when the open mouth part 102 is closed as illustrated in Fig. 9. The top surface part 2a includes a main body 2a1 having an opening part 12 and a small lid piece 13. The small lid piece 13 is formed to be openable and closable. When attached to a container 101, the top surface part 2a is located above the open mouth part 102, and covers the open mouth part 102 with the main body 2a1 and the small lid piece 13. The rising part 4 is a part formed on the peripheral edge of the top surface part 2a, and is formed so as to rise upward from the peripheral edge of the top surface part 2a. The top surface part 2a and the rising part 4 may be formed separately, but are preferably formed integrally from the viewpoint of manufacturing efficiency, sealability as the lid 1, and the like. In the case of integrally forming the top surface part 2a and the rising part 4 in the top lid part 2, the top surface part 2a and the rising part 4 can be formed by arbitrarily adopting a conventionally known method. From the viewpoint of ease of forming the top lid part 2, it is preferable to form the top surface part 2a and the rising part 4 by bending. That is, the rising part 4 is preferably formed by bending at the peripheral edge of the top surface part 2a.

[0014]

The top lid part 2 and the side wall 3 are integrated by joining an outer surface 4b of the rising

part 13a located at a position away from the central part of the top lid part 2 toward the outside by a predetermined distance is a free end, and the other end part 13b located closer to the center than the one end part 13a is a fixed end. Note that in the small lid piece 13, the one end part 13a is also referred to as a tip end part located near the center of the top surface part 2a, and the other end part 13b is also referred to as a base end part located on the edge part side of the top surface part 2a. In addition, the one end part 13a which is the free end is also referred to as a tip end, and a position closer to the one end part 13a, which is the tip end, than the other end part 13b between the tip end and the other end part 13b (hinge part 14) is referred to as a "position closer to the tip end" or "close to the tip end".

[0037]

The hinge part 14 is formed in the other end part 13b, and the small lid piece 13 is formed to be openable and closable via the hinge part 14. That is, the opening forming part 11 is configured to rotate about the hinge part 14 in the other end part 13b of the small lid piece 13 serving as a fulcrum, and perform a movement of opening or closing the one end part 13a with respect to the top lid part 2. Further, in the opening forming part 11, the opening part 12 is formed when the small lid piece 13 is

21, and the joining at the dotted joint part 17 is released.

[0040]

Further, in addition to being formed by the cut line 16 and the dotted joint part 17 as described above, the opening forming part 11 may be formed as a half-cut part in which a cuttable line is formed entirely along the shape of the small lid piece 13 (in other words, along entire shape of opening part 12). In the case of being formed as the half-cut part, there is no cut line 16 or the dotted joint part 17 as described above, and a cut is formed along the entire shape of the small lid piece 13 (or opening part 12). The depth of the cut in the half-cut part is smaller than the overall thickness of the top lid part 2 and is formed so as not to penetrate the front surface 2b and the back surface 2c of the top lid part 2 like the cut line 16. When the cut lines 16, the dotted joint part 17, and the half-cut part are used, other than the case of forming the half-cut part in place of the cut lines 16 and the dotted joint part 17 in the lid 1, the cut lines 16 and the dotted joint part 17 may be used as well as the half-cut part.

[0041]

As illustrated in Fig. 1 and the like, in the small lid piece 13, stress relieving parts 18 for relieving stress generated with respect to a force applied when the

Note that the mode of the pattern 24b described above is merely an example, and patterns other than those described above may be arbitrarily adopted and appropriately used, and the pattern 24b does not necessarily have to be formed on the knob part 24. Furthermore, in the above description, the pattern imitating a facial expression of a person has been described as an example of the pattern 24b, but the pattern 24b to be used is not limited to a pattern imitating a facial expression of a person, and for example, a logo mark, a product name, or the like of a store or a brand may be used as the pattern 24b, or the knob part 24 may simply be colored in a predetermined color.

[0051]

In addition, the knob part 24 is preferably formed to rise when the holding piece 23 is inserted into the insertion part 26. By forming the knob part 24 in this manner, not only a visual effect of the pattern 24b described above can be obtained, but also when the holding piece 23 is inserted into the insertion part 26, it is possible to greatly reduce the complexity of the inserting movement and to facilitate the insertion. Further, when the inserted holding piece 23 is pulled out from the insertion part 26, the user can easily pinch the tab member 21, and operability can be improved.

[0052]

the small lid piece 13 in the closed lid state, the small lid piece 13 and the peripheral part 72 may be formed as illustrated in Fig. 36. In Fig. 36, the outer peripheral edge 73 of the small lid piece 13 has a shape in which a wavy structure is partially formed, and a peripheral edge (part forming facing surface 77 in peripheral part 72) of the opening part 12 has a shape matching the shape of the outer peripheral edge 73 of the small lid piece 13. In a case where the small lid piece 13 and the peripheral part 72 are formed in such a shape, at least a part of the contact part 78 has a wavy structure, that is, the area of the contact part 78 is increased, and a state in which the opening part 12 is firmly covered by the small lid piece 13 is easily maintained.

[0092]

(Tab member)

As illustrated in Figs. 28, 29, 30, and the like, the tab member 21 may be configured similarly to the tab member provided in the lid 1 according to the first embodiment. The tab member 21 is joined at one end 21a of the tab member 21 to a part (position close to one end part 13a) close to the tip end of the small lid piece 13.

[0093]

In the example of Figs. 30(a) and 30(b), the tab member 21 includes a holding piece 23 formed between the

container 101. Note that Fig. 43 is a cross-sectional view illustrating an example in which the lid 1 is disposed on the container 101.

[0105]

Forming such a protruding part 82 facilitates alignment of the lid 1 with respect to the container 101 when the lid 1 is disposed so as to cover the open mouth part 102 of the container 101.

[0106]

(Modification 2)

In the lid 1 according to the second embodiment, as illustrated in Fig. 31, a knob 83 (tab) and a label 84 may be formed outward from an outer peripheral edge 73 of a lid 1 (Modification 2). The knob 83 is preferably formed at a position far from the opening start end (one end part 13a) of a small lid piece 13. The shape and size of the knob 83 are preferably formed in such a shape and size that the user can pinch with the fingertips of his/her hand. Since the knob 83 is formed in this manner, it is possible to reduce the possibility that the hand touches an opening part 12 when gripping the lid 1, and it is possible to curb contamination of the opening part 12 due to the hand touching the opening part 12. Note that in the example of Fig. 31, the knob 83 is formed in a peripheral part 72 in plan view of the lid 1, and is formed in a part including a

insertion part 90 in a state where the small lid piece 13 is lifted up. Further, the tab member 21 may be locked by hooking the holding piece 23 at the position of the outer peripheral edge 73 of the lid 1. In this case, the insertion part 26 may be omitted from the lid 1.

[0110]

As illustrated in Fig. 45(b), in the case where the insertion part 90 is formed in the knob 83, particularly when the contour of the small lid piece 13 is formed by a half-cut line, there is no place where the front surface and the back surface of the top surface part 2a communicate with each other in the region surrounded by a joining region R. Therefore, after the lid 1 is sealed to the container 101 and before the user opens the small lid piece 13, the inside of the container 101 can be brought into a completely sealed state, and it is possible to prevent foreign matter from being mixed from the outside or content from leaking to the outside of the container 101 when the user carries the container 101 and shakes the container 101. In addition, in a case where the insertion part 90 is formed in the knob 83 in this manner, the size of the small lid piece 13 and therefore the size of the opening part 12 can be increased. In this way, when the opening part 12 and the small lid piece 13 can be enlarged, it is possible to make it easy for the user to drink the content, and it

made in a member constituting the lid 1, but the structure of the slit 88 is not limited thereto.

[0120]

(Modification 6)

In an example of Fig. 44, the recessed part 85 entirely recesses the region inside the joining region R. However, in the lid 1 according to the second embodiment, as illustrated in Figs. 46(a) and 46(b), a partially recessed part 89 in which a region inside a joining region R is partially recessed may be formed (Modification 6). Fig. 46(a) is a plan view for explaining an example of a lid 1 according to Modification 6 of the second embodiment. Fig. 46(b) is a cross-sectional view schematically illustrating a state of a longitudinal cross section taken along line G-G in Fig. 46(a). The partially recessed part 89 is formed outside an opening part 12 and in an inner region Rn. In this example, the partially recessed part 89 has a shape recessed so as to form an inclined surface inclined downward toward the opening part 12. Further, in this example, on a side opposite to the exposed surface of the lid 1, a partially raised part 91 is formed in a shape corresponding to the part where the partially recessed part 89 is formed. Since the partially raised part 91 is formed, positioning when the lid 1 is disposed in an open mouth part 102 of a container 101 becomes easy.

As illustrated in Fig. 46, in a case where the partially recessed part 89 is formed outside the opening part 12 so as to avoid the position of the opening part 12, when a pressing step or the like for forming the partially recessed part 89 is performed, a pressing force is less likely to be applied to a part 160 near the opening part 12, so that there is no possibility that a dotted joint part 17 at the peripheral edge of an opening forming part 11 is cut to open the opening part 12.

[0121]

(Modification 7)

As illustrated in Fig. 51, in a lid 1, a window part 201 may be formed inside a joining region R. By forming the window part 201, when the lid 1 is joined and sealed to a container 101, the content of the container 101 can be visually recognized, and what the content is can be easily checked to give a sense of security. Note that examples of a film material used for the window part 201 include those using a synthetic resin, a biodegradable resin, or the like as a raw material. Examples of the synthetic/natural resin include olefin-based resins such as polyethylene (PE) and polypropylene (PP), styrene-based resins such as polystyrene (PS), acryl-based resins such as polyacrylate and polymethacrylate, vinyl-based resins such as polyvinyl chloride (PVC) and polyvinyl acetate, polyamide-based

the open mouth part when the lid is closed,

the top surface part includes a small lid piece and an opening part formed when the small lid piece is lifted;

a joint part joined to one end part of a tab member is formed in the small lid piece;

the joint part is formed in a part of the small lid piece;

the tab member includes a knob part formed at the other end part and a holding piece formed between the joint part and the knob part;

an insertion part into which the holding piece is to be inserted is formed in the top surface part; and

the holding piece is formed so as to protrude from the tab member when being inserted into the insertion part, and is formed so as to be inserted into the insertion part to keep the small lid piece open.

(2) The lid according to (1) above, in which:

the top surface part has an edge part;

the small lid piece has a base end part located near a center of the top surface part and a tip end part located on the side of the edge part; and

the joint part is formed near the tip end part.

(3) The lid according to (1) or (2) above, in which a non-joint part is formed between the small lid piece and the tab member.

the lid comprises a small lid piece, a tab member joined to the small lid piece, and an opening part formed when the small lid piece is lifted,

the small lid piece is provided inside the joining region;

one end part of the tab member and the small lid piece are joined to each other; and

when a joining part between the one end part and a part close to a tip end is defined as a joint part,

a knob part is formed at the other end of the tab member.

(A3) The lid according to (A1) above, in which:

the tab member has a holding piece formed between the joint part and the knob part, and is formed such that the holding piece protrudes from the tab member when the knob part is pinched to open the small lid piece;

an insertion part into which the protruding holding piece is to be inserted is formed in the top surface part; and

the holding piece is configured for being inserted into the insertion part to keep the small lid piece open.

(A4) The lid according to (A2) above, in which:

the tab member has a holding piece formed between the joint part and the knob part, and is formed such that the holding piece protrudes from the tab member when the

CLAIMS

1. A lid formed for opening and closing an open mouth part of a container, wherein:

the lid comprises a top surface part formed to cover the open mouth part in a state of being attached to the container to close the container;

the top surface part includes a small lid piece and an opening part formed when the small lid piece is lifted;

a tab member is joined to the small lid piece;

a joint part joined to one end part of the tab member is formed in the small lid piece;

a knob part is formed at the other end part of the tab member;

the tab member has a holding piece formed between the joint part and the knob part, and is formed such that the holding piece protrudes from the tab member when the knob part is pinched to open the small lid piece;

an insertion part into which the protruding holding piece is to be inserted is formed in the top surface part; and

the holding piece is configured for being inserted into the insertion part to keep the small lid piece open.

2. A lid having a joining region for being joined to a

peripheral edge of an open mouth part of a container, wherein:

the lid has a shape that covers the open mouth part at the time of being joined to the container;

the lid comprises a small lid piece, a tab member joined to the small lid piece, and an opening part formed when the small lid piece is lifted;

the small lid piece is provided inside the joining region;

one end part of the tab member and the small lid piece are joined to each other;

when a joining part between the one end part and a part close to the tip end is defined as a joint part,

a knob part is formed at the other end of the tab member;

the tab member has a holding piece formed between the joint part and the knob part, and is formed such that the holding piece protrudes from the tab member when the knob part is pinched to open the small lid piece;

an insertion part into which the protruding holding piece is to be inserted is formed; and

the holding piece is configured for being inserted into the insertion part to keep the small lid piece open.

3. The lid according to any one of claims 1 and 2,

wherein the knob part is formed so as to rise when the holding piece is inserted into the insertion part.

4. The lid according to any one of claims 1 and 2, wherein the holding piece is formed so as to protrude from the knob part side toward the joint part side.

5. The lid according to any one of claims 1 and 2, wherein the insertion part includes a main part into which the holding piece is to be inserted and an auxiliary part intersecting with the main part.

6. The lid according to any one of claims 1 and 2, wherein the tab member is provided with a pattern imitating an expression of a person on the knob part.

7. The lid according to claim 6, wherein the pattern changes three-dimensionally before and after the holding piece is protruded.

8. The lid according to claim 2 further comprising, in a state of being joined to the container, an exposed surface, wherein

at least a part of an outer peripheral edge of the small lid piece extends along an inner edge of the joining

region, and is formed outside an intersection position between the exposed surface in a state of being joined to the container and an extended surface of an inner peripheral surface of the container.

9. The lid according to any one of claims 1 and 2 further comprising, in a closed lid state in which the small lid piece is closed, a facing surface facing an outer peripheral end surface of the small lid piece, wherein

at least a part of the outer peripheral end surface and the facing surface rub against each other when the small lid piece is opened from the closed lid state.

10. The lid according to any one of claims 1 and 2, wherein a window part is formed in the top surface part.

11. The lid according to any one of claims 1 and 2, wherein the top surface part has a raised part in which at least a part of the top surface part is raised.

12. The lid according to any one of claims 1 and 2, wherein the lid is formed of a paper-based material.

13. A combination of a container and a lid, comprising a container having an open mouth part and

the lid according to any one of claims 1 and 2.

14. A container with a lid, comprising a container having an open mouth part and the lid according to any one of claims 1 and 2, wherein

the open mouth part of the container is covered with the lid.