6, and the head submerge in the packing below the upper face of the packing whereby the head of the rivet does not come in contact with the hood when the hood is secured in position on the automobile.

What I claim is:

A packing for hoods of automobiles comprising a multiply narrow fabric having stuffer or gut threads woven therein at each side thereof, binder threads holding said stuffer threads at each side edge portion of the fabric, the upper and lower plies of the fabric between said stuffer threads being free from each other thereby forming a channel through and within the middle of the fabric.

In testimony whereof I affix my signature.

LUDWELL H. GILMER.