Jan. 12, 1926. **1,569,320**

M. F. GRIFFIN

TRUNK

Filed Feb. 20, 1925

Fig. 1

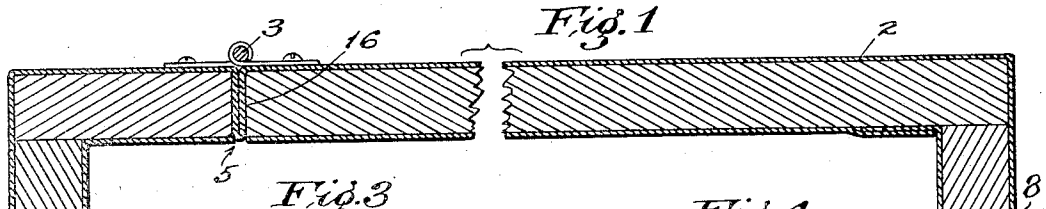


Fig. 3

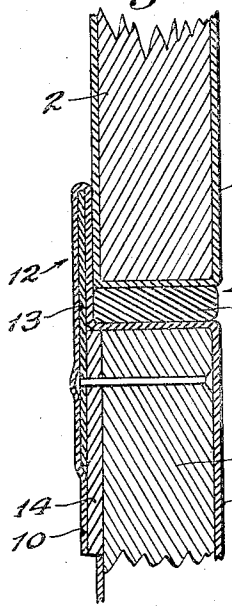


Fig. 2

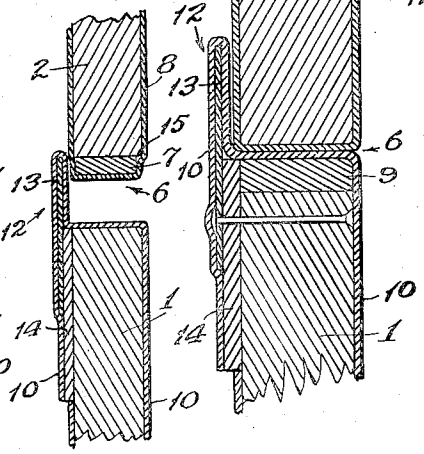


Fig. 4

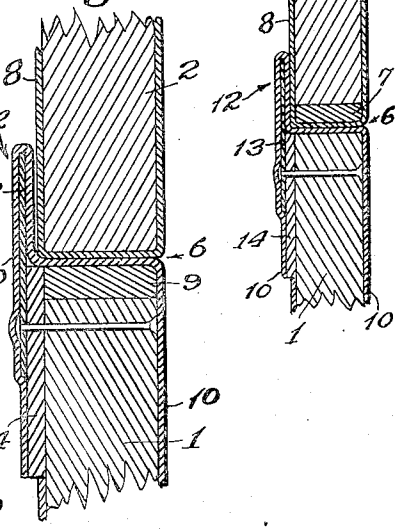


Fig. 5

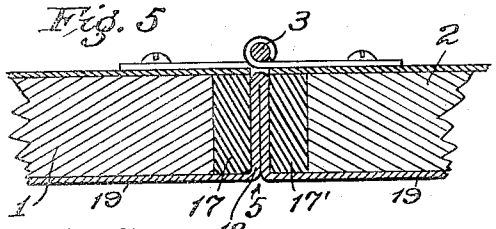


Fig. 6

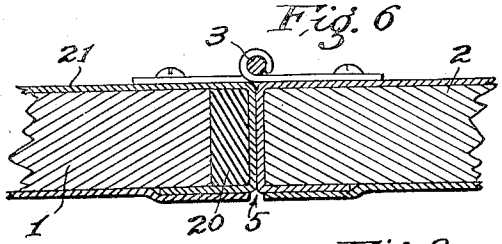


Fig. 7

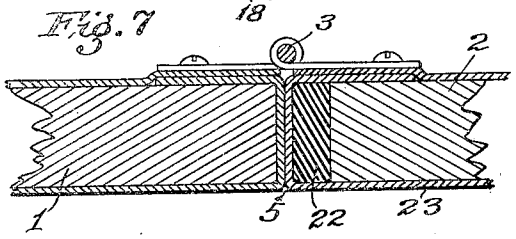


Fig. 8

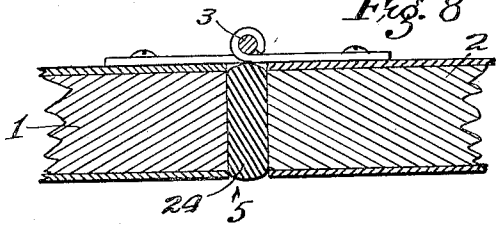
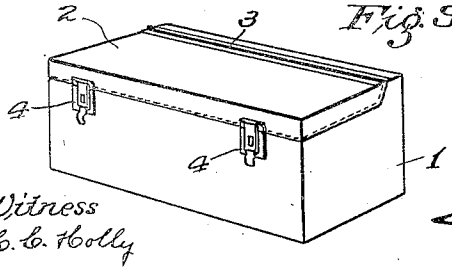


Fig. 9



Witness
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Inventor
Maurice F. Griffin
by James R. Townsend
his atty.

Patented Jan. 12, 1926. 1,569,320

UNITED STATES PATENT OFFICE.

MAURICE F. GRIFFIN, OF LOS ANGELES, CALIFORNIA.

TRUNK.

Application filed February 20, 1925. Serial No. 10,491.

To all whom it may concern:

Be it known that I, MAURICE F. GRIFFIN, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Trunks, of which the following is a specification.

This invention is applicable to various trunks, suitcases, etc., but is more particularly applicable to automobile trunks, that is, those which may be fitted in closely to the rear end of an automobile, or carried on the trunk rack or running board of an automobile. My invention may also be applied to hand luggage.

My invention relates to improvements over the construction shown and described in my Patent No. 1,523,481, issued January 20, 1925.

An object of my invention is to provide a trunk with novel and simple means whereby the joint between the lid and body is made both moisture and dust proof when closed.

Another object is to so construct the joint between the lid and the body that it will attain the above object and which will improve its appearance over other trunks.

A feature of the invention is the provision of a resilient edge at the joinder of the lid and body so that when the lid is secured in closed position by the usual hasps such resilient edge will be depressed and form a dust and weather proof joint and in this respect the invention is broadly new, basic and pioneer.

An object is to provide the edge of the trunk body or lid with a resilient padding which will not be affected by atmospheric or weather conditions.

Another object is cheapness in construction without losing any of the advantages of a dust and weather proof trunk.

A further object is to provide a moisture and dust proof joint packing which is efficient in operation, sightly in appearance and may be readily applied with a minimum amount of labor.

A still further object is to provide a novel auto trunk that will not require a hood or extra cover to exclude dust and rain from entering the trunk at the joint between the lid and body.

Other objects, advantages and features of invention may appear from the accompanying drawing, the subjoined detailed description and the appended claims.

The accompanying drawing illustrates the invention.

Figure 1 is a fragmentary transverse sectional view of a trunk embodying my invention. The lid is shown in closed position on the body.

Fig. 2 is a fragmentary sectional view showing the lid slightly raised from the body.

Fig. 3 is an enlarged fragmentary sectional view of a slightly modified application of my invention.

Fig. 4 is a fragmentary sectional view, on the same scale as Fig. 3, of a further modified form of mounting the packing at the lid and body joint.

Fig. 5 is a fragmentary sectional view of the joint at the hinge showing one way of attaching the packing thereto.

Fig. 6 is a view analogous to Fig. 5, showing a modified form of mounting the packing at the hinge.

Fig. 7 is a view analogous to Figs. 5 and 6, showing another modified way of mounting the packing.

Fig. 8 is a view analogous to Figs. 5, 6 and 7, showing a still further modification in mounting the packing.

Fig. 9 is a perspective view of a trunk embodying my invention.

The trunk or hand luggage on which my invention is applicable comprises an open body 1 and a lid 2, to close the opening of said body. The lid is preferably hinged to one side of the body as at 3, and is clamped or buckled thereto at its other side by suitable fastening means or hasps 4. The joint between the lid 2 and body 1 at the hinge 3 will hereafter be called the hinge joint 5, while the joint adjacent the fasteners 4 will hereafter be called the front joint 6.

To make these joints moisture and dust proof, I provide a strip 7 of a soft yieldable material, and mount the same at the place of joinder between the lid and body. Said strip may be secured to either the lid edge of the top edge of the body or to both lid and body.

When the lid is secured in closed position by the means 4 the packing strip is compressed between the edges of the lid and

body, and bears tightly against their meeting surfaces, thus effectively excluding dirt and moisture. The packing strip may be of any suitable material that is resilient, such as felt, rope, etc., but it is preferably made of sponge or other soft rubber.

The front joint 6 will first be considered. In the form shown in Figs. 1 and 2 the yieldable packing strip 7 is secured to the front edge of the lid 2 at the joint 6. This strip extends substantially the width of the trunk edge, but terminates a slight distance from the front face of the lid, and is glued, tacked or otherwise suitably secured to the lid 2. A suitable covering material 8 extends over the lid 2, and this material is brought over the front edge of the lid and encloses the strip 7 so that the strip 7 is entirely covered and protected. The material 8 is practically air tight and the ends of such material are glued to the lid, thereby preventing air or moisture reaching the packing 7 and consequently prevents deterioration and hardening of the strip 7 due to oxidation.

All friction and wear is carried by the covering, thus lengthening the life of the strip 7, besides providing a much more pleasing appearance.

In Fig. 4 a strip 9 of yieldable material is suitably secured to the top edge of the body 1 at the joint 6, and the body covering material 10 extends over said strip and protects and preserves it in a manner analogous to the lid covering 8.

In Fig. 3 a yieldable strip 11 is positioned in the joint 6, and is not covered by either coverings 8 or 10, and may be secured to either the lid 2 or body 1.

To strengthen and further protect the joint 6 against dirt and moisture I provide an inside valence 12, formed of a metal band 13. In order that the band 13 may not engage the lid 2, or covering 8 thereof, when opening or closing the lid, a spacing block 14 formed of any desirable material such as card board, wood, metal, etc., is secured to the body 1 between said valence and the body.

The band 13 rests against the block 14 which spaces it the proper distance from the body 1 so that when covered by the covering 10 the covering 8 arranged on the inside of the lid 2 will not engage the covering 10 on the outside of the valence.

The fasteners 4 are so arranged that the lid 2 is drawn against the body 1 to compress the strips 7, 9 or 11. To prevent these strips from beading outwardly and making an unsightly appearance I make the said strips narrower than the thickness of the lid or body material, and space the front edge of said strip a slight distance from the front face of the lid or body, as shown at 15, thus leaving a space which is filled by the strip beading outwardly when the lid is fully closed, thus making a flush outside surface when the trunk is closed.

The inside edge of the resilient strips are arranged flush with the inner face of the lid or body and when the lid is fully closed the inner edge of the strip is forced inwardly away from the lid and body and forms a bead which bears tightly against the valence 12 to further seal the joint 6.

The hinge joint 5 may or may not be equipped with a strip 7, as the trunk joint at this point may be protected in a manner similar to that shown in my above-mentioned patent. However, I have here shown several ways in which the hinge joint 5 may be made dust and weather proof by my present invention.

In Fig. 1 the lid is spaced from the body 1 and a fold or loop 16 of the top material 8 extends into the space thus effectually sealing the joint. This construction is described and claimed in my patent above referred to.

In Figs. 5 to 8 inclusive I have shown packing strips secured to the body or lid or to both body and lid and covered by the top covering or lining or uncovered as shown in Fig. 8.

In Fig. 5 two yieldable strips 17 and 17' are shown secured to the body 1 and lid 2 respectively, at the joint 5 and a loop 18 of the lining 19 extends between said strips to cover and protect them. Obviously the loop 18 may be formed of either the top covering or the lining.

In Fig. 6 a single yieldable strip 20 is shown secured to the body at the joint 5, and the strip is covered by the body top covering material 21, which extends over and around the strip. If desired the strip may be secured to the lid and covered by the lid top covering material.

In Fig. 7 a yieldable strip 22 is secured to the lid 2 at the joint 5, and is covered by the lining material 23, or if desired the strip may be secured to the body and covered by the body lining.

In Fig. 8 a strip 24 is shown in the joint 5 which may be secured to either the body 1 or lid 2 and is not covered by the covering material of either.

The hinge 3 is so secured to the lid and body so that as the lid is closed the yieldable strips 17, 17', 20, 22 or 24 are pinched between the lid and body and compressed, thus forming a tight joint that will exclude all moisture and dirt.

I claim:

1. In a trunk comprising a body and lid members, and having a joint between said body and lid, a covering for the trunk members, and a resilient strip interposed in said joint, said covering extending over said strip.

2. In a trunk comprising a body; a lid hinged thereto and having a hinge joint and a front joint; a yieldable packing strip in said front joint; a covering for said lid extending over said strip, said strip being narrower than the lid material; and packing means in said hinge joint.

3. In a trunk having a lid, a resilient strip along the free edge of said lid; and a covering for the lid extending over and enclosing said strip.

4. A trunk lid having its free edge provided with a resilient strip, and means covering said strip.

In testimony whereof, I have hereunto set my hand at Los Angeles, California, this 13th day of February, 1925.

MAURICE F. GRIFFIN.