Claims

[Claim 1] A paper container with a stopper, comprising:

a container main body including:

a body having a square tubular shape and including a front panel, a right side panel, a back panel, and a left side panel;

a bottom configured to seal a lower opening of the body; and

a flat top configured to seal an upper opening of the body; and

a stopper provided on the flat top,

wherein the stopper is provided at a position adjacent to a first top corner portion among four top corner portions of the flat top, the first top corner portion being formed by a top side of the front panel and a top side of any one of the left side panel and the right side panel,

wherein the body includes a first recessed portion in a first body corner portion among four body corner portions formed by the front panel, the right side panel, the back panel, and the left side panel, the first body corner portion being formed between the front panel and any one of the left side panel and the right side panel forming the first top corner portion at which the stopper is provided, the first recessed portion being surrounded by two recessed-portion forming folding line portions extending from a starting point, which is located at the first top corner portion or at a position slightly away from the first top corner portion,

branching from the starting point to the front panel and any one of the left side panel and the right side panel so as to extend toward the bottom direction, and joining together at an end point, which is located at a position within a range in which the two recessed-portion forming folding line portions extend until after reaching a first bottom corner portion formed by a bottom side of the front panel and a bottom side of any one of the left side panel and the right side panel, such that when the first body corner portion is seen from an inner surface side of the container, the first recessed portion causes a gentle swelling to form in the first body corner portion, and an edge portion of the first recessed portion on the first top corner portion forms an inner inclined surface inclined toward the stopper, the first body corner portion being arranged in a trough-like manner so as to be capable to guide a matter in the container main body toward the stopper, such that the matter may be smoothly discharged, and

wherein the body includes a second recessed portion in a second body corner portion diagonally opposite to the first body corner portion, the second recessed portion being surrounded by two recessed-portion forming folding line portions extending from another starting point, which is located at a second top corner portion diagonally opposite to the first top corner portion or at a position away from the second top corner portion, branching from the another starting point to the back panel and any one of the left side panel and the right side panel so as to extend toward

the bottom, and joining together at another end point, which is located at a position within a range in which the two recessed-portion forming folding line portions extend until after reaching a second bottom corner portion diagonally opposite to the first bottom corner portion, and

there is no recessed portion formed in other body corner portions except for the first body corner portion and the second body corner portion, and

wherein a length of the first recessed portion from the starting point to the end point is equal to or larger than 50% of a height of the front panel of the body, and a width of a widest portion of the first recessed portion in a horizontal direction is equal to or larger than 10% of a width of the front panel of the body and smaller than 30% of the width of the front panel of the body.

[Claim 2] The paper container with a stopper according to claim 1, wherein the flat top includes an inclined surface so that a front panel side of the flat top is low and a back panel side of the flat top is high.

[Claim 3] The paper container with a stopper according to claim 1 or 2,

wherein the container main body is formed of a single blank sheet, the blank sheet being made of a paper container material obtained by laminating a sealant on at least a back surface side

of a paperboard base material, the blank sheet including:

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

a pair of top surface panels, which is configured to form the flat top, and contiguous with an upper end of the front panel and an upper end of the back panel through top horizontal folding lines so as to be opposed to each other;

a pair of folding surface panels, which is configured to form the flat top, and contiguous with an upper end of the left side panel and an upper end of the right side panel through top horizontal folding lines so as to be opposed to each other;

sealing panels, which are contiguous with upper ends of the top surface panels and upper ends of the folding surface panels through sealing-portion horizontal folding lines;

a pair of bottom surface panels, which is contiguous with a lower end of the front panel and a lower end of the back panel through bottom horizontal folding lines so as to be opposed to each other; and

a pair of inner surface panels, which is contiguous with a lower end of the left side panel and a lower end of the right side panel through bottom horizontal folding lines so as to be opposed to each other,

wherein, in the top surface panel contiguous with the upper end of the front panel, a stopper mounting opening portion is formed

at a position adjacent to an intersection point of the top horizontal folding line at the upper end of the front panel and a top vertical folding line between the top surface panel and any one of the pair of folding surface panels, the top horizontal folding line and the top vertical folding line forming the first top corner portion, and

wherein the body vertical folding line between the front panel and any one of the left side panel and the right side panel forms the first body corner portion, is continuous with the intersection point, and includes two recessed-portion forming folding line portions configured to form the first recessed portion, the two recessed-portion forming folding line portions extending from a starting point, which is located at the intersection point or at a position slightly away from the intersection point, branching from the starting point to the front panel and any one of the left side panel and the right side panel so as to extend toward the bottom horizontal folding line of the front panel and the bottom horizontal folding line of any one of the left side panel and the right side panel, and joining together at an end point, which is located at a position within a range in which the two recessed-portion forming folding line portions extend until after reaching an intersection point of the bottom horizontal folding line of the front panel and the bottom horizontal folding line of any one of the left side panel and the right side panel.