CLAIMS

[Claim 1]

A refrigerator comprising:

a box body in which a storage compartment having an opening at a front side thereof is formed;

a door attached to the box body, located in front of the front side of the storage compartment, and configured to open and close at least part of the storage compartment, the door including a first rib on a back side thereof, the first rib protruding backward when the storage compartment is in a closed state;

a first engagement portion provided at an inner wall of the first rib, an interior of the first engagement portion being filled with resin;

a storage container having a storage space defined therein by a bottom plate that is rectangular as viewed in plan view and a side wall portion raised at a peripheral edge of the bottom plate, the storage container having a first fitting recessed portion in a wall portion of the side wall portion, the wall portion being raised at an associated one side of the bottom plate; and

an egg tray including

a tray in which a plurality of holes to support eggs are formed, the tray having, at a peripheral edge thereof, a short side, a long side, and a chamfered portion being located between the short side and the long side, and

a leg raised on the tray and supporting the tray on the bottom plate,

wherein

the first engagement portion is inserted into the first fitting recessed portion, thereby causing the storage container to be attached to the first rib,

with the egg tray accommodated in the storage container, the first fitting recessed portion is provided inward of an extension line of the long side and a line that extends parallel to the long side while passing through a connection portion between the chamfered portion and the short side, as the tray is viewed in plan view,

a distance between the short side and the side wall portion in a direction along the long side is smaller than a width of the first fitting recessed portion in the direction along the long side, and

the tray and the first fitting recessed portion do not overlap each other as viewed in plan view.

[Claim 2]

The refrigerator of claim 1, wherein

the bottom plate has a pair of long sides and a pair of short sides at the peripheral edge,

the side wall portions include a pair of long side wall portions raised along the pair of long sides of the bottom plate and a pair of short side wall portions raised along the pair of short sides of the bottom plate,

one of the pair of short side wall portions is the wall portion,

the side wall portions each have a curved surface portion having a curved surface, the curved surface portion being located between the wall portion and an associated one of the pair of long side wall portions, and

the first fitting recessed portion is provided to extend upward relative to the bottom plate along a connection portion between the wall portion and the curved surface portion adjacent to the wall portion.

[Claim 3]

The refrigerator of claim 1, wherein

the first engagement portion has a first engagement protrusion that is inserted into the first fitting recessed portion, and

the first engagement protrusion is shaped to widen downward.

[Claim 4]

The refrigerator of claim 3, wherein the first engagement protrusion is shaped to widen downward toward a front side as viewed from a front of the door, when the storage compartment is made by the door to be in the closed state.

[Claim 5]

The refrigerator of claim 1, wherein

the first engagement portion includes a first engagement protrusion that is inserted into the first fitting recessed portion and a reinforcing protrusion extending in a depth direction,

the first engagement protrusion is in contact with the reinforcing protrusion, and extends upward relative to the reinforcing protrusion, and

with the storage container attached to the first rib, the reinforcing protrusion is in contact with the bottom plate and supports the storage container.

[Claim 6]

The refrigerator of claim 5, wherein

a second rib extending backward is provided on the back side of the door,

the door has a back surface between the first rib and the second rib, and

the reinforcing protrusion is integrally molded with the back surface and the inner wall.

[Claim 7]

The refrigerator of claim 5, wherein the reinforcing protrusion is shaped to widen laterally toward a back when the storage compartment is made by the door to be in the closed state.

[Claim 8]

The refrigerator of claim 3, wherein

the first engagement portion has a second engagement protrusion behind the first engagement protrusion,

a second fitting recessed portion is provided in the wall portion, and

the first engagement protrusion is inserted into the first fitting recessed portion, and the second engagement protrusion is inserted into the second fitting recessed portion, thereby causing the storage container to be attached to the first rib.

[Claim 9]

The refrigerator of claim 8, wherein

with the storage container attached to the first rib, the second engagement protrusion is located below the tray, and

a width of the second engagement protrusion in a lateral direction is greater than a width of the first engagement protrusion in the lateral direction.

[Claim 10]

The refrigerator of claim 6, wherein

the bottom plate includes a pair of long sides and a pair of short sides at the peripheral edge,

the side wall portions include long side wall portions raised along the pair of long sides of the bottom plate and a pair of short side wall portions raised along the pair of short sides of the bottom plate,

a second engagement protrusion is provided at the back surface,

a second fitting recessed portion is provided at one of the pair of the long side wall portions that is attached to the back surface, and

the first engagement protrusion is inserted into the first fitting recessed portion, and the second engagement protrusion is inserted into the second fitting recessed portion, thereby causing the storage container to be attached to the first rib and the back surface.

[Claim 11]

The refrigerator of claim 10, wherein

the first fitting recessed portion and the second fitting recessed portion are coupled together by a coupling portion, and

the first fitting recessed portion, the second fitting recessed portion, and the coupling portion are integrally molded from resin.

[Claim 12]

The refrigerator of claim 1, wherein the chamfered portion has a corner chamfered along a first hole of the plurality of holes that is the closest to the chamfered portion.

[Claim 13]

The refrigerator of claim 1, wherein the chamfered portion is chamfered linearly as the tray is viewed in plan view.

[Claim 14]

The refrigerator of claim 1, wherein the chamfered portion is arcuately chamfered as the tray is viewed in plan view.