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(54) **PIVOT ASSEMBLY FOR PACKAGING, POINT OF SALE DISPLAY PACKAGING**

SCHWENKVORRICHTUNG FÜR EINE VERPACKUNG, VERPACKUNG VORORT IN DER
VERKAUFSSTELLE

ENSEMBLE PIVOT POUR EMBALLAGE, EMBALLAGE D’AFFICHAGE POINT DE VENTE

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Description

FIELD OF THE INVENTION

[0001] This invention relates to a pivot assembly for packaging and in particular to a pivot assembly for a point of sale display carton or box, and to a point of display packaging incorporating said pivot assembly.

BACKGROUND OF THE INVENTION

[0002] It is known to provide a point of sale display carton, typically made from corrugated cardboard, within which consumer products can be packaged for transportation to the point of sale, and within which the products are displayed at the point of sale, such that the purchaser's attention is drawn to the products and whereby the purchaser has access to the products. Such display carton may be assembled and filled with products prior to being supplied to the point of sale or may be supplied as flat blanks to be assembled and filled with products at the point of sale.

[0003] Typically a header or top card (typically referred to as a "topper") is provided, extending upwardly from a rear wall of the display carton and upon which advertising and branding or other information about the products may be printed. Such topper is deployed when the carton is in use at the point of sale.

[0004] It is known to provide separate, detachable toppers which can be attached to the display carton at the point of sale. However, known detachable toppers may be lost, may not be mounted correctly and provided limited space for advertising and branding.

[0005] Alternatively, the topper may be integrated with the body of the display carton. However, this increases the size of the display carton during transport and prevents removal and replacement of the topper for customisation of a standard display carton.

[0006] In another prior art solution, as illustrated in Figures 1 and 2, a topper 2 is provided having a rear wall 4, adapted to be aligned with the rear wall of the display carton 6, and side walls 8,10 extending on either side of the display carton 6, the side walls 8,10 of the topper 2 being attached to the sides of the display carton 6 by means of axially aligned plastic connectors 12 permitting the topper 2 to be pivoted with respect to the display carton 6 between an operative configuration (shown in Figure 1), wherein the rear wall 4 of the topper 2 is aligned with and extends upwardly from the rear wall of the display carton 6, and a stowed or transport configuration (not shown), wherein the rear wall 4 of the topper 2 is located in front of the display carton 6. This allows the topper 2 to be attached to the display carton 6 when it is assembled and also allows the topper 2 to protect the packaged products during transport of the display carton 6 to the point of sale. However, the use of plastic components is undesirable from a recycling perspective and the need to assemble the plastic connectors during at-

tachment of the topper to the display carton increases assembly time of the display carton prior to packing. KR2012 0117303, DE 102015111163, US 808766 and SE433339 disclose known pivotal connecting arrangements for packaging.

SUMMARY OF THE INVENTION

[0007] According to a first aspect of the present invention there is provided a pivot assembly according to claim 1 for packaging comprising a substantially circular aperture formed in a first panel and first and second tabs integrally formed in and extending from a second panel, wherein the first and second tabs of the second panel are adapted to be inserted through said aperture of the first panel with the first and second panels laying parallel to and in contact with one another such that the first panel can rotate with respect to the second panel about an axis of said aperture.

[0008] In a preferred embodiment said first tab extends from a first fold line and said second tab extends from a second fold line, said first and second fold lines extending parallel to one another and having a spacing and less than the diameter of said aperture, diverging cut lines extending from either end of said first and second fold lines to define outwardly diverging side edges of said first and second tabs.

[0009] Preferably said first and second fold lines have a length less than the diameter of said aperture. More preferably said first and second fold lines have a length substantially equal to a respective chord of said aperture that is aligned with the respective fold line when the first and second tabs are inserted through said aperture.

[0010] The diverging cut lines of at least one of said first and second tabs may terminate in an opening in the second panel. The or each opening may have a semi-circular shape, comprising a curved edge portion and a substantially straight edge portion, said substantially straight edge portion defining an outer edge of a respective one of the first and second tabs. The diverging cut lines of at least one of said first and second tabs may terminate at an outer edge of the second panel.

[0011] Preferably said first and second tabs extend away from one another when lying in the plane of the second panel.

[0012] The first and second tabs may each have an outer edge extending between said diverging cut lines and having a length substantially equal to the diameter of said aperture to allow the tabs to be inserted through the aperture with their outer edges aligned with a centre line of the aperture.

[0013] In one embodiment the first panel may comprise a side wall of a point of sale display and the second panel comprise a side wall of a topper.

[0014] According to a further aspect of the present invention there is provided a point of sale display packaging according to claim 11 comprising a display carton having a rear wall and a pair of side walls and a topper comprising

a rear wall and a pair of side walls, each side wall of the display carton being coupled to a respective side wall of the topper by means of a pivot assembly in accordance with the first aspect of the invention, said pivot assemblies defining a pivotal coupling between said display carton and said topper adapted to permit the topper to be pivoted with respect to the display carton through approximately 180° between a first configuration, wherein the rear wall of the topper is substantially contiguous with the rear wall of the display carton and a second configuration wherein the rear wall of the topper is located in front of and substantially parallel to the rear wall of the display carton to cover at least a portion of a front face of the display carton.

[0015] Each side wall of the display carton may define a first panel of a respective pivot assembly having a respective aperture formed therein, said apertures being aligned on a common axis extending substantially parallel to the rear wall of the display carton, each side wall of the topper defining a second panel of a respective pivot assembly having first and second tabs integrally formed therein and being adapted to be inserted through a respective aperture in the display carton.

BRIEF DESCRIPTION OF THE DRAWINGS

[0016] A pivot assembly for a display carton in accordance with an embodiment of the present invention will now be described, by way of example only, with reference to the accompanying drawings, in which:-

Figure 3 is a perspective view of a display carton incorporating a pivot assembly in accordance with an embodiment of the present invention in a first configuration;

Figure 4 is a perspective view of the display carton of Figure 3 in a second configuration; and

Figure 5 is a detailed exploded view of the pivot assembly of the carton of Figure 3.

DETAILED DESCRIPTION OF THE DRAWINGS

[0017] Figure 3 and 4 illustrate a point of sale display unit comprising a display carton 20, which may be made from corrugated cardboard, within which consumer products can be packaged for transportation to the point of sale, and within which the products can be displayed at the point of sale, said display carton 20 incorporating integrally formed pivot assemblies 30,32 in accordance with an embodiment of the present invention for pivotably connecting a topper 40 to the display carton 20, allowing the topper 40 to be pivotably attached to the display carton 20 without the use of any separate fasteners and without requiring any plastic components.

[0018] The display carton 20 comprises a rear wall 22 and first and second opposing side walls 24,26 extending perpendicular to and forwardly from lateral sides of the

rear wall 22, and a bottom wall 28, to define a cuboid container, having at least a partially open front face and at least partially open upper face, within which container consumer products can be packaged and displayed. Preferably the display carton 20 is formed from a single foldable blank, as is known in the art.

[0019] The topper 40 comprises a rear wall 42, upon which advertising and branding or other promotional information about the products to be held in the display carton 20 may be printed, and first and second side walls 44,46 extending perpendicular to and forwardly from either side of the rear wall 42 when the topper 40 is in the operative configuration, as shown in Figure 3.

[0020] The respective pivot assemblies 30,32 are integrally formed in overlapping portions of first and second side walls 24,26,44,46 of each of the display carton 20 and topper 40 to define a pivot coupling allowing the topper 40 to be rotated about a pivot axis "X" extending parallel to the rear wall 22 of the display carton 20 between an operative configuration, shown in Figure 3, wherein the rear wall 42 of the topper 40 is contiguous with and extends upwardly from the rear wall 22 of the display carton 20, and an out of use configuration, shown in Figure 4, wherein the rear wall 42 of the topper 40 is located in front of and substantially parallel to the rear wall 22 of the display carton 20 to cover at least a portion of a front face of the display carton 20.

[0021] As illustrated in Figure 5, each pivot assembly 30,32 comprises a substantially circular aperture 54 formed in a respective one of the first and second side walls 24,26 of the display carton 20 and first and second tabs 56,58 integrally formed in and extending from a respective one of the first and second side walls 44,46 of the topper 40, wherein the first and second tabs 56,58 of each pivot assembly 30,32 are adapted to be inserted through the respective aperture 54 thereof, the apertures 54 of the pivot assemblies 30,32 being axially aligned on said pivot axis "X" such that the topper 40 can rotate with respect to the display carton 20 about said pivot axis "X".

[0022] Each first tab 56 extends from a first fold line 60 and each second tab 58 extends from a second fold line 62, said first and second fold lines 60,62 extending parallel to one another and having a spacing and less than the diameter of the respective aperture 54 through which the respective tabs 54,56 are inserted. Diverging cut lines 64,66,68,70 extend from either end of each of said first and second fold lines 60,62 to define outwardly diverging side edges of the respective tab 56,58. The cut lines 64,66,68,70 may be straight or curved.

[0023] Preferably each of the first and second fold lines 60,62 of each pivot assembly 30,32 has a length substantially equal to length of a respective chord of the aperture 54 with which chord the respective fold line 60,62 is aligned when the first and second tabs 56,58 are inserted through the respective aperture 54.

[0024] Each of the said first and second tabs 56,58 of each pivot assembly 30,32 has an outer edge having a length substantially equal to the diameter of the respec-

tive aperture 54.

[0025] This arrangement allows the first and second tabs 56,58 of each pivot assembly 30,32 to be folded about their respective fold lines 60,62 to lie substantially perpendicular to the respective side wall 44,46 of the topper 40, whereby the respective first and second tabs 56,58 of each pivot assembly 30,32 can be inserted through the respective aperture 54 with the outer edge of each first and second tab 56,58 substantially aligned with a centre line of the respective aperture 54. Once inserted through the respective aperture 54, the respective first and second tabs 56,58 of each pivot assembly 30,32 may be folded about its respective fold line 60,62 away from one another and towards an inner face of the respective side wall 24,26 of the display carton 20 such that the diverging sides of each of the first and second tabs 56,58 of each pivot assembly 30,32 prevent the tabs 56,58 from being easily pulled back through the respective aperture 54, thereby coupling the topper 40 to the display carton 20 while permitting the topper 40 to be pivoted about said pivot axis "X" defined by the axially aligned apertures 54 in the side walls 24,26 of the display carton 20 between its operative and out of use configurations. Preferably the diverging cut lines 64,66,68,70 defining the side edges of each of the first and second tabs 56,58 terminate in an opening or cut out 72 formed in the respective side wall 44,46 of the topper 40 or at an outer edge of the respective side wall 44,46 of the topper 40. This allows a user to engage an outer edge of each tab 56,58 with a finger to fold the respective tab 56,58 about its respective fold line 60,62 from a first position, aligned with the plane of the respective side wall 44,46 of the topper 40 to a second position, extending substantially perpendicular to the plane of the respective side wall 44,46 of the topper 40.

[0026] As shown in Figure 5, the or each opening 72 may have a semi-circular shape, comprising a curved edge portion and a substantially straight edge portion, said substantially straight edge portion defining an outer edge of a respective one of the first and second tabs 56,58.

[0027] While the apertures 54 of the pivot assemblies 30,32 are described as being formed in the side walls 24,26 of the display carton 20 and the tabs 56,58 are described as being formed in the side walls 44,46 of the topper 40, it is envisaged that the apertures may be formed in the side walls of the topper while the cooperating tabs may be formed in the side walls of the display carton.

[0028] The provision of integrally formed pivot assemblies 30,32 in the side walls 24,26,44,46 of the display carton 20 and topper 40 avoids the need for additional fastening devices, facilitates rapid assembly of the point of sale display unit and avoids the use of plastic parts, thereby overcoming the disadvantages of the prior art.

[0029] While the pivot assemblies are described in relation to the pivotal attachment of a topper to a display carton, it is envisaged that a pivot assembly in accord-

ance with the present invention may be utilised wherever it is desired to couple first and second panels to one another in a manner to permit relative rotation between said first and second panels.

Claims

1. A pivot assembly (30,32) for packaging, comprising a substantially circular aperture (54) formed in a first panel, wherein the pivot assembly comprises a second panel, wherein the first and second panels laying parallel to and in contact with one another such that the first panel can rotate with respect to the second panel about an axis of said aperture (54), **characterised in that** first and second tabs (56,58) are integrally formed in and extending from the second panel, wherein the first and second tabs of the second panel are adapted to be inserted through said aperture of the first panel.
2. A pivot assembly as claimed in claim 1, wherein said first tab (56) extends from a first fold line (60) and said second tab (58) extends from a second fold line (62), said first and second fold lines (60,62) extending parallel to one another and having a spacing and less than the diameter of said aperture (54), diverging cut lines (64,66,68,70) extending from either end of said first and second fold lines (60,62) to define outwardly diverging side edges of said first and second tabs (56,58).
3. A pivot assembly as claimed in claim 2, wherein said first and second fold lines (60,62) have a length less than the diameter of said aperture (54).
4. A pivot assembly as claimed in claim 3, wherein said first and second fold lines (60,62) have a length substantially equal to a respective chord of said aperture (54) that is aligned with the respective fold line (60,62) when the first and second tabs (56,58) are inserted through said aperture (54).
5. A pivot assembly as claimed in any of claims 2 to 4, wherein said diverging cut lines (64,66,68,70) of at least one of said first and second tabs (56,58) terminate in an opening (72) in the second panel.
6. A pivot assembly as claimed in claim 5, wherein the or each opening (72) has a semi-circular shape, comprising a curved edge portion and a substantially straight edge portion, said substantially straight edge portion defining an outer edge of a respective one of the first and second tabs (56,58).
7. A pivot assembly as claimed in any of claims 2 to 6, wherein said diverging cut lines (64,66,68,70) of at least one of said first and second tabs (56,58) termi-

nate at an outer edge of the second panel.

8. A pivot assembly as claimed in any of claims 2 to 7, wherein said first and second tabs (56,58) extend away from one another when lying in the plane of the second panel. 5
9. A pivot assembly as claimed in any of claims 2 to 8, wherein said first and second tabs (56,58) each have an outer edge extending between said diverging cut lines (64,66,68,70) and having a length substantially equal to the diameter of said aperture (54). 10
10. A pivot assembly as claimed in any preceding claim, wherein said first panel comprises a side wall (24,46) of a point of sale display (20), said second panel comprising a side wall (44,46) of a topper (40). 15
11. A point of sale display packaging, comprising a display carton (20) having a rear wall (22) and a pair of side walls (24,26) and a topper (40) comprising a rear wall (42) and a pair of side walls (44,46), each side wall (24,26) of the display carton (20) being coupled to a respective side wall (44,46) of the topper (40) by means of a respective pivot assembly (30,32) as claimed in any preceding claim, said pivot assemblies (30,32) defining a pivotal coupling between said display carton (20) and said topper (40) adapted to permit the topper (40) to be pivoted with respect to the display carton (20) through approximately 180° between a first configuration, wherein the rear wall (42) of the topper (40) is substantially contiguous with the rear wall (22) of the display carton (20) and a second configuration wherein the rear wall (42) of the topper (40) is located in front of and substantially parallel to the rear wall (22) of the display carton (20) to cover at least a portion of a front face of the display carton (20). 20 25 30 35
12. A point of sale display as claimed in claim 11, wherein each side wall (24,26) of the display carton (20) defines a first panel of a respective pivot assembly (30,32) having a respective aperture (54) formed therein, said apertures (54) being aligned on a common axis ("X") extending substantially parallel to the rear wall (22) of the display carton (20), each side wall (44,46) of the topper (40) defining a second panel of a respective pivot assembly (30,32) having first and second tabs (56,58) integrally formed therein and being adapted to be inserted through a respective aperture (54) in the display carton (20). 40 45 50

Patentansprüche

1. Drehgelenkanordnung (30, 32) für Verpackung, umfassend eine im Wesentlichen kreisförmige Öffnung (54), die in einer ersten Platte gebildet ist, wobei die 55

Drehgelenkanordnung eine zweite Platte umfasst, wobei die erste und die zweite Platte parallel zueinander und in Kontakt miteinander liegen, sodass sich die erste Platte in Bezug auf die zweite Platte um eine Achse der Öffnung (54) drehen kann, **dadurch gekennzeichnet, dass** eine erste und eine zweite Lasche (56, 58) integriert in der zweiten Platte gebildet sind und sich davon erstrecken, wobei die erste und die zweite Lasche der zweiten Platte dazu angepasst sind, durch die Öffnung der ersten Platte gesteckt zu werden.

2. Drehgelenkanordnung nach Anspruch 1, wobei sich die erste Lasche (56) von einer ersten Falzlinie (60) erstreckt und sich die zweite Lasche (58) von einer zweiten Falzlinie (62) erstreckt, sich die erste und die zweite Falzlinie (60, 62) parallel zueinander erstrecken und einen Abstand und weniger als den Durchmesser der Öffnung (54) aufweisen und sich auseinanderlaufende Schnittlinien (64, 66, 68, 70) von beiden Enden der ersten und der zweiten Falzlinie (60, 62) erstrecken, um nach außen auseinanderlaufende Seitenkanten der ersten und der zweiten Lasche (56, 58) zu definieren.
3. Drehgelenkanordnung nach Anspruch 2, wobei die erste und die zweite Falzlinie (60, 62) eine Länge aufweisen, die geringer als der Durchmesser der Öffnung (54) ist.
4. Drehgelenkanordnung nach Anspruch 3, wobei die erste und die zweite Falzlinie (60, 62) eine Länge aufweisen, die im Wesentlichen gleich einer jeweiligen Sehne der Öffnung (54) ist, die mit der jeweiligen Falzlinie (60, 62) fluchtet, wenn die erste und die zweite Lasche (56, 58) durch die Öffnung (54) gesteckt sind.
5. Drehgelenkanordnung nach einem der Ansprüche 2 bis 4, wobei die auseinanderlaufenden Schnittlinien (64, 66, 68, 70) der ersten und/oder der zweiten Lasche (56, 58) in einer Öffnung (72) in der zweiten Platte enden.
6. Drehgelenkanordnung nach Anspruch 5, wobei die oder jede Öffnung (72) eine halbkreisförmige Form aufweist, die einen gekrümmten Kantenabschnitt und einen im Wesentlichen geraden Kantenabschnitt aufweist, wobei der im Wesentlichen gerade Kantenabschnitt eine Außenkante einer jeweiligen der ersten und der zweiten Lasche (56, 58) definiert.
7. Drehgelenkanordnung nach einem der Ansprüche 2 bis 6, wobei die auseinanderlaufenden Schnittlinien (64, 66, 68, 70) der ersten und/oder der zweiten Lasche (56, 58) an einer Außenkante der zweiten Platte enden. 55

8. Drehgelenkanordnung nach einem der Ansprüche 2 bis 7, wobei sich die erste und die zweite Lasche (56, 58) voneinander weg erstrecken, wenn sie in der Ebene der zweiten Platte liegen.
9. Drehgelenkanordnung nach einem der Ansprüche 2 bis 8, wobei die erste und die zweite Lasche (56, 58) jeweils eine Außenkante aufweisen, die sich zwischen den auseinanderlaufenden Schnittlinien (64, 66, 68, 70) erstreckt und eine Länge aufweist, die im Wesentlichen gleich dem Durchmesser der Öffnung (54) ist.
10. Drehgelenkanordnung nach einem der vorangehenden Ansprüche, wobei die erste Platte eine Seitenwand (24, 46) eines Verkaufsstellendisplays (20) umfasst und die zweite Platte eine Seitenwand (44, 46) eines Aufsatzes (40) umfasst.
11. Verkaufsstellen-Displayverpackung, umfassend einen Displaykarton (20) mit einer Rückwand (22) und einem Paar Seitenwände (24, 26) und einen Aufsatz (40), der eine Rückwand (42) und ein Paar Seitenwände (44, 46) umfasst, wobei die Seitenwände (24, 26) des Displaykartons (20) jeweils mittels einer jeweiligen Drehgelenkanordnung (30, 32) nach einem der vorangehenden Ansprüche an eine jeweilige Seitenwand (44, 46) des Aufsatzes (40) gekoppelt sind, wobei die Drehgelenkanordnungen (30, 32) eine schwenkfähige Kopplung zwischen dem Displaykarton (20) und dem Aufsatz (40) definieren, die dazu angepasst ist, zu ermöglichen, dass der Aufsatz (40) in Bezug auf den Displaykarton (20) um ungefähr 180° zwischen einer ersten Konfiguration, in der die Rückwand (42) des Aufsatzes (40) im Wesentlichen an die Rückwand (22) des Displaykartons (20) angrenzt, und einer zweiten Konfiguration, in der sich die Rückwand (42) des Aufsatzes (40) vor der Rückwand (22) des Displaykartons (20) befindet und im Wesentlichen parallel dazu ist, um mindestens einen Abschnitt einer Frontfläche des Displaykartons (20) abzudecken, geschwenkt wird.
12. Verkaufsstellen-Display nach Anspruch 11, wobei die Seitenwände (24, 26) des Displaykartons (20) jeweils eine erste Platte einer jeweiligen Drehgelenkanordnung (30, 32) mit einer jeweiligen darin gebildeten Öffnung (54) definieren, wobei die Öffnungen (54) auf einer gemeinsamen Achse ("X") ausgerichtet sind, die sich im Wesentlichen parallel zu der Rückwand (22) des Displaykartons (20) erstreckt, wobei die Seitenwände (44, 46) des Aufsatzes (40) jeweils eine zweite Platte einer jeweiligen Drehgelenkanordnung (30, 32) definieren, die eine erste und eine zweiten Lasche (56, 58), die integriert darin gebildet sind und dazu angepasst sind, durch eine jeweilige Öffnung (54) in dem Displaykarton (20) gesteckt zu werden, aufweisen.

Revendications

1. Ensemble formant pivot (30, 32) pour un emballage, comportant une ouverture sensiblement circulaire (54) formée dans un premier panneau, dans lequel l'ensemble formant pivot comporte un deuxième panneau, dans lequel les premier et deuxième panneaux reposent de manière parallèle et en contact l'un par rapport à l'autre de telle sorte que le premier panneau peut tourner par rapport au deuxième panneau autour d'un axe de ladite ouverture (54), **caractérisé en ce que** des première et deuxième languettes (56, 58) sont formées d'un seul tenant dans, et s'étendant depuis, le deuxième panneau, dans lequel les première et deuxième languettes du deuxième panneau sont adaptées à des fins d'insertion au travers de ladite ouverture du premier panneau.
2. Ensemble formant pivot selon la revendication 1, dans lequel ladite première languette (56) s'étend depuis une première ligne de pliage (60) et ladite deuxième languette (58) s'étend depuis une deuxième ligne de pliage (62), lesdites première et deuxième lignes de pliage (60, 62) s'étendant de manière parallèle l'une par rapport à l'autre et ayant un espacement et étant inférieures au diamètre de ladite ouverture (54), des lignes de découpe divergentes (64, 66, 68, 70) s'étendant depuis l'une ou l'autre des extrémités desdites première et deuxième lignes de pliage (60, 62) pour définir des bords latéraux divergents allant vers l'extérieur desdites première et deuxième languettes (56, 58).
3. Ensemble formant pivot selon la revendication 2, dans lequel lesdites première et deuxième lignes de pliage (60, 62) ont une longueur inférieure au diamètre de ladite ouverture (54).
4. Ensemble formant pivot selon la revendication 3, dans lequel lesdites première et deuxième lignes de pliage (60, 62) ont une longueur sensiblement égale à une corde respective de ladite ouverture (54) qui est alignée sur la ligne de pliage respective (60, 62) quand les première et deuxième languettes (56, 58) sont insérées au travers de ladite ouverture (54).
5. Ensemble formant pivot selon l'une quelconque des revendications 2 à 4, dans lequel lesdites lignes de découpe divergentes (64, 66, 68, 70) d'au moins l'une desdites première et deuxième languettes (56, 58) se terminent dans une ouverture (72) dans le deuxième panneau.
6. Ensemble formant pivot selon la revendication 5, dans lequel la ou chaque ouverture (72) a une forme semi-circulaire, comportant une partie de bord courbe et une partie de bord sensiblement droite, ladite

partie de bord sensiblement droite définissant un bord extérieur d'une languette respective des première et deuxième languettes (56, 58).

7. Ensemble formant pivot selon l'une quelconque des revendications 2 à 6, dans lequel lesdites lignes de découpe divergentes (64, 66, 68, 70) d'au moins l'une desdites première et deuxième languettes (56, 58) se terminent au niveau d'un bord extérieur du deuxième panneau. 5
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8. Ensemble formant pivot selon l'une quelconque des revendications 2 à 7, dans lequel lesdites première et deuxième languettes (56, 58) s'étendent à l'opposé l'une de l'autre quand elles reposent dans le plan du deuxième panneau. 15
9. Ensemble formant pivot selon l'une quelconque des revendications 2 à 8, dans lequel lesdites première et deuxième languettes (56, 58) ont chacune un bord extérieur s'étendant entre lesdites lignes de découpe divergentes (64, 66, 68, 70) et ayant une longueur sensiblement égale au diamètre de ladite ouverture (54). 20
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10. Ensemble formant pivot selon l'une quelconque des revendications précédentes, dans lequel ledit premier panneau comporte une paroi latérale (24, 46) d'un présentoir de point de vente (20), ledit deuxième panneau comportant une paroi latérale (44, 46) d'un surmontoir (40). 30
11. Emballage de présentoir de point de vente, comportant un carton de présentation (20) ayant une paroi arrière (22) et une paire de parois latérales (24, 26) et un surmontoir (40) comportant une paroi arrière (42) et une paire de parois latérales (44, 46), chaque paroi latérale (24, 26) du carton de présentation (20) étant accouplée à une paroi latérale respective (44, 46) du surmontoir (40) au moyen d'un ensemble formant pivot respectif (30, 32) selon l'une quelconque des revendications précédentes, lesdits ensembles formant pivot (30, 32) définissant un accouplement à pivot entre ledit carton de présentation (20) et ledit surmontoir (40) adapté pour permettre au surmontoir (40) d'être pivoté par rapport au carton de présentation (20) sur approximativement 180° entre une première configuration, dans laquelle la paroi arrière (42) du surmontoir (40) est sensiblement contiguë par rapport à la paroi arrière (22) du carton de présentation (20) et une deuxième configuration dans laquelle la paroi arrière (42) du surmontoir (40) est située devant, et de manière sensiblement parallèle par rapport à, la paroi arrière (22) du carton de présentation (20) pour recouvrir au moins une partie d'une face avant du carton de présentation (20). 35
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12. Présentoir de point de vente selon la revendication

11, dans lequel chaque paroi latérale (24, 26) du carton de présentation (20) définit un premier panneau d'un ensemble formant pivot respectif (30, 32) ayant une ouverture respective (54) formée dans celui-ci, lesdites ouvertures (54) étant alignées sur un axe commun ("X") s'étendant de manière sensiblement parallèle par rapport à la paroi arrière (22) du carton de présentation (20), chaque paroi latérale (44, 46) du surmontoir (40) définissant un deuxième panneau d'un ensemble formant pivot respectif (30, 32) ayant des première et deuxième languettes (56, 58) formées d'un seul tenant dans celui-ci et étant adaptées pour être insérées au travers d'une ouverture respective (54) dans le carton de présentation (20).

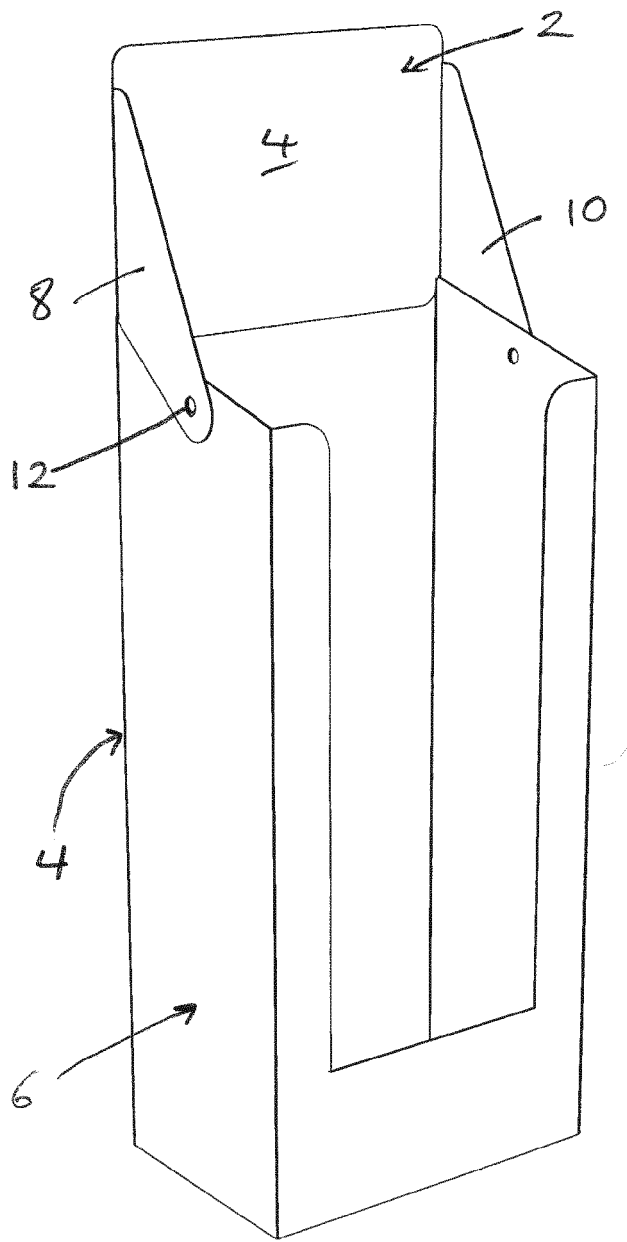


Figure 1

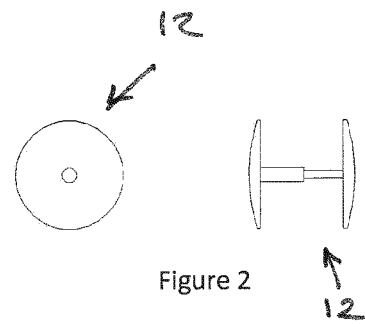


Figure 2

Prior art

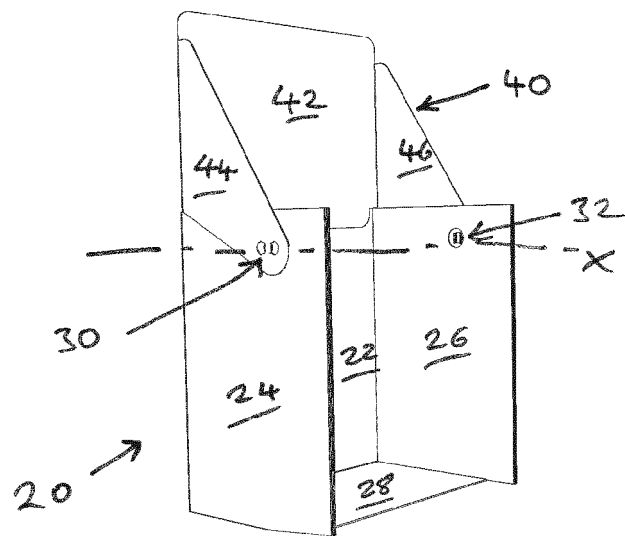


Figure 3

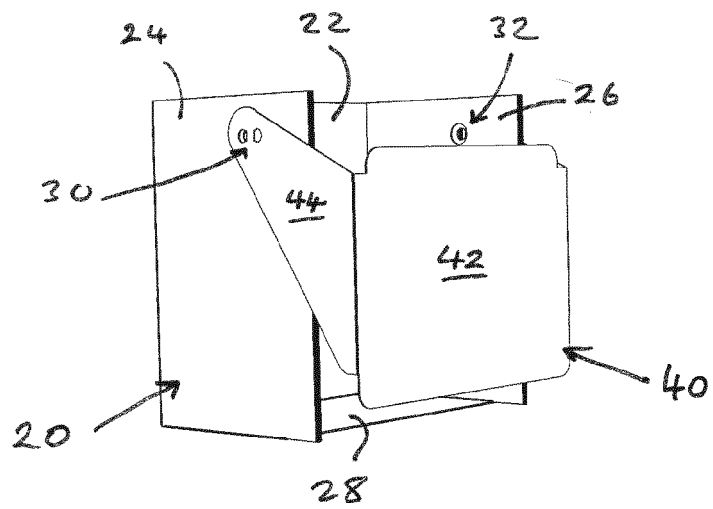


Figure 4

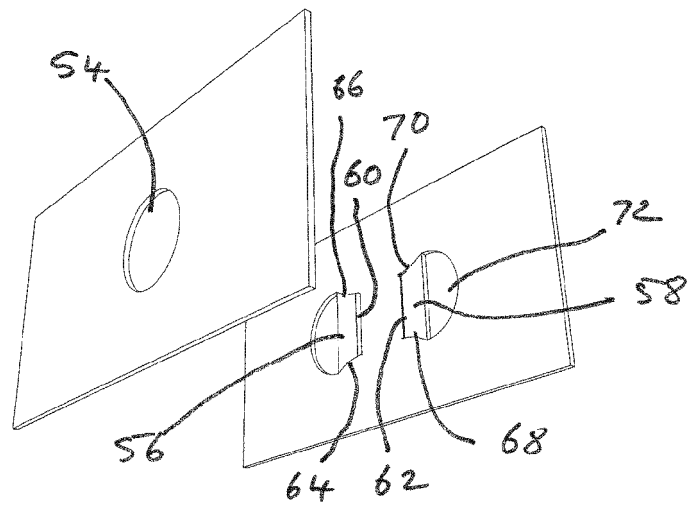


Figure 5

REFERENCES CITED IN THE DESCRIPTION

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Patent documents cited in the description

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