Claims

[Claim 1] A paper container, comprising:

a body front panel, a body right side panel, a body left side panel, and a body back panel, which are contiguous through body vertical folding lines;

a vertical direction sealing panel configured to form a rectangular tubular body;

a pair of top panels contiguous with an upper end of the body front panel and an upper end of the body back panel so as to be opposed to the body front panel and the body back panel through first top portion horizontal folding lines, respectively;

a pair of side panels contiguous with an upper end of the body right side panel and an upper end of the body left side panel so as to be opposed to the body right side panel and the body left side panel through second top portion horizontal folding lines, respectively, the pair of top panels and the pair of side panels being contiguous with each other through front-side top panel vertical folding lines and back-side top panel vertical folding lines;

a pair of first top sealing panels contiguous with upper ends of the pair of top panels so as to be opposed to the pair of top panels through top sealing horizontal folding lines, respectively; and

second top sealing panels contiguous with upper ends of

the pair of side panels so as to be opposed to the pair of side panels through top sealing horizontal folding lines, respectively,

the first top sealing panels and the second top sealing panels being contiguous with each other through front-side top sealing vertical folding lines and back-side top sealing vertical folding lines,

the second top sealing panels each having a side top sealing vertical folding line extending from an upper end of the second top sealing panel to the top sealing horizontal folding line,

the pair of side panels each having a first side panel folding line extending from an intersection of the body vertical folding line and a front-side end portion of the second top portion horizontal folding line to an intersection of the top sealing horizontal folding line and the side top sealing vertical folding line, and a second side panel folding line extending from an intersection of the body vertical folding line and a back-side end portion of the second top portion horizontal folding line to the intersection of the top sealing horizontal folding line and the side top sealing vertical folding line,

the second top sealing panels being folded along the side top sealing vertical folding lines so as to tightly close a top portion by bonding together opposing surfaces of the pair of first top sealing panels and opposing surfaces of the pair of

second top sealing panels,

each of the side panels being folded along the first side panel folding line and the second side panel folding line to form a flap having a substantially triangular shape,

the top portion being formed by folding down the flaps onto right and left side surfaces of the tubular body through mountain-folding along the top panel vertical folding lines and the front side top sealing vertical folding lines, and through valley-folding along the second top portion horizontal folding lines and the back-side top sealing vertical folding lines,

wherein a width of a front-side top sealing panel of the first top sealing panels in a right-and-left direction of the paper container is larger than a width of the tubular body in the right-and-left direction.

[Claim 2] The paper container according to claim 1, wherein the width of the front-side top sealing panel in the right-and-left direction is larger than a width of a back-side top sealing panel of the first top sealing panels in the right-and-left direction.

[Claim 3] The paper container according to claim 1 or 2, wherein the front side top panel vertical folding lines extend obliquely so as to gradually increase an interval between the front-side top panel vertical folding lines from the body front

panel side toward the first top sealing panel, and join with the front-side top sealing vertical folding lines, respectively.

[Claim 4] The paper container according to any one of claims 1 to 3, wherein a width of the back-side top sealing panel in the right-and-left direction is smaller than a width of the body back panel in the right-and-left direction.

[Claim 5] The paper container according to claim 4, wherein the back-side top panel vertical folding lines extend obliquely so as to gradually decrease an interval between the back-side top panel vertical folding lines from the body back panel side toward the first top sealing panel, and join with the back-side top sealing vertical folding lines, respectively.

[Claim 6] The paper container according to any one of claims 1 to 3, wherein a width of the back-side top sealing panel in the right-and-left direction is larger than a width of the tubular body in the right-and-left direction.

[Claim 7] The paper container according to claim 6, wherein the back-side top panel vertical folding lines extend obliquely so as to gradually increase an interval between the back-side top panel vertical folding lines from the body back panel side toward the first top sealing panel, and join with the back-side

~~top sealing vertical folding lines, respectively.~~

Claims

[Claim 1] A paper container, comprising:

a body front panel, a body right side panel, a body left side panel, and a body back panel, which are contiguous through body vertical folding lines;

a vertical direction sealing panel configured to form a rectangular tubular body;

a pair of top panels contiguous with an upper end of the body front panel and an upper end of the body back panel so as to be opposed to the body front panel and the body back panel through first top portion horizontal folding lines, respectively;

a pair of side panels contiguous with an upper end of the body right side panel and an upper end of the body left side panel so as to be opposed to the body right side panel and the body left side panel through second top portion horizontal folding lines, respectively, the pair of top panels and the pair of side panels being contiguous with each other through front-side top panel vertical folding lines and back-side top panel vertical folding lines;

a pair of first top sealing panels contiguous with upper ends of the pair of top panels so as to be opposed to the pair of top panels through top sealing horizontal folding lines located at upper ends of the pair of top panels, respectively; and

second top sealing panels contiguous with upper ends of the pair of side panels so as to be opposed to the pair of side panels through top sealing horizontal folding lines located at upper ends of the pair of side panels, respectively,

the first top sealing panels and the second top sealing panels being contiguous with each other through front-side top sealing vertical folding lines and back-side top sealing vertical folding lines,

the second top sealing panels each having a side top sealing vertical folding line extending from an upper end of the second top sealing panel to the top sealing horizontal folding line,

the pair of side panels each having a first side panel folding line extending from an intersection of the body vertical folding line and a front-side end portion of the second top portion horizontal folding line to an intersection of the top sealing horizontal folding line located at upper ends of the pair of side panel and the side top sealing vertical folding line, and a second side panel folding line extending from an intersection of the body vertical folding line and a back-side end portion of the second top portion horizontal folding line to the intersection of the top sealing horizontal folding line located at upper ends of the pair of side panel and the side top sealing vertical folding line,

the second top sealing panels being folded along the side

top sealing vertical folding lines so as to tightly close a top portion by bonding together opposing surfaces of the pair of first top sealing panels and opposing surfaces of the pair of second top sealing panels,

each of the side panels being folded along the first side panel folding line and the second side panel folding line to form a flap having a substantially triangular shape,

the top portion being formed by folding down the flaps onto right and left side surfaces of the tubular body through mountain-folding along the front-side top panel vertical folding line, the back-side top panel vertical folding line and the front-side top sealing vertical folding lines, and through valley-folding along the second top portion horizontal folding lines and the back-side top sealing vertical folding lines,

wherein a width of a front-side top sealing panel of the first top sealing panels in a right-and-left direction of the paper container is larger than a width of the back-side top sealing panel of a first top sealing panels in the right-and-left direction, and

wherein a width of the back-side top sealing panel of the first top sealing panels in a right-and-left direction of the paper container is larger than a width of the body front panel in a right-and-left direction and a width of the body back panel in a right-and-left direction.

[Claim 2] The paper container according to claim 1, wherein the back-side top panel vertical folding lines extend obliquely so as to gradually decrease an interval between the back-side top panel vertical folding lines from the body back panel side toward the first top sealing panel, and join with the back-side top sealing vertical folding lines, respectively, and

wherein the back-side top panel vertical folding lines extend obliquely so as to gradually increase an interval between the back-side top panel vertical folding lines from the body back panel side toward the first top sealing panel, and join with the back-side top sealing vertical folding lines, respectively.