

Nov. 8, 1949

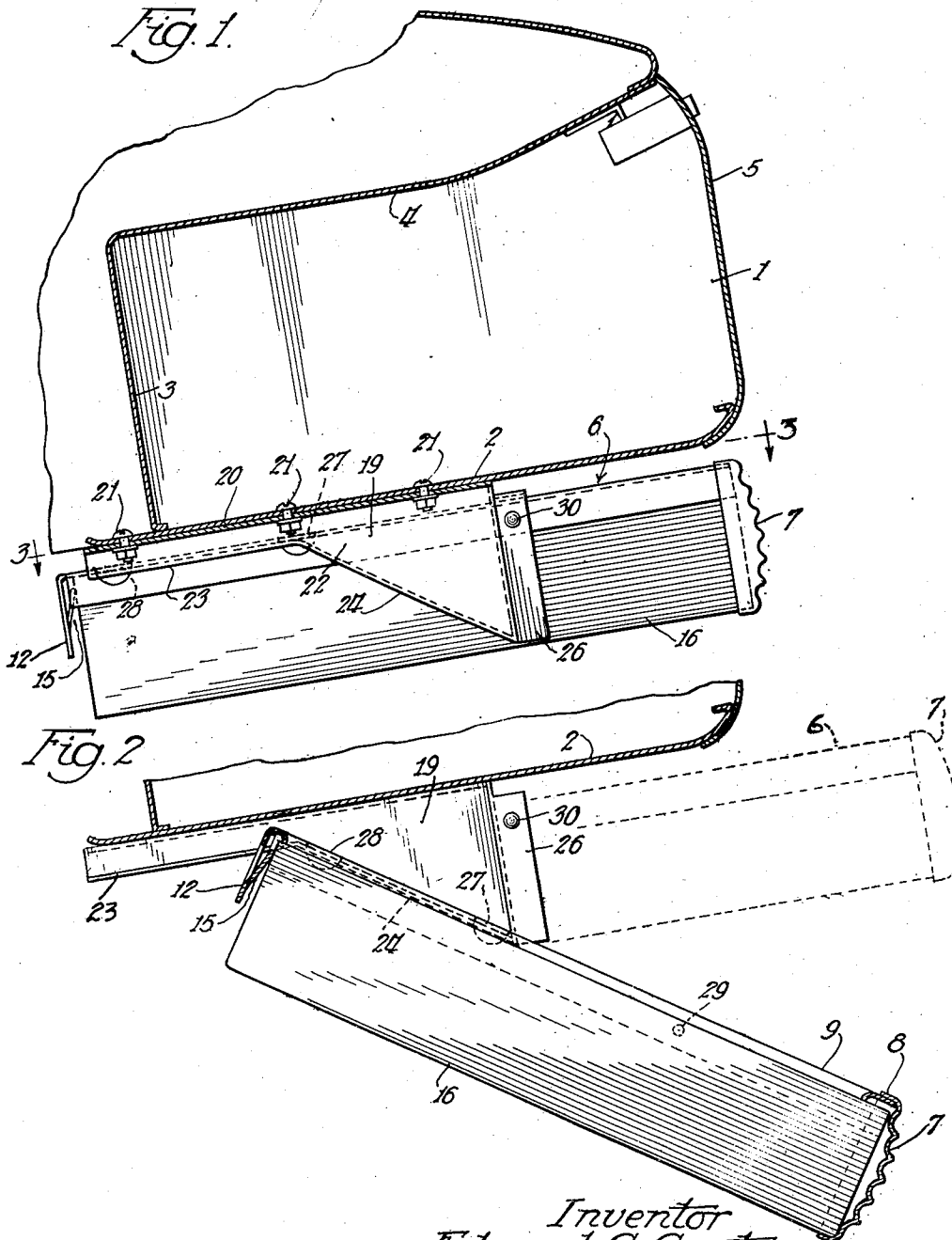
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DISPENSING PACKAGE HOLDER

Filed Feb. 9, 1946

2 Sheets-Sheet 1



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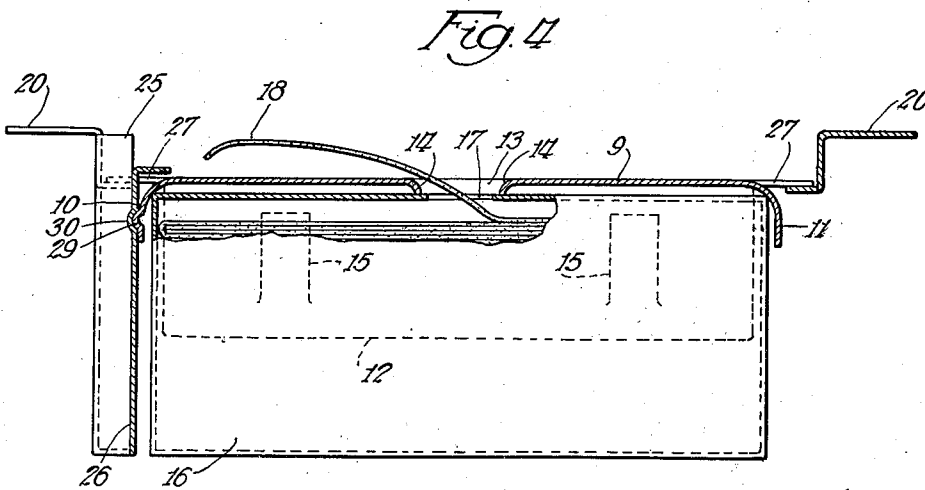
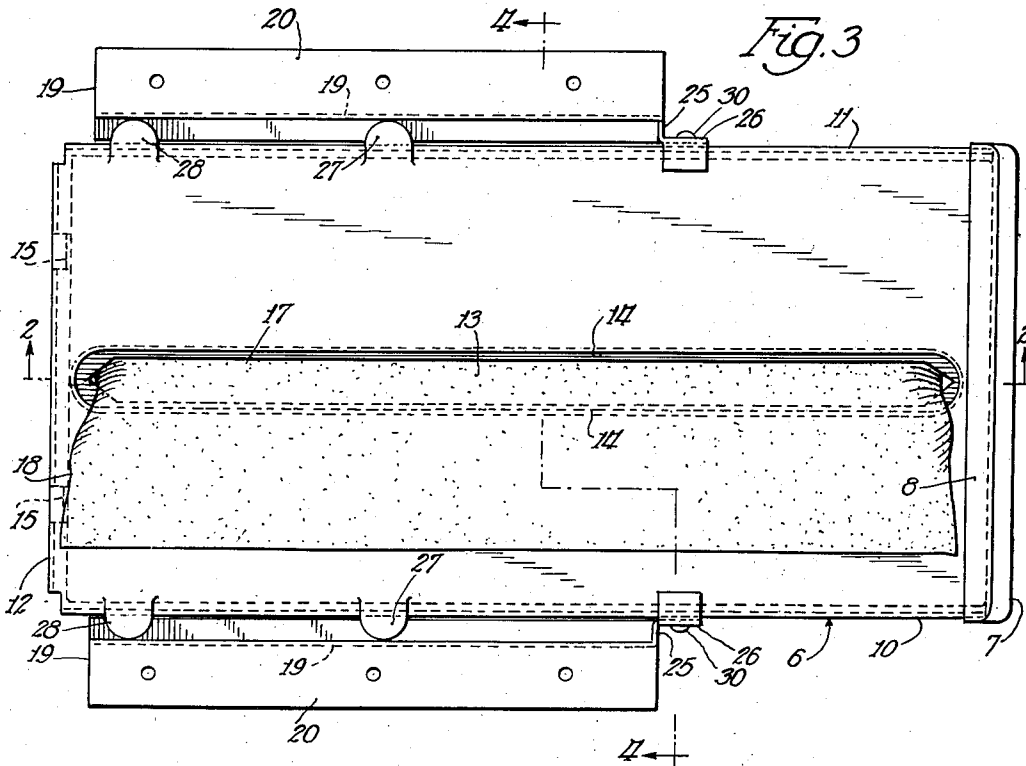
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DISPENSING PACKAGE HOLDER

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3 Claims. (Cl. 312—50)

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This invention relates to a dispensing package holder and, in the form illustrated, has particular reference to a holder for a dispensing package of interfolded sheet material. The holder illustrated is also designed particularly for supporting a tissue dispensing package in an automobile in a conveniently accessible position under the glove compartment, or similar location under the instrument panel of the automobile.

The main objects of the invention are to provide a holder for the purpose indicated, which will take up a minimum of space and be substantially out of the way when in a closed position, but which will permit the dispensing package to be made readily accessible when desired; to provide a holder of the character indicated which may be easily attached to the supporting panel or wall of the vehicle; to provide a holder which can be manufactured and sold at low cost and which can be produced from a minimum amount of light weight material and in such forms as to be attractive and in harmony with other elements of the vehicle for which it is designed.

Other objects and advantages of the invention will be understood by reference to the following specification and accompanying drawings (two sheets) wherein a holder embodying a selected form of the invention is illustrated in a typical installation in an automobile.

In the drawings,

Fig. 1 is a side elevation of the holder in installed position under the glove compartment of an automobile;

Fig. 2 is a longitudinal cross section through the device but showing the holder in an extended or opened position affording access to the dispensing opening of the dispensing package, the plane of the section being shown by the line 2—2 of Fig. 3.

Fig. 3 is a plan section on the line 3—3 of Fig. 1; and,

Fig. 4 is a section on the line 4—4 of Fig. 3.

In Fig. 1 of the drawings, the usual glove compartment of an automobile is represented at 1, the same having a bottom wall 2, back wall 3, top wall 4, and an access door 5. The details of construction of the glove compartment are unimportant and may vary considerably in accordance with conventional practice. The bottom wall 2 of the glove compartment may also typify a bottom wall or panel extending rearwardly from the lower edge of an instrument panel which may also be represented by the door 5 of the glove compartment.

The holder herein illustrated comprises an inverted drawer-like member 6, which embodies a front member 7 of shallow tray-like form as best shown in Fig. 2, said front member having a relatively shallow peripheral wall 8 extending therearound. Said front member is of generally

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rectangular form in front elevation, and it has rigidly secured to its upper wall portion 8 an inverted tray-like member, comprising a main wall 9, depending side flanges 10 and 11, and a depending rear flange 12. The main wall 9 of said inverted tray-like member is provided with a centrally disposed longitudinally extending slot 13 which, as best shown in Fig. 4, is formed by the removal of a narrow strip of the panel 9 and downwardly rolling narrow margins of the panel to form the downwardly rounded edge portions 14—14 around said slot 13.

The main wall 9 of the inverted tray may be spot welded or otherwise rigidly united to the wall portion 8 of the front member so that the front member and tray element constitute, in effect, a rigid one piece inverted drawer unit.

A standard package of tissue sheets, such as may be typified by a 200 sheet "Kleenex" tissue package may be mounted in the drawer by inserting the package from below the drawer and endwise into the front member 7 which will receive a short end portion of the package. The then rearward or opposite end portion of the package may be moved upwardly into the drawer structure where it may be held by means of one or more spring tongues 15 (see Fig. 4) formed integrally with the rear wall 12, or riveted or otherwise secured thereto. The free end of said spring tongues 15 may be sharpened or provided with teeth which will bite into the end wall of the package 16 so as to cooperate with the front 7 of the holder to hold said package with its top wall against the bottom edges of the down turned flanges 14—14 around the dispensing opening 13.

The tissue sheet package referred to is provided with means for forming an elongated dispensing slot or opening 17 in its top wall to permit the tissue sheets represented at 18 to be withdrawn from the package and through the opening 13 when the package is properly mounted in the holder as explained.

For mounting the package holding drawer 6 on the bottom wall 2 of the glove compartment, there is provided a pair of track members 19—19 which are of like form except that one is right hand and the other left hand for disposition on opposite longitudinal sides of the drawer. Each of said track members embodies a top flange 20 which is adapted to be secured to the bottom wall 2 by means of small bolts, such as represented at 21, or otherwise in any suitable manner. From the inner edges of each of said flanges 20 there depends a web 22 and from the inner or rear portions of each of said webs there extends laterally inwardly a flange 23 which is substantially parallel to the plane of the wall to which the device is attached.

The forward portions of said webs have down-

wardly and forwardly extending inclined bottom edges provided with laterally inwardly extending flanges 24. The flanges 23 and 24 are continuous as illustrated, and at their front ends said track members have inwardly extending flanges 25 and forwardly extending portions 26 which are offset inwardly from their respective webs 19 into proximity to the side walls 10 and 11 of the drawer structure.

The drawer structure is provided with outer and inner or forward and rearward ears 27 and 28 respectively at its opposite sides, said ears being adapted to be formed integrally with the drawer structure by punching the same out of the side walls 10 and 11 thereof. Said ears are adapted to slidably engage the flange portions 23 and 24 to support the drawer in its inwardly disposed closed position as shown in Fig. 1.

To prevent the drawer from rocking downwardly at its front end in the closed position illustrated in Fig. 1, and to releasably lock the drawer in its closed position, the side walls 10 and 11 of the drawer may be provided with an outwardly offset boss or hump 29 for interlocking engagement with a correspondingly formed recess or socket 30 formed in the flange portions 26. To gain access to the dispensing opening of the package, the drawer may be pulled forwardly, the ears 28 riding on the horizontal flange portions 23, the ears 27 leaving the flange portions 23 and 24 while the front portion of the drawer is manually supported, or riding down on the flange portion 24 until it engages the inwardly extending web portion 25. When the drawer is pulled outwardly and manually supported at its outer end, the drawer may be permitted to rock downwardly from the dotted line position of the drawer shown in Fig. 2, to the open position thereof shown in full lines in said Fig. 2. In the latter case, the ears 27 of the drawer will have been out of engagement with the track flanges 24 from just shortly after the initiation of the outward movement of the drawer.

The drawer may be restored to closed position by combined inward and upward movement which will, of course, be guided by the track portions 23 and 24.

The releasable interlocking means 29 and 30 in the construction shown depends upon the resiliency of the respective parts carrying said interlocking means for permitting engagement and disengagement thereof. Such means has proven practicable but, if desired, other suitable releasable locking means may be employed.

As herein shown, the front 7 is ornamented by being horizontally fluted. This is in keeping with the general styling of present-day automobiles and is illustrative of the manner in which the normally visible portion of the drawer may be harmonized in appearance with the trim or other parts of the vehicle. Other forms may be imparted to the drawer front for this purpose.

In the closed position of the device as shown in Fig. 1, it takes up but little room and is practically out of the way. In the extended position of the device as shown in Fig. 2, the dispensing opening is readily accessible notwithstanding the fact that the drawer is not caused to project substantially beyond the plane of the glove compartment door or instrument panel. Also, in the closed position of the drawer, any portion of the tissue sheet which normally projects from the package is protected by being housed between the

drawer and the wall of the vehicle to which the holder is attached.

Various changes in the described structure may be made without departing from the invention.

I claim:

1. A dispenser of the class described, comprising a holder for a package having an article dispensing opening, means for mounting said holder on a wall or the like in such a manner as to position the dispensing opening of the package closely adjacent such wall so as to thereby prevent access to said opening, said means comprising a pair of tracks having co-planar inner portions adapted to support said holder for sliding movement in a plane approximately parallel to the plane of said wall and outer co-planar portions extending angularly from said plane so as to permit the holder to be also rocked away from said plane when the holder is slid to an extended position, thereby to provide access to said dispensing opening, the holder being provided with relatively spaced inner and outer elements slidably engaging said tracks.

2. A dispenser of the class described, comprising a holder for a package having an article dispensing opening, means for mounting said holder on a wall or the like in such a manner as to position the dispensing opening of the package closely adjacent such wall so as to thereby prevent access to said opening, said means comprising a pair of tracks having co-planar inner portions adapted to support said holder for sliding movement in a plane approximately parallel to the plane of said wall and outer co-planar portions extending angularly from said plane so as to permit the holder to be also rocked away from said plane when the holder is slid to an extended position, thereby to provide access to said dispensing opening, the holder being provided with relatively spaced inner and outer elements slidably engaging said tracks, and means for releasably locking said holder in closed position.

3. A dispenser of the class described, comprising a holder for a package having an article dispensing opening, a bracket for mounting said holder on a wall or the like in such a manner as to position the dispensing opening of the package closely adjacent such wall so as to thereby prevent access to said dispensing opening, said bracket comprising a pair of tracks having co-planar inner portions adapted to support said holder for sliding movement in a plane approximately parallel to the normal plane of said wall, and having outer co-planar portions extending angularly from said plane so as to permit the holder to be also rocked away from said plane when the holder is slid to an extended position, the holder being provided with ears slidably engaging said tracks, and said holder and bracket having interengaging means releasably locking said holder in closed position and serving to support said holder against said rocking movement.

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