March 25, 1969 G. J. THIRY 3,434,318

DOOR AND TRUNK LOCK COVER

Filed Nov. 21, 1966

FIG. 1

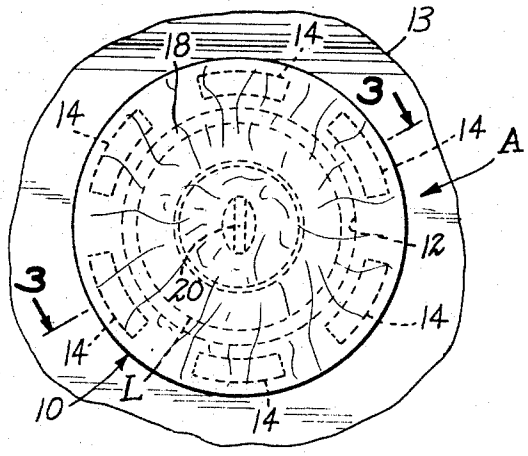


FIG. 2

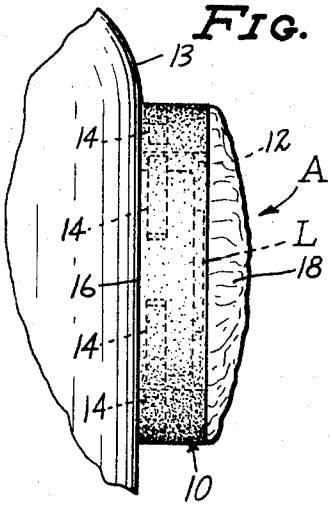


FIG. 3

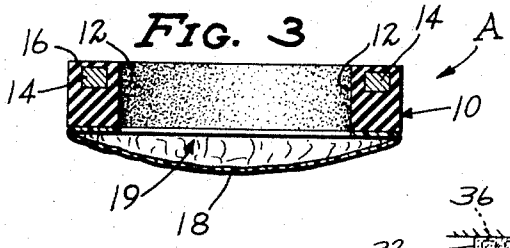


FIG. 4

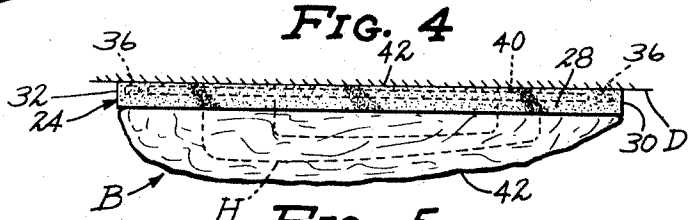


FIG. 6

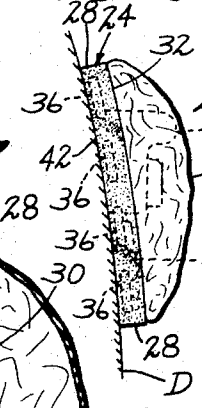
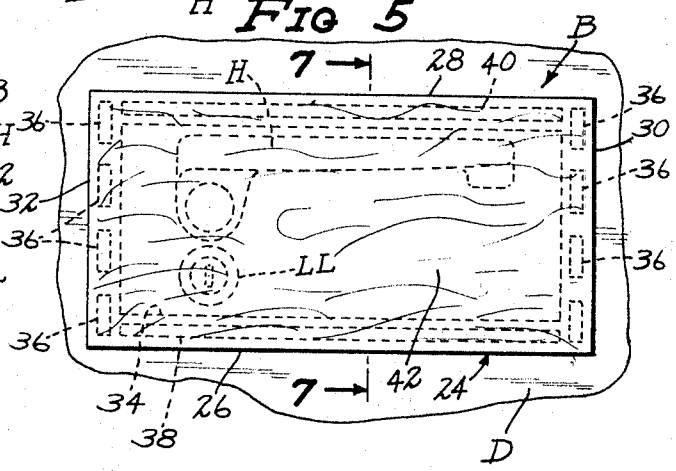


FIG. 7

FIG 5



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ABSTRACT OF THE DISCLOSURE

A removable cover for exterior locks and handles of an automobile including a body member having a cavity formed therein with a plurality of magnets embedded in the periphery of the body.

The invention relates broadly to an improvement in a device for protecting door and trunk locks of automobiles and, more particularly, to a cover for the lock which is easily attached to the door or trunk and which completely covers and seals off the handle and lock or a trunk lock against the entrance of water into the lock when the automobile is washed.

In the northern climes during the winter season when the temperature drops below freezing the washing of an automobile frequently causes water to enter the door and trunk locks thereof. If the automobile is allowed to remain outside in the cold, the water in the locks freezes, thereby preventing opening of the lock. Thawing the lock may take considerbale time, and the facilities for thawing the lock may not be readily available. If the facilities are not available, a serious emergency may be created, for example, where a spare tire cannot be removed from a trunk due to a frozen lock when the automobile is considerable distance from help, and the outside temperature is below freezing. To prevent such an occurrence, water must not be allowed to enter the lock when the car is washed.

It is an object of the invention to provide cover for the lock of an automobile door or trunk which easily attaches to the car and seals off the lock.

It will not be here attempted to set forth and indicate all of the various objects and advantages incident to the invention, but other objects and advantages will be referred to in or else will become apparent from that which follows.

The invention will appear more clearly from the following detailed description when taken in connection with the accompanying drawings, showing by way of example a preferred embodiment of the inventive idea wherein like numerals refer to like parts throughout.

In the drawings forming part of this application:

FIGURE 1 is a top plan view of the lock cover in position upon the lock of a trunk, only a portion of the trunk cover being shown.

FIGURE 2 is a side elevational view of the cover shown in FIGURE 1.

FIGURE 3 is a sectional view on the line 3—3 of FIGURE 1.

FIGURE 4 is a side elevational view of a further embodiment of the invention for covering the door lock of an automobile whether incorporated in the door handle or mounted in the door closely adjacent the door handle.

FIGURE 5 is a front elevational view of the cover illustrated in FIGURE 4.

FIGURE 6 is an end view of the cover shown in FIGURES 4 and 5.

FIGURE 7 is a sectional view on the line 7—7 of FIGURE 5.

Referring to the drawings in detail, the lock cover A includes the annular body **10** which is preferably formed of a resilient material such as rubber or the like which is

conformable to the form and surface of an automobile trunk lid, such as **13**. Mounted within the annular body **10**, by means of molding, are the plurality of magnets **14**, which are spaced from the inner surface **16** of the body **10** whereby the resilient surface of the body is in contact with the trunk or door surface for adequate conformance and sealing engagement therewith. The annular body **10** may be provided with a slot or slots which receive the magnets.

Secured to the annular body **10** and extending over the opening **12** thereof is the pliable, waterproof top portion **18**. The annular body **10** and the top **18** form a member having a cavity **19** into which a lock extends when the device is in position on a door as described below. The device A is used by placing the same over a lock, such as L, and upon the trunk with the lock extending into the opening **12**. The inner surface **16** of the body **10** is held in intimate contact with the surface of the lid **13** by means of the magnets **14**, thereby sealing off the lock L and preventing water from entering the keyhole **20** of the lock L when the automobile is washed.

A further embodiment of the invention is found in FIGURES 4–7 as cover B, which includes the peripheral body **24** formed of the elongated side pieces **26** and **28** joined at the ends by the end pieces **30** and **32**. The formation of the pieces **26**, **28**, **30**, and **32** forms the opening **34**, which has dimensions sufficient to encompass an automobile door H handle and lock LL adjacent thereto, FIGURES 4–6. The peripheral body **24** is preferably formed of a resilient material such as rubber or the like, which is conformable to the form and surface of the side of an automobile door D. Mounted within the end pieces **30** and **32** forming part of the body **24** by means of molding are the plurality of spaced magnets **36**, and mounted within the side pieces **26** and **28** by means of molding are the elongated magnets **38** and **40**, respectively. The magnets **36** and the magnets **38** and **40** are all spaced from the inner surface **42** of the end and side pieces whereby the resilient surface of the body **24** is in contact with the door surface for adequate conformance and sealing engagement therewith. The peripheral body **24** may be provided with slots which receive the magnets **36**, **38**, and **40**.

Secured to the end and side pieces making up the peripheral body **24** is the pliable waterproof top portion **42**. The dimensions of the peripheral body **24** and the top **42** are sufficient to encompass the handle H and the lock LL. The device B is used by placing the same over the handle H and the lock LL with the peripheral body **24** upon the door D. The magnets **36**, **38**, and **40** maintain a tight sealing engagement of the body **24** with the door D whereby water played upon the door cannot enter the lock LL or a lock which is incorporated in a handle such as H. The cover B and the cover A, as well, are easily removed by pulling on the same sufficiently to overcome the action of the magnets. With a plurality of spaced magnets **36** in the end pieces **30** and **32**, the end pieces will conform to an irregular design in an automobile door.

The invention is not to be understood as restricted to the details set forth since these may be modified within the scope of the appended claims without departing from the spirit and scope of the invention.

Having thus described the invention what is claimed as new and desired to be secured by Letters Patent is:

1. A cover for exterior locks and handles of an automobile comprising:

(a) a substantially flat body member,

(b) said body member having a cavity formed therethrough from one side to an opposite side of said body member, a cover member secured to said one

side of said body member and extending over said cavity to completely cover said cavity, and

(c) a plurality of magnets embedded in said body for attaching said body to the body of an automobile to cover a portion thereof, said magnets being spaced about said cavity.

2. The cover of claim 1 in which said body member is formed of a resilient material, and said cover member is formed of a pliable, waterproof material.

3. A cover for exterior locks and handles of an automobile comprising:

(a) a substantially flat body member,

(b) said body member having a cavity formed therethrough from one side to an opposite side of said body member, a cover member secured to said one side of said body member and extending over said cavity to completely cover said cavity.

(c) a plurality of magnets embedded in said body member adjacent the periphery thereof for attaching said body to the body of an automobile to cover a lock of an automobile, said magnets being spaced about said cavity.

4. The cover of claim 3 in which said body member is formed of a resilient material, and said cover member is formed of a pliable, waterproof material.

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70—424; 292—251.5