Claims

1. An artificial nipple, which is a molded product made of an elastic material such as a soft resin and configured overall as a substantially conical hollow body, the artificial nipple comprising:

a base section that widens to match an attachment object;

an areola section that is formed contiguously to the base section and that extends while narrowing gradually; and

a nipple section that extends from the areola section and that narrows more than the areola section,

the artificial nipple further comprising:

a flange section provided in the base section and having a predetermined thickness; and

a check valve formed with a valve body so as to be entirely accommodated within a thickness dimension of the flange section.

2. The artificial nipple according to claim 1, wherein the check valve is configured such that tips of two valve bodies thrust against each other to provide a triangular cross section, thereby forming a slit that opens and closes, and a base end section of each valve body is formed integrally with the flange section.

3. The artificial nipple according to claim 2, wherein through-holes having a diameter that is larger than a crevice dimension of the slit are formed at both end sections of the slit.

4. The artificial nipple according to claim 2 or 3, wherein a site at which the base end section of each valve body and the flange section are integrated together is substantially arc-shaped.

5. The artificial nipple according to any one of claims 1 to 4, wherein the check valve is configured so as to open and close a slit that is a straight-line opening formed at tips of two valve bodies each formed of a movable piece, and a direction in which the slit extends is a direction that runs perpendicular to a circumferential direction of the flange section, namely, that runs along a radial direction.

6. The artificial nipple according to any one of claims 1 to 5, comprising: a bulge section that is integrally formed below the areola section, and that bulges outward in a radial direction; and the flange section which opposes an overhang-like lower face of the bulge section, across a constricted section, wherein an inward-facing flange section of a hard cap that is fitted to a bottle for containing a beverage enters into the constricted section such that the cap becomes attached, and a depth of at least part of the constricted section is set to be further back than an inner end of the inward-facing flange section, as a result of which a gap is formed between the part of the constricted section and the cap, and wherein the check valve is provided at a position at which the check valve communicates with the gap.

7. A nursing container comprising an artificial nipple and a bottle to which the artificial nipple is attached,

wherein the artificial nipple is a molded product made of an elastic material such as a soft resin and configured overall as a substantially conical hollow body, and comprises:

a base section that widens to match an attachment object;

an areola section that is formed contiguously to the base section and that extends while narrowing gradually; and

a nipple section that extends from the areola section and that narrows more than the areola section, and

the artificial nipple further comprises:

a flange section provided in the base section and having a predetermined thickness; and

a check valve formed with a valve body so as to be entirely accommodated within a thickness dimension of the flange section.

Claims

1. An artificial nipple, which is a molded product made of an elastic material and configured as a substantially conical hollow body, the artificial nipple comprising:

a base section that widens to match an attachment object;

an areola section formed contiguously to the base section and that extends while narrowing gradually;

a nipple section that extends from the areola section and that narrows more than the areola section;

a flange section provided in the base section and having a predetermined thickness; and

a check valve formed with a valve body so as to be entirely accommodated within a thickness dimension of the flange section, wherein the areola section includes a bulge section having an opening therein, the opening being in fluid communication with the check valve such that air can pass through the check valve via the opening.

2. An artificial nipple, which is a molded product made of an elastic material and configured as a substantially conical hollow body, the artificial nipple comprising:

a base section that widens to match an attachment object;

an areola section formed contiguously to the base section and that extends while narrowing gradually;

a nipple section that extends from the areola section and that narrows more than the areola section;

a flange section provided in the base section and having a predetermined thickness; and

a check valve formed with a valve body so as to be entirely accommodated within a thickness dimension of the flange section,

wherein the check valve is configured such that tips of two valve bodies thrust against each other to provide a triangular cross section, thereby forming a slit that opens and closes, and a base end section of each valve body is formed integrally with the flange section.

3. The artificial nipple according to claim 2, wherein through-holes having a diameter that is larger than a crevice dimension of the slit are formed at both end sections of the slit.

4. The artificial nipple according to claim 2, wherein a site at which the base end section of each valve body and the flange section are integrated together is substantially arc-shaped.

5. The artificial nipple according to claim 1, wherein the check valve is configured so as to open and close a slit that is a straight-line opening formed at tips of two valve bodies each formed of a movable piece, and a direction in which the slit extends is a direction that runs perpendicular to a circumferential direction of the flange section.

6. The artificial nipple according to claim 1, wherein the bulge section is integrally formed below the areola section, and bulges outward in a radial direction and a lower surface of the bulge section overhangs the flange section, wherein an inward-facing flange section of a hard cap that is fitted to a bottle for containing a beverage enters into the constricted section such that the cap becomes attached, and a depth of at least part of the constricted section is set to be further back than an inner end of the inward-facing flange section, as a result of which a gap is formed between the part of the constricted section and the cap, and wherein the check valve is provided at a position at which the check valve communicates with the gap.

7. A nursing container comprising an artificial nipple and a bottle to which the artificial nipple is attached,

wherein the artificial nipple is a molded product made of an elastic material and configured as a substantially conical hollow body, and comprises:

a base section that widens to match an attachment object;

an areola section that is formed contiguously to the base section and that extends while narrowing gradually;

a nipple section that extends from the areola section and that narrows more than the areola section;

a flange section provided in the base section and having a predetermined thickness; and

a check valve formed with a valve body so as to be entirely accommodated within a thickness dimension of the flange section, wherein the areola section includes a bulge section extending over the check valve and having an opening therein located directly above the check valve.

8. The artificial nipple according to claim 3, wherein a site at which the base end section of each valve body and the flange section are integrated together is substantially arc-shaped.

9. The artificial nipple according to claim 2, wherein the check valve is configured so as to open and close a slit that is a straight-line opening formed at tips of two valve bodies each formed of a movable piece, and a direction in which the slit extends is a direction that runs perpendicular to a circumferential direction of the flange section.

10. The artificial nipple according to claim 3, wherein the check valve is configured so as to open and close a slit that is a straight-line opening formed at tips of two valve bodies each formed of a movable piece, and a direction in which the slit extends is a direction that runs perpendicular to a circumferential direction of the flange section.

11. The artificial nipple according to claim 4, wherein the check valve is configured so as to open and close a slit that is a straight-line opening formed at tips of two valve bodies each formed of a movable piece, and a direction in which the slit extends is a direction that runs perpendicular to a circumferential direction of the flange section.

12. The artificial nipple according to claim 2, wherein the bulge section is integrally formed below the areola section, and bulges outward in a radial direction and a lower surface of the bulge section overhangs the flange section, across a constricted section, wherein an inward-facing flange section of a hard cap that is fitted to a bottle for containing a beverage enters into the constricted section such that the cap becomes attached, and a depth of at least part of the constricted section is set to be further back than an inner end of the inward-facing flange section, as a result of which a gap is formed between the part of the constricted section and the cap, and wherein the check valve is provided at a position at which the check valve communicates with the gap.

13. The artificial nipple according to claim 3, wherein the bulge section is integrally formed below the areola section, and bulges outward in a radial direction and a lower surface of the bulge section overhangs the flange section, across a constricted section, wherein an inward-facing flange section of a hard cap that is fitted to a bottle for containing a beverage enters into the constricted section such that the cap becomes attached, and a depth of at least part of the constricted section is set to be further back than an inner end of the inward-facing flange section, as a result of which a gap is formed

between the part of the constricted section and the cap, and wherein the check valve is provided at a position at which the check valve communicates with the gap.

14. The artificial nipple according to claim 4, wherein the bulge section is integrally formed below the areola section, and bulges outward in a radial direction and a lower surface of the bulge section overhangs the flange section, across a constricted section, wherein an inward-facing flange section of a hard cap that is fitted to a bottle for containing a beverage enters into the constricted section such that the cap becomes attached, and a depth of at least part of the constricted section is set to be further back than an inner end of the inward-facing flange section, as a result of which a gap is formed between the part of the constricted section and the cap, and wherein the check valve is provided at a position at which the check valve communicates with the gap.

15. The artificial nipple according to claim 5, wherein the bulge section is integrally formed below the areola section, and bulges outward in a radial direction and a lower surface of the bulge section overhangs the flange section, across a constricted section, wherein an inward-facing flange section of a hard cap that is fitted to a bottle for containing a beverage enters into the constricted section such that the cap becomes attached, and a depth of at least part of the constricted section is set to be further back than an inner end of the inward-facing flange section, as a result of which a gap is formed between the part of the constricted section and the cap, and wherein the check valve is provided at a position at which the check valve communicates with the gap.

16. The artificial nipple according to claim 7, wherein the artificial nipple is made of a soft resin.

17. The artificial nipple according to claim 1, wherein the artificial nipple is made of a soft resin.

18. A nursing container comprising an artificial nipple and a bottle to which the artificial nipple is attached,

wherein the artificial nipple is a molded product made of an elastic material and configured as a substantially conical hollow body, and comprises:

a base section that widens to match an attachment object;

an areola section formed contiguously to the base section and that extends while narrowing gradually;

a nipple section that extends from the areola section and that narrows more than the areola section;

a flange section provided in the base section and having a predetermined thickness; and

a check valve formed with a valve body so as to be entirely accommodated within a thickness dimension of the flange section,

wherein the check valve is configured such that tips of two valve bodies thrust against each other to provide a triangular cross section, thereby forming a slit that opens and closes, and a base end section of each valve body is formed integrally with the flange section.