United States Patent

[11] 3,567,108

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[45] Patented **Mar. 2, 1971**

[54] **PULL TAB, LABEL AND HANDLE**
5 Claims, 12 Drawing Figs.

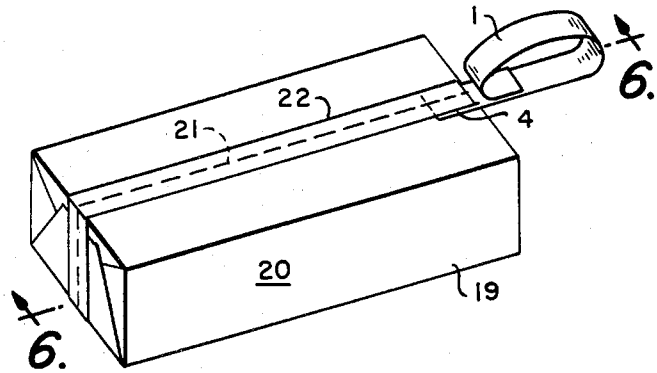
[52] **U.S. Cl.** **229/52,** 206/56, 229/51
[51] **Int. Cl.** **B65d 5/46,** B65d 25/22, B65d 75/56, B65d 83/06
[50] **Field of Search** ..... 206/52, 58, 56 (A2), (Adhesive Digest); 229/52 (AL), 52 (A), 66, 51 (A.S.), 51; 224/45.18

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Primary Examiner—William T. Dixson, Jr.
Attorney—Harold L. Halpert

ABSTRACT: A means for carrying, labeling and opening a package is provided by a strip of material, such as paper, which is formed into a loop carrying indicia thereon and adhered to the package at one end. A strip of adhesive tape is also adhered to the loop and the package. The package may then be carried by the loop and opened by pulling on the loop.



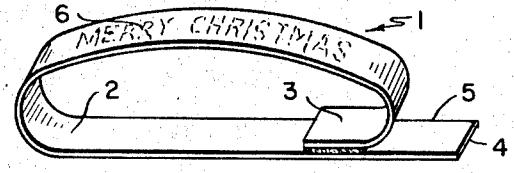


FIG. 1.

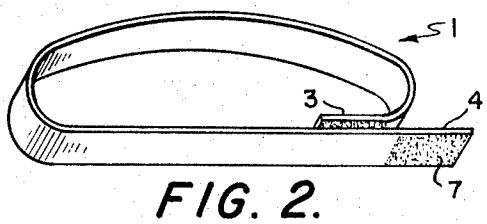


FIG. 2.

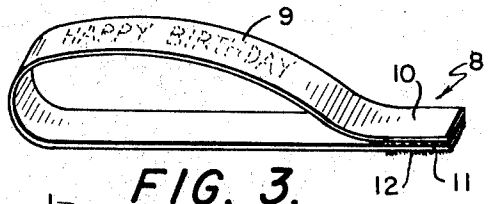


FIG. 3.

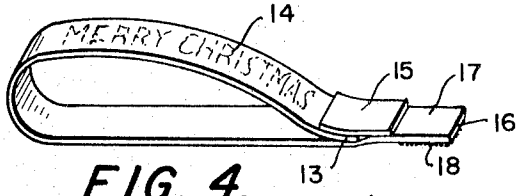


FIG. 4.

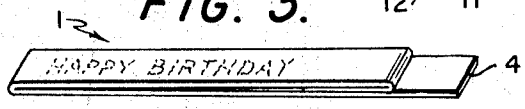


FIG. 1A.

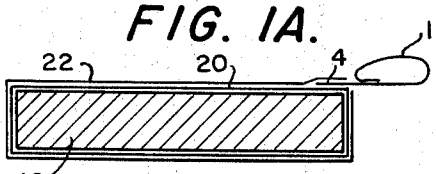


FIG. 6.

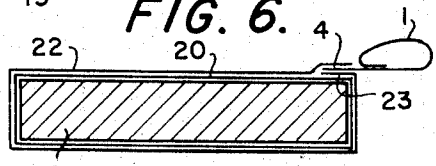


FIG. 7.

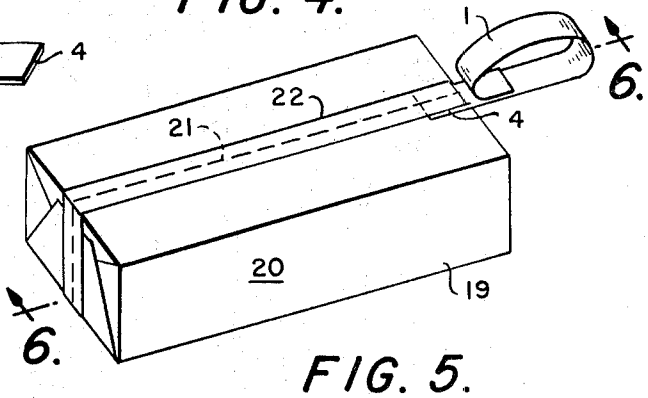


FIG. 5.

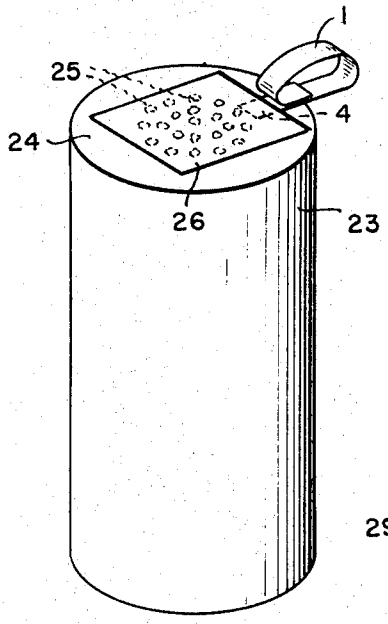


FIG. 8.

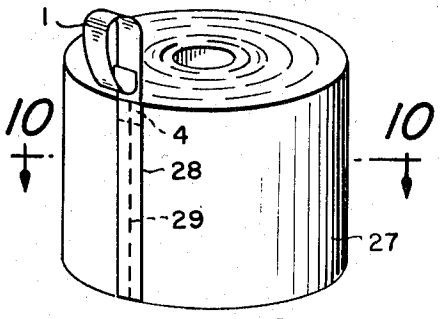


FIG. 9.

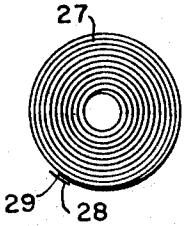


FIG. 10.

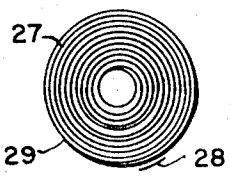


FIG. 11.

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PULL TAB, LABEL AND HANDLE

This invention relates to the opening, labeling and carrying of packages.

Despite numerous developments in the field it often remains difficult to open a package, especially without the use of tools.

It is an object of the invention to provide a device which may easily be applied to a package and then used to open it.

A further object is to provide such a device which also carries indicia which may indicate the contents of he package, convey a holiday greeting, form a trademark, convey any other desired information, or be ornamental in nature.

A further object is to provide such a device which may be used to carry the package.

Another object is to furnish a package having attached thereto a device which is useable to carry the package, convey information pertaining to the package (or be ornamental) and open the package.

To achieve these objects the device comprises a loop made of a strip of paper, fabric, plastic or the like, the inside of the loop being engageable by the hand of a user and the outside of the loop carrying indicia, a portion of the device at one end of the loop carrying an adhesive whereby the loop may be adhered to the package and another portion of the loop at the same end receiving and adhered to an adhesive tape which is also secured to the package. The package may then be carried by a user placing a portion of his hand inside the loop and be opened by restraining movement of the package and pulling on the loop.

The loop device may, for example, be used in retail stores and applied to a package as part of the wrapping process or it may be used at home in connection with the wrapping of gifts or the like. where Where the loop device may be applied to the package by the manufacturer of the package. The loop device may be applied to many different types of packages. As disclosed herein it is applied to a box wrapped in paper, a can of kitchen cleanser powder and a roll of toilet tissue paper In the Drawing:

FIG. 1 is a perspective view of the loop showing the top surface;

FIG. 1A is a side elevation of the loop of FIG 1 in flat condition;

FIG. 2 is a perspective view of the loop showing the bottom surface;

FIG. 3 is a perspective view of another embodiment of the loop;

FIG. 4 is a perspective view of still another embodiment of the loop;

FIG. 5 is a perspective view of a package comprising a box wrapped in paper;

FIG. 6 is a cross section of the package taken on line 6–6 of FIG. 5;

FIG. 7 is a view similar to Fig. 6 but showing another manner of applying the loop and tape;

FIG. 8 is a perspective view of a package comprising a can of kitchen cleanser powder;

FIG. 9 is a perspective view of a package comprising a roll of toilet tissue paper;

FIG. 10 is a cross section of FIG. 9 on line 10–10;

FIG. 11 is a similar cross section but showing the tape in a different location. As shown in FIG. 1 a strip 1 of paper, fabric, plastic or other suitable material is folded to form a loop 2. One end of the loop forms a foot portions 3 which is secured to the underlying material by adhesive or other suitable securing means. The bottom part of the loop is continued to form an extension 4, the extension being relatively short, that is, less than the length of the loop. The top surface 5 of extension 4 is adapted to receive the end of an adhesive tape as shown in FIGS. 5—11. The top surface of the loop bears indicia 6 which may convey any suitable message. For example, it may have printed thereon "Merry Christmas," leaving room for a personal signature or message from a donor of a package. Indicia 6, also may be ornamental rather than conveying a message.

Before use the loop of FIG. 1, as well as the loops of FIGS. 3 and 4, may be in flat condition, as shown in FIG. 1A for ease in storage and handling. Also, when initially applied to packages the loops may be flat. The open condition may be effected by the user for purposes of carrying the packages or pulling on the loop to open the package.

As seen in FIG. 2 the bottom surface of extension 4 of loop 2 has adhesive 7 thereon for causing the loop to adhere to a package when applied thereto.

In the species of FIG. 3 an extension 8 is formed at one end of loop 9 by top portion 10 and bottom portion 11 which are secured together by adhesive or other suitable means. The bottom surface of portion 11 has adhesive 1 applied thereto for causing the loop to adhere to a package while the top surface of portion 10 is adapted to receive the end of an adhesive tape as shown in FIGS. 5—11.

In the species of FIG. 4 the end 13 of loop 14 is secured to the underlying material by a piece of adhesive tape 15. Extension 16 at one end of loop 14 has adhesive 18 on its bottom surface for adhering the loop to a package, while the top surface 17 of extension 16 is adapted to receive the end of an adhesive tape as shown in FIGS. 5—9.

FIGS. 5, 6, and 7 show a package 19 comprising a box or other article wrapped in paper 20 which has an edge 21. As shown in FIGS. 5 and 6, extension 4 of loop 2 is placed over he edge 21 at one end of the package and the loop 2 is adhered to the paper on both sides of edge 21 by the adhesive 7. An end of adhesive tape 22 is then adhered to the top surface of extension 4 after which the adhesive tape is adhered to the wrapping paper over edge 21 and if so desired continued around the package to the edge at which is located the loop 1.

In the alternative arrangement of FIG. 7 the adhesive tape 22 has an end portion 23 located over paper edge 21 and extension 4 of loop 2 is adhered to this end portion 23 by adhesive 7, the adhesive tape then being extended around the package to cover edge 21 and terminate with its other end portion adhered to the top surface of extension 4.

In either the arrangement of FIGS. 6 or 7 the package is securely closed by the adhesive tops and may readily be carried by a person whose hand engages the inside of the loop. To open the package it is only necessary to restrain its movement with one hand an pull on the loop towards the left, as seen in FIGS. 6 and 7. Such pulling results in the tape 22 being removed from the package while still being adhered to the loop 2. Removal of tape 22 exposes the edge 21 of the wrapping paper to enable easy completion of the opening of the package. Removal of tape 22 will result in some tearing of paper 20, the amount of tearing depending on the type of wrapping paper. However, the opening of the package is not dependent on tearing the wrapping paper since the removal of the tape exposes edge 21.

In FIG. 8 a package comprising a can 23 of powdered kitchen cleanser is disclosed. The end 24 of the can has perforations 25 for dispensing the powder. Loop 1 is secured to end 24 by adhesive 7 on extension 4. Adhered to the top of extension 4 and also to the top 24 of can 23 so as to cover the openings 25 is a piece of adhesive tape 26.

The loop 1 forms a convenient means for carrying package 23 in the same manner as the package of FIGS. 5—7. To open package 23 it is only necessary to restrain it with one hand and pull towards the left on loop 1 with the other hand. Tape 26 will then be removed from the can while still attached to extension 4 If it is desired to cover openings 25 again, extension 4 and tape 26 may be readhered to end 24. The tape 26 and extension 4 can also be readhered to end 24 in a different position so as to uncover a selected portion of openings 25 to control dispensing of the powder from these openings.

In FIGS. 9 and 10 is shown a package comprising a roll of toilet tissue paper 27. Extension 4 of loop 1 is adhered to the outer surface of roll 27 by adhesive 7. A length of adhesive tape 28 is then adhered to the top surface of extension 4 and to the outer surface of the roll of tissue paper. The adhesive tape 28 and extension 4 are positioned to cover the edge 29 of the paper, thus securing the outermost section of paper to the

underlying section of paper and preventing the roll from unwinding till it is desired to use it.

The package **27** may be carried abut as desired by engaging the inside of the loop. When it is desired to use the package it is restrained by one hand and the loop is given a downward pull by the other hand. This will result in tearing the tissue paper along the edges of tape **28** thus enabling easy opening of the package by unwinding the roll of paper.

In FIG. **11** the end of the roll of toilet tissue paper at the region of the edge **29** is adhered to the underlying paper to prevent unrolling of the paper, this being the customary manner of manufacture of the roll. The adhesive tape **28** with its loop **2** is adhered to the surface of the roll of paper at a location spaced from the edge. This package may be opened in the same way as the package of FIG. **10** by pulling on the loop to tear the tissue paper at the edges of tape **28** thus enabling unwinding of the roll.

While the loop **2** of FIGS. **1** and **2** has been shown as used with the packages of FIGS. **5—11** it will be understood that the loops of FIGS. **3** and **4** may be substituted with their extensions **8** or **16** being used in the manner of extension **4**.

I claim:

1. A package comprising an outer cover of sheet material having a free edge, an adhesive tape lapped over said edge and adhered to the cover, and a looped handle of sheet material having a free end lapped over a segment of said edge and positioned between the tape and cover, said free end of the handle having an adhesive coating adhering the handle to the cover, whereby the looped handle can be used to carry the package and remove the tape.

2. A package as defined in claim **1** wherein said package comprises a roll of paper and the outer cover is the last winding on the roll.

3. A package as defined in claim **1** wherein the looped handle comprises a strip having an adhesive applied to the same surface at the ends thereof with one adhesive end secured to the opposite surface adjacent the other end.

4. A package as defined in claim **1** wherein the looped handle comprises a strip having an adhesive applied to the same surface at the ends with one adhesive end secured to the opposite surface over the other end.

5. A package comprising a hollow container having a perforated section for dispensing the contents, a cover having an adhesive surface adhered to the container and covering the perforations, and a looped handle having a free end coated with adhesive adhered to the can under a segment of the cover whereby the handle can be used to convey the container and to strip the cover away from the perforations.