

Claims

- [1] An edible film cartridge, which is mounted in an edible film dispenser dispensing pieces of an edible film one by one, the edible film cartridge comprising: an edible film tape, which is wound in a roll form, and which includes a cylindrical main bobbin, around which an edible film tape, which has an edible tape and a release paper tape having a predetermined length adhered in a double tape form, is wound, and a cylindrical take-up bobbin, around which the release paper tape separated from the edible film tape is wound in a roll form; a cartridge body, which includes a main shaft to which the cylindrical main bobbin, around which the edible film tape wound in the roll form is wound, is rotatably coupled, a draw shaft to which a draw roller, which discharges a piece of edible tape separated from the edible film tape, is rotatably coupled, a take-up shaft to which the cylindrical take-up bobbin, around which the release paper tape separated from the edible film tape is wound, is rotatably coupled, and an edge perpendicular wall, which is formed along an edge thereof at a predetermined height such that the edible film tape wound in the roll form is rotatably received, and which has a draw slit through which the edible film tape drawn out by the draw roller is discharged, wherein the main shaft, the draw shaft, and the take-up shaft are spaced apart from each other when installed; and a plate-like cartridge cover, which has a size and profile equal to those of the cartridge body so as to be closely coupled with a top surface of the edge perpendicular wall of the cartridge body.
- [2] The edible film cartridge according to claim 1, wherein: the cartridge body includes any one of a tension roller and a tension piece, which is installed adjacent to the draw roller and which presses the edible tape, located on an outer circumference of the draw roller, to bring it into close contact with the edible tape; and each of the draw shaft and the take-up shaft has a through-hole in a center thereof for insertion of a rotary shaft of the edible film dispenser.
- [3] The edible film cartridge according to claim 1, wherein the take-up bobbin includes an elastic key, which is elastically coupled with an outer circumference of the take-up shaft of the edible film dispenser, and which causes the take-up shaft to run idle when a load exceeding a predetermined value is applied.
- [4] An edible film cartridge which is mounted in an edible film dispenser dispensing pieces of edible film one by one, the edible film cartridge comprising: an edible film tape, which includes a cylindrical main bobbin, around which an edible film tape, in which edible tapes pre-cut to a constant length are adhered on one surface of a release paper tape in series, is wound, and a cylindrical take-up

bobbin, around which the release paper tape separated from the edible film tape is wound in a roll form;

a cartridge body, which includes a main shaft to which the cylindrical main bobbin, around which the edible film tape is wound, is rotatably coupled, a separating pin, which has an edge for separation of the edible tapes, pre-cut at the constant length, from the release paper tape of the edible film tape, a take-up shaft, to which the cylindrical take-up bobbin, around which the release paper tape separated from the edible film tape is wound, is rotatably coupled, and an edge perpendicular wall, which is formed along an edge thereof at a pre-determined height such that the edible film tape wound in the roll form is rotatably received, and which has a draw slit through which the edible tape separated by the separating pin is discharged, wherein the main shaft, the separating pin, and the take-up shaft are spaced apart from each other when installed; and

a plate-like cartridge cover, which has a size and profile equal to those of the cartridge body so as to be closely coupled with a top surface of the edge perpendicular wall of the cartridge body.

- [5] The edible film cartridge according to claim 4, wherein the separating pin includes a cylindrical fixing pin installed in a direction perpendicular to a plane of the cartridge body, and has a horizontal cutting face defining the edge in a lengthwise direction so as to separate the edible tapes.
- [6] The edible film cartridge according to claim 1 or 4, wherein the edge perpendicular wall of the cartridge body includes any one of a step and a flange, which is closely coupled with the cartridge cover, on a top surface thereof.
- [7] The edible film cartridge according to claim 6, wherein the step or the flange further includes a sealing member.
- [8] The edible film cartridge according to claim 1 or 4, wherein the draw slit further includes a sealing guide member for guiding the drawn edible tape and preventing external moisture from being introduced.
- [9] The edible film cartridge according to claim 1 or 4, wherein the through-hole, formed in the center of the draw shaft or the take-up shaft of the cartridge body, and the draw slit, formed in the edge perpendicular wall, have sealing tapes for preventing external moisture from being introduced.