

DESCRIPTION

Title of Invention

CORE MATERIAL FOR COMMERCIAL SAMPLE AND COMMERCIAL SAMPLE

Technical Field

[0001] The present disclosure relates to a core material for a commercial sample and the commercial sample.

Background Art

[0002] A known packaging bag for packaging a content such as liquid is, for example, a self-standing packaging bag called a stand-up pouch (see, for example, Patent Literature 1). Such a packaging bag has self-standing properties with the content being packaged therein and thus has the advantage of improving the visibility when the packaging bag is displayed as a product. The packaging bag has a surface printed with, for example, the name, description, and/or photograph(s) of the product.

[0003] A commercial sample of such a packaging bag is generally created by pasting a printed label for the sample to a surface of an existing packaging bag.

Citation List

Patent Literature

[0004] Patent Literature 1: JP 5430779 B1

Summary of Invention

Technical Problem

[0005] As described above, the method of pasting a sheet for the sample onto a surface of an existing packaging bag may take time to paste the sheet, and the sheet thus pasted may have a fold degrading the appearance of the commercial sample.

[0006] Moreover, the commercial sample created by the method described above contains a content such as liquid packaged therein and is thus heavy and bulky for transportation, which may increase transportation cost.

[0007] It is an object of the present disclosure to configure a commercial sample of a stand-up pouch such that the commercial sample is created to have a good appearance with simple work and to configure the commercial sample of the stand-up pouch such that the commercial sample is readily transported.

[0008] A core material for a commercial sample according to an aspect of the present disclosure is a core material being to be adopted to configure a commercial sample of a stand-up pouch, the core material including a series of a first side board, a second side board, and a bottom board and configured to be transformable between a developed state and an assembled state. The developed state is a state where the core material in the assembled state is developed such that the first side board, the second side board, and the bottom board are in a flattened state. The assembled state is a state where the first side board and the second side board are kept outwardly expanded with the bottom board located between the first side board and the second side board.

[0009] A commercial sample according to an aspect of the present disclosure includes the core material and a bag in which the core material is inserted. The bag is a bag including a pair of sheets are pasted to each other.

Brief Description of Drawings

[0010] FIG. 1 is a view of a core material in a developed state, where the core material is used for a commercial sample of a first embodiment;

FIG. 2 is a view of the core material in an assembling process;

FIG. 3 is a view of the core material in an assembled state;

FIG. 4 is a view of a bag used for the commercial sample;

FIG. 5 is a perspective view of the commercial sample;

FIG. 6 is a view of a core material in a developed state, where the core material is used for a commercial sample of a second embodiment; and

FIG. 7 is a view of the core material and a bag used for the commercial sample of the second embodiment.

Description of Embodiments

[0011] (First Embodiment)

FIG. 5 shows a commercial sample 9 of a first embodiment. The commercial sample 9 is a sample of a self-standing packaging bag called a stand-up pouch. The commercial sample 9 includes a bag 85 shown in FIG. 4 and a core material 8 which is in an assembled state shown in FIG. 3 and which is inserted in the bag 85. In the following description, the up, down, left, right, and horizontal directions are defined based on the commercial sample 9 in a self-standing state.

[0012] (Core Material)

The core material 8 is transformable between a developed state shown in FIG. 1 and the assembled state shown in FIG. 3. The core material 8 in the developed state is three-dimensionally assembled by a prescribed procedure, and thereby, the core material 8 transforms from the developed state into the assembled state. Moreover, the core material 8 in the assembled state is developed by a prescribed procedure, and thereby, the core material 8 transforms from the assembled state into the developed state.

[0013] The core material 8 is made of paper (specifically, cardboard) so as to allow repeated folding work. In the first embodiment, the core material 8 is formed by processing one sheet of paper.

[0014] As shown in FIG. 1 and other drawings, the core material 8 includes a series of a first side board 1 having a rectangular outer shape, a second side board 2 having a rectangular outer shape part of which is an arc-shaped recess, and a bottom board 3 having a spindle-like outer shape.

[0015] The first side board 1 has the rectangular outer shape having a longitudinal direction in a first direction D1. The first side board 1 has a short direction in a second direction D2 orthogonal to the first direction D1. The first side board 1 is continuous with the second side board 2 on the same plane in the developed state. Between the first side board 1 and the second side board 2, a folding line 5 being linear and extending in the up/down direction is provided. In other words, of the paper constituting the first side board 1 and the second side board 2, one side of the folding line 5 is the first side board 1 and the other side of the folding line 5 is the second side board 2. The folding line 5 is a line as a mark for a valley fold.

[0016] The first side board 1 has a plurality of holes 12 in which parts 31 of the bottom board 3 are to be caught in the assembled state. The plurality of holes 12 are four holes 12 arranged at a lower part of the first side board 1. The arrangement of the four holes 12 is an upwardly convex arc-shaped arrangement. In the first embodiment, the four holes 12 each having a rectangular shape constitute portions 11 by which the parts 31 of the bottom board 3 are to be caught.

[0017] The first side board 1 has a plurality of cuts 7 to create unevenness of a side surface of the core material 8 in the assembled state. The plurality of cuts 7 are separated from each other in a portion of the first side board 1 on an upper side of a portion at with the plurality of holes 12 are arranged (i.e., on an upper side of the lower part of the first side board 1). Each cut 7 has a polygonal line shape like a trapezoid without a long base. Each cut 7 is non-linear and is non-annular. As described later, when the first side board 1 is kept outwardly expanded in the assembled state, portions of the first side board 1 which are located near the respective cuts 7 outwardly protrude beyond the other portion, thereby forming the unevenness of the side surface of the core material 8.

[0018] In the first embodiment, the arrangement of the plurality of cuts 7 is a regular arrangement in up/down and left/right directions, but this should not be construed as limiting. The arrangement of the plurality of cuts 7 may be an irregular arrangement. Moreover, in the first embodiment, the plurality of cuts 7 have the same dimension and shape, but at least one of the plurality of cuts 7 may have a dimension different from that of the remaining cuts 7, at least one of the plurality of cuts 7 may have a shape different from that of the remaining cuts 7, or at least one of the plurality of cuts 7 may have a dimension and a shape different from those of the remaining cuts 7. Variations of the shape which the cut 7 may have will be described later.

[0019] Moreover, in the first embodiment, at least one of the plurality of cuts 7 is disposed in an orientation different from that of the remaining cuts 7, and specifically, of the plurality of cuts 7 in a plurality of rows (specifically, three rows) vertically arranged, the plurality of cuts 7 arranged in at least one row (specifically, a middle row of the three rows) are oriented oppositely to the plurality of cuts 7 in the remaining rows, but all of the plurality of cuts 7 may be arranged in the same orientation. Furthermore, in the first embodiment, the plurality of cuts 7 are in three rows vertically arranged but may be in one row or two rows vertically arranged or may be in four or more rows vertically arranged.

[0020] The first side board 1 has a plurality of projection parts 61 and 62 protruding in a direction away from the folding line 5. The plurality of projection parts 61 and 62 are two projection parts 61 and 62 vertically aligned to each other.

[0021] Of the two projection parts 61 and 62, the projection part 61 located on a lower side has a hanger portion 611 having a hook-like shape and constituting a tip of the projection part 61 and a joint portion 612 constituting a base of the projection part 61. The hanger portion 611 has portions 6112 and 6114 protruding respectively downward and upward beyond a portion of the joint portion 612 continuous with the hanger portion 611. Part of the joint portion 612 is constituted by a suppression portion 614. The suppression portion 614 constitutes a lower part of the joint portion 612 and has a tilted side 6141 tilted such that a lower portion of the tilted side 6141 is located farther away from the hanger portion 611. The tilted side 6141 is a linear lower edge side of the joint portion 612. The joint portion 612 has an upper edge side which is a linear side extending in the horizontal direction.

[0022] Of the two projection parts 61 and 62, the projection part 62 located on an upper side has a hanger portion 621 having a hook-like shape and constituting a tip of the projection part 62 and a joint portion 622 constituting a base of the projection part 62. The hanger portion 621 has portions 6212 and 6214 protruding respectively downward and upward beyond a portion of the joint portion 622 continuous with the hanger portion 621. The joint portion 622 has an upper edge side and a lower edge side which are linear sides parallel to each other. The hanger portion 621 of the projection part 62 at the upper side has a smaller vertical dimension than the hanger portion 611 of the projection part 61 at the lower side.

[0023] In addition, the first side board 1 is provided with a projection part 63 protruding from an upper part of the first side board 1. The projection part 63 has a hanger portion 631 having a hook-like shape and constituting a tip of the projection part 63 and a joint portion 632 constituting a base of the projection part 63. The hanger portion 631 includes portions 6312 and 6314 protruding respectively leftward and rightward beyond a portion of the joint portion 632 continuous with the hanger portion 631. The joint portion 632 has left and right edge sides tilted sides tilted to be farther separated from each other as the distance to the first side board 1 decreases.

[0024] The second side board 2 is continuous with the first side board 1 in the second direction D2. The second side board 2 has a rectangular outer shape having a longitudinal direction in the first direction D1 and a short direction in the second direction D2.

[0025] Similarly to the first side board 1, the second side board 2 has a plurality of cuts 7 which are non-linear to create unevenness of a side surface of the core material 8 in the assembled state. The plurality of cuts 7 are arranged so as to be spaced apart from each other. When the second side board 2 is kept outwardly expanded in the assembled state, portions of the second side board 2 which are located near the respective cuts 7 outwardly protrude beyond the other portion, which forms the unevenness of the side surface of the core material 8.

[0026] Also in the second side board 2, the arrangement of the plurality of cuts 7 is a regular arrangement in up/down and left/right directions, but this should not be construed as limiting. The arrangement of the plurality of cuts 7 may be an irregular arrangement. Moreover, also in the second side board 2, the plurality of cuts 7 have the same dimensional shape, but, for example, at least one of the plurality of cuts 7 may have a different dimensional shape from the remaining cut(s) 7. Moreover, also in the case of the second side board 2, at least one of the plurality of cuts 7 is disposed in an orientation different from that of the remaining cuts 7 (specifically, of the plurality of cuts 7 in three rows vertically arranged, a plurality of cuts 7 arranged in the middle row are oriented oppositely to the plurality of cuts 7 in the remaining rows), but all of the plurality of cuts 7 may be arranged in the same orientation.

[0027] The second side board 2 has an end which is located away from the folding line 5 and which has a plurality of holes 71 and 72. The plurality of holes 71 and 72 are two holes 71 and 72 which are vertically aligned to each other. The two holes 71 and 72 are each constituted by a vertically linear cut. The hole 71 at the lower side is a hole into which the projection part 61 at the lower side of the first side board 1 is to be inserted. The hole 72 at the upper side is a hole into which the projection part 62 at the upper side of the first side board 1 is to be inserted. The hole 72 at the upper side has a smaller vertical dimension than the hole 71 at the lower side. In other words, the length of the hole 72 at the upper side in the up/down direction is shorter than the length of the hole 71 at the lower side in the up/down direction.

[0028] In addition, the second side board 2 has an upper end (specifically, a portion located upward from the portion in which the plurality of cuts 7 are formed in the second side board 2) in which a hole 73 is provided. The hole 73 is a hole into which the projection part 63 provided to the first side board 1 is to be inserted. The hole 73 is constituted by a linear cut extending in the left and right direction.

[0029] (Bottom board)

The bottom board 3 has a spindle-like outer shape having a longitudinal direction in the second direction D2. The bottom board 3 is continuous with the second side board 2 in the first direction D1. The bottom board 3, which has a spindle-like shape, has a longitudinal direction which is an axial direction of the bottom board 3. The bottom board 3 is continuous with the second side board 2 via an arc-shaped folding line 4. In other words, of the pair of side boards 1 and 2, a side board directly continuous with the bottom board 3 is the second side board 2, and the other side board which is indirectly continuous with the bottom board 3 is the first side board 1.

[0030] The folding line 4 is an arc-shaped folding line which is upwardly convex. The folding line 4 is a line having a mark for a valley hold and has a function as a guide. The folding line 4 includes a plurality of holes arranged in an arc-like shape.

[0031] A half of an outer periphery of the bottom board 3 is constituted by the arc-shaped folding line 4, and the remaining half of the bottom board 3 is a peripheral edge 35 having an arc shape. The shape of the folding line 4 and the shape of the peripheral edge 35 are axisymmetric. The peripheral edge 35, which is convex toward a side opposite from a side toward which the folding line 4 is convex, has a center part having a recess 351. The recess 351 is a semi-circular recess.

[0032] The peripheral edge 35 has a plurality of projections 32. The arrangement of the plurality of projections 32 is an arc-shaped arrangement which is convex toward the side opposite from the side toward which the folding line 4 is convex. The plurality of projections 32 are four projection 32 configured to be inserted into the four holes 12 on a one-to-one basis, the four holes 12 being arranged in the first side board 1. The four projections 32 constitute the parts 31 of the bottom board 3, and the parts 31 are to be inserted into the four holes 12.

[0033] (Bag)

As shown in FIGS. 4 and 5, the bag 85 is a bag including a pair of sheets 851 and 852 pasted to each other. The pair of sheets 851 and 852 are, for example, flexible sheets made of a resin or paper as a base.

[0034] The pair of sheets 851 and 852 have surfaces accordingly printed with, for example, characters, diagrams, photographs, and/or symbols describing the product. Peripheral edges except for lower edges of the pair of sheets 851 and 852 are pasted to each other. Thus, the bag 85 has a lower end 850 which is open and through which the core material 8 in the assembled state is insertable into the bag 85.

[0035] (Assembling of Commercial Sample)

The developed state of the core material 8 is a state where the core material 8 in the assembled state is developed such that the first side board 1, the second side board 2, and the bottom board 3, which are formed from a sheet of paper, are in a flattened state as shown in FIG.

1. Starting from the core material 8 in the developed state, the entirety of the core material 8 is folded in two along the folding line 5 such that the first side board 1 and the second side board 2 overlap each other, and then, the three projection parts 61, 62, and 63 provided to the first side board 1 are respectively inserted into the holes 71, 72, and 73 formed in the second side board 2. Thus, the projection parts 61, 62, and 63 are respectively caught in the holes 71, 72, and 73, which brings the core material 8 into a state as shown in FIG. 2 in the assembling process.

[0036] Then, along the arc-shaped folding line 4, the bottom board 3 is folded at the right angle to the second side board 2, and the four projections 32 provided to the bottom board 3 are respectively inserted into the holes 12 formed in the first side board 1. In this work, a user can manipulate the bottom board 3 with his/her finger inserted in the recess 351 formed in the bottom board 3. This work brings the core material 8 into the assembled state shown in FIG. 3.

[0037] In the core material 8 in the assembled state, the first side board 1 and the second side board 2 are kept outwardly expanded with the bottom board 3 located therebetween. The bottom board 3 is held in an upwardly convex arc shape. The first side board 1 and the second side board 2 outwardly expand at a greater curvature at their portions closer to the bottom board 3. Thus, the core material 8 in the assembled state has a shape similar to an actual stand-up pouch.

[0038] In the core material 8 in the assembled state, the bottom board 3 is located between the lower part of the first side board 1 and the lower part of the second side board, and therefore, the lower part of the second side board 2 receives relatively large force in a direction away from the first side board 1. In contrast, the projection part 61 at the lower side has the suppression portion 614, and the suppression portion 614 presses a portion of the second side board 2, the portion being most likely to be lift up from the first side board 1. This effectively suppresses the second side board 2 from being lift up.

[0039] In addition, in the core material 8 in the assembled state, portions of the first side board 1 and the second side board 2 respectively located near the plurality of cuts 7 formed in the first side board 1 and formed in the second side board 2 protrude outwardly beyond the other portions. This makes the side surfaces of the core material 8 uneven.

[0040] Inserting the core material 8 in the assembled state having the structure described above into the bag 85 provides the commercial sample 9 shown in FIG. 5. The core material 8 inserted in the commercial sample 9 imparts a shape similar to an actual stand-up pouch to the commercial sample 9. In addition, the unevenness, which is created by the plurality of cuts 7, of the side surfaces of the core material 8 forms fine unevenness on side surfaces of the commercial sample 9. An actual stand-up pouch in which a viscous liquid content or a solid content has been packaged generally has side surfaces having fine unevenness. Thus, the commercial sample 9 produced by adopting the core material 8 and the bag 85 of the first embodiment has a shape more similar to the actual stand-up pouch.

[0041] After using the commercial sample 9, a user may remove the projection parts 61, 62, and 63 respectively from the holes 71, 72, and 73 with the core material 8 being inserted in the bag 85 to return the core material 8 to a flattened state shown in FIG. 2 (a state in the course of the assembling process). Thus, the user may compactly store the commercial sample 9 with the core material 8 being inserted in the bag 85. To use the commercial sample 9 again, the user may manipulate the bottom board 3 with his/her finger with the core material 8 being inserted in the bag 85 to return the core material 8 to the assembled state with one-touch action. That is, to repeatedly use the commercial sample 9, the user can transform the commercial sample 9 from a three-dimensional state to the flattened state and vice versa with one-touch action with the core material 8 being inserted in the bag 85.

[0042] (Second Embodiment)

In FIGS. 6 and 7, a commercial sample 9 of a second embodiment is shown. In the second embodiment, components having functions similar to those in the first embodiment are denoted by the same reference signs as those in the first embodiment, and the detailed description thereof is omitted.

[0043] The commercial sample 9 of the second embodiment is a sample of a stand-up pouch with a spout. A first side board 1 has an upper corner which is located at the side away from a folding line 5 and which has a tilted side 15 tilted by about 45° with respect to the folding line 5. Similarly, a second side board 2 has an upper corner which is located at the side away from the folding line 5 and which has a tilted side 25 tilted by about 45° with respect to the folding line 5. The tilted side 15 of the first side board 1 and the tilted side 25 of the second side board 2 are configured to overlap each other in the assembled state.

[0044] A bag 85 has an upper corner provided with a protrusion portion 855 imitating a spout. The protrusion portion 855 is included in an adhesion portion of a pair of sheets 851 and 852. When a core material 8 in the assembled state is housed in the bag 85, the protrusion portion 855 of the bag 85 is located closest to the tilted side 15 of the first side board 1 and the tilted side 25 of the second side board 2.

[0045] In FIG. 7, printing on the surface of the bag 85 is omitted, but the surface of the bag 85 may accordingly be printed with, for example, characters, diagrams, photographs, and/or symbols of the product.

[0046] (Variations)

The core material 8 and the commercial sample 9 of the present disclosure have been described above based on the embodiments shown in the attached drawings, but the core material 8 and the commercial sample 9 of the present disclosure are not limited to the embodiments, but design modification may be accordingly made without departing from the intended scope of the present disclosure.

[0047] An example will be described below which has a configuration obtainable by the design modification.

[0048] The material for the core material 8 (i.e., material for the first side board 1, the second side board 2, the bottom board 3, and the projection parts 61, 62, and 63) is not limited to paper, but any material such as a resin may be used as long as it is repeatedly foldable.

[0049] The plurality of cuts 7, which are non-linear, may be provided to only the first side board 1 or only the second side board 2. Each cut 7 may have another shape such as an arc shape, a wave shape, or a polygonal line having at least one bend. The polygonal line shape as mentioned herein is, for example, a shape obtained by omitting one side from the triangular shape (in other words, a polygonal line shape having one bend), or a shape obtained by omitting one side from a rectangular shape (in other words, a polygonal line shape having two bends at the right angle).

[0050] The first side board 1 may have only one hole 12, and the bottom board 3 may have only one projection 32 which is to be inserted into the hole 12. In this case, the one hole 12 constitutes the portion 11 of the first side board 1, and the one projection 32 constitutes the part 31 of the bottom board 3.

[0051] The second side board 2 may have a projection part 61 protruding in a direction away from the folding line 5, and the first side board 1 may have a hole 71 into which the projection

part 61 is to be inserted. Similarly, the second side board 2 may have a projection part 62 protruding in a direction away from the folding line 5, and the first side board 1 may have a hole 72 in which the projection part 62 is to be inserted. Moreover, the second side board 2 may have a projection part 63, and the first side board 1 may have a hole 73.

[0052] A plurality of projection parts 61 each including the suppression portion 614 may be provided, or the projection part 61 may have no suppression portion 614. Moreover, a plurality of projection parts 63 and a plurality of holes 73 may be provided.

[0053] The folding line 4 may be constituted by a continuous line, a dashed line, a long dashed short dashed line, along dashed double-short dashed line, or a dotted line, or by a discontinuous or continuous groove.

[0054] The folding line 5 may be constituted by a line serving as a mark, and thus, may be constituted by a continuous line, a dashed line, a long dashed short dashed line, a long dashed double-short dashed line, or a dotted line. Moreover, the folding line 5 may be constituted by a linear groove or a plurality of discontinuous grooves or holes.

[0055] The shape of the bottom board 3 is not limited to the spindle shape but may be another shape such as an ellipse or a true circle.

[0056] (Aspects)

As described above based on various types of embodiments and variations, a core material (8) for a commercial sample of a first aspect of the present disclosure is a core material (8) being to be adopted to configure a commercial sample (9) of a stand-up pouch, the core material (8) including a series of a first side board (1), a second side board (2), and a bottom board (3) and configured to be transformable between a developed state and an assembled state. The developed state is a state where the core material (8) in the assembled state is developed such that the first side board (1), the second side board (2), and the bottom board (3) are in a flattened state. The assembled state is a state where the first side board (1) and the second side board (2) are kept outwardly expanded with the bottom board (3) located between the first side board (1) and the second side board (2).

[0057] According to the core material (8) for the commercial sample of the first aspect, simple work of transforming the core material (8) from the developed state to the assembled state and covering the core material (8) in the assembled state with a bag (85) produces the commercial sample (9) of the stand-up pouch with good appearance. Moreover, when the commercial sample (9) is not used, the core material (8) is returned to the flattened state. This facilitates

transportation of the commercial sample (9) of the stand-up pouch and facilitates storage of the commercial sample (9) of the stand-up pouch.

[0058] A core material (8) for a commercial sample of a second aspect of the present disclosure referring to the first aspect further has the following configuration. In the second aspect, the bottom board (3) is continuous with the second side board (2). The first side board (1) has a portion (11) in which a part (31) of the bottom board (3) is caught in the assembled state.

[0059] According to the core material (8) for the commercial sample of the second aspect, simple work of folding the bottom board (3) relative to the second side board (2) and attaching the part (31) of the bottom board (3) to the first side board (1) enables the core material (8) for forming the commercial sample (9) of the stand-up pouch to be assembled.

[0060] A core material (8) for a commercial sample of a third aspect of the present disclosure referring to the second aspect further has the following configuration. In the third aspect, the part (31) of the bottom board (3) includes at least one projection part (61). The portion (11) of the first side board (1) has at least one hole (12) into which the at least one projection part (61) is to be inserted in the assembled state.

[0061] According to the core material (8) for the commercial sample of the third aspect, simple work of folding the bottom board (3) to the second side board (2) and inserting at least one projection (32) of the bottom board (3) into the at least one hole (12) of the first side board (1) enables the core material (8) for forming the commercial sample (9) of the stand-up pouch to be assembled.

[0062] A core material (8) for a commercial sample of a fourth aspect of the present disclosure referring to the second or third aspect further has the following configuration. In the fourth aspect, the bottom board (3) and the second side board (2) are continuous with each other via an arc-shaped folding line (4).

[0063] According to the core material (8) for the commercial sample of the fourth aspect, in the core material (8) in the assembled state, the first side board (1) and the second side board (2) is stably kept in an outwardly expanded state with the bottom board (3) held in the curved state between the first side board (1) and the second side board (2).

[0064] A core material (8) for a commercial sample of a fifth aspect of the present disclosure referring to the second aspect further has the following configuration. In the fifth aspect, the bottom board (3) and the second side board (2) are continuous with each other via an arc-shaped folding line (4). The part (31) of the bottom board (3) includes a plurality of projections (32).

The portion (11) of the first side board (1) includes a plurality of holes (12) in an arc-like arrangement. In the assembled state, the plurality of projections (32) are inserted into the plurality of holes (12) on a one-to-one basis.

[0065] According to the core material (8) for the commercial sample of the fifth aspect, simple work of folding the bottom board (3) to the second side board (2) and inserting the plurality of projections (32) of the bottom board (3) into the plurality of holes (12) of the first side board (1) enables the core material (8) to be assembled. In the core material (8) in the assembled state, the first side board (1) and the second side board (2) is stably kept in an outwardly expanded state with the bottom board (3) held in the curved state between the first side board (1) and the second side board (2).

[0066] A core material (8) for a commercial sample of a sixth aspect of the present disclosure referring to any one of the first to fifth aspects further has the following configuration. In the sixth aspect, the first side board (1) and the second side board (2) are continuous with each other via a folding line (5) which is linear. One of the first side board (1) and the second side board (2) has a projection part (61) protruding in a direction away from the folding line (5), which is linear. The other of the first side board (1) and the second side board (2) has a hole (12) into which the projection part (61) is to be inserted in the assembled state.

[0067] According to the core material for the commercial sample of the sixth aspect, simple work of folding the core material (8) in the developed state in two along the folding line (5) which is linear and inserting the projection part (61) into the hole (12) enables the core material (8) to be assembled.

[0068] A core material (8) for a commercial sample of a seventh aspect of the present disclosure referring to the sixth aspect further has the following configuration. In the seventh aspect, the projection part (61) includes a hanger portion (611) constituting a tip of the projection part (61) and a suppression portion (614) constituting part of a base of the projection part (61). The suppression portion (614) has a tilted side (6141) tilted downward toward a side away from the hanger portion (611).

[0069] According to the core material (8) for the commercial sample of the seventh aspect, the hanger portion (611) suppresses the projection part (61) from falling off from the hole (12), and in addition, the suppression portion (614) stably maintains the shape of the core material (8) in the assembled state.

[0070] A core material (8) for a commercial sample of an eighth aspect of the present disclosure referring to any one of the first to seventh aspects further has the following configuration. In the eighth aspect, both or one of the first side board (1) and the second side board (2) has a plurality of cuts (7) which are non-linear.

[0071] According to the core material (8) for the commercial sample of the eighth aspect, when the core material (8) is in the assembled state, portions of both or one of the first side board (1) and the second side board (2) located near the cuts (7) protrude toward outer sides than the other portions, and this creates unevenness of the side surface(s) of the core material (8).

[0072] A core material (8) for a commercial sample of a ninth aspect of the present disclosure referring to any one of the first to eighth aspects further has the following configuration. In the ninth aspect, the first side board (1), the second side board (2), and the bottom board (3) are made of paper.

[0073] The core material (8) for the commercial sample of the ninth aspect enables the core material (8) to be repeatedly transformed between the developed state and the assembled state. In addition, the core material (8) is reduced in weight and is provided at low cost.

[0074] A commercial sample (9) of a tenth aspect of the present disclosure includes the core material (8) of any one of the first to ninth aspects, and a bag (85) in which the core material (8) is inserted. The bag (85) is a bag including a pair of sheets (851, 852) pasted to each other.

[0075] According to the commercial sample (9) of the tenth aspect, simple work of transforming the core material (8) from the developed state to the assembled state and covering the core material (8) in the assembled state with a bag (85) produces the commercial sample (9) of the stand-up pouch with good appearance. Moreover, when the commercial sample (9) is not used, the core material (8) is returned to the flattened state with the core material (8) being inserted in the bag (85). This facilitates transportation of the commercial sample (9) of the stand-up pouch and facilitates storage of the commercial sample (9) of the stand-up pouch.

Reference Signs List

[0076]	1	First Side Board
	11	Portion
	12	Hole
	2	Second Side Board

3	Bottom Board
31	Part
32	Projection
4	Folding Line
5	Folding Line
61	Projection Part
611	Hanger Portion
614	Suppression Portion
6141	Tilted Side
71	Hole
8	Core Material
85	Bag
851	Sheet
852	Sheet
9	Commercial Sample

CLAIMS

1. A core material for a commercial sample, the core material being to be adopted to configure a commercial sample of a stand-up pouch, the core material comprising a series of a first side board, a second side board, and a bottom board and configured to be transformable between a developed state and an assembled state,

the developed state being a state where the core material in the assembled state is developed such that the first side board, the second side board, and the bottom board are in a flattened state,

the assembled state being a state where the first side board and the second side board are kept outwardly expanded with the bottom board located between the first side board and the second side board,

in the assembled state, the first side board and the second side board are outwardly expanded at a greater curvature at their portions closer to the bottom board.

2. The core material of claim 1, wherein

the bottom board is continuous with the second side board, and

the first side board has a portion in which a part of the bottom board is caught in the assembled state.

3. The core material of claim 2, wherein

the part of the bottom board includes at least one projection, and

the portion of the first side board has at least one hole into which the at least one projection is to be inserted in the assembled state.

4. The core material of claim 2 or 3, wherein

the bottom board and the second side board are continuous with each other via an arc-shaped folding line.

5. The core material of claim 2, wherein
the bottom board and the second side board are continuous with each other via an arc-shaped folding line,
the part of the bottom board includes a plurality of projections,
the portion of the first side board includes a plurality of holes in an arc-like arrangement, and
in the assembled state, the plurality of projections are inserted into the plurality of holes on a one-to-one basis.
6. The core material of any one of claims 1 to 5, wherein
the first side board and the second side board are continuous with each other via a linear-shaped folding line,
one of the first side board and the second side board has a projection part protruding in a direction away from the folding line, which is linear, and
the other of the first side board and the second side board has a hole into which the projection part is to be inserted in the assembled state.
7. The core material of claim 6, wherein
the projection part includes a hanger portion constituting a tip of the projection part and a suppression portion constituting part of a base of the projection part, and
the suppression portion has a tilted side tilted downward toward a side away from the hanger portion.
8. The core material of any one of claims 1 to 7, wherein
both or one of the first side board and the second side board has a plurality of cuts which are non-linear.
9. The core material of any one of claims 1 to 8,
the first side board, the second side board, and the bottom board are made of paper.

10. A commercial sample, comprising:
the core material of any one of claims 1 to 9; and
a bag in which the core material is inserted,
the bag including a pair of sheets pasted to each other.