[Document Name] Claims

[Claim 1]

A clothing drying device comprising:

a drum with a rope wound around;

a casing body comprises an entrance / exit surface and storing the drum, the entrance / exit surface being provided adjacent to a wall surface to which the casing body is fixed, the entrance / exit surface allowing the rope to go in and out; and

a gate-shaped guide member provided on the entrance / exit surface, comprising a hole portion provided inside the guide member and the rope is passed through, a pair of pole portions extending in the direction intersecting with the wall surface and comprising an arc surface becoming convex toward the hole portion, and a beam portion passed between the pair of pole portions at the end portion opposite to the end portion of the wall surface side of the pair of pole portions and comprising an arc surface becoming convex toward the hole portion,

a first frame having an L-shaped cross section, the first frame having a first portion interposed between the guide member and the wall surface, a second portion extending in a direction intersecting the first portion, and a notch provided at a tip of the second portion through which the rope is passed;

wherein the second portion comprising a spacer portion defining a part around the hole portion to secure a space between the hole portion and the wall surface.

[Claim 2]

The clothing drying device according to claim 1, wherein the beam portion comprises an arch shape being convex in the direction away from the wall surface.

[Claim 3]

The clothing drying device according to any one of claims 1 or 2, comprising a receiving portion fixed to a wall surface different from the wall surface, wherein

the rope comprises a grip portion provided on the end portion opposite to the drum and capable of being hooked on the receiving portion.

[Claim 4]

A clothing drying device comprising:

a drum with a rope wound around;

a first frame comprising a plurality of fixing portions, the plurality of fixing portions being arranged along the pull-out direction of the rope and used for fixing the device to the wall surface;

a second frame provided on both sides sandwiching a storage section capable of storing the first frame and capable of engaging with the first frame; and

a third frame fixed to the second frame so as to store the drum between the third frame and the second

frame and comprising a supporting shaft rotatably supporting the drum

a brake portion that applies a predetermined resistance force when the drum rotates;

a connecting portion connecting parts sandwiching the storage portion, and fixing the brake portion to prevent the brake portion from rotating together with the rotating drum.

[Claim 5]

The clothing drying device according to claim 4, wherein

the first frame comprises a first engaging portion protruding toward the second frame, and

the second frame comprises a storage portion capable of storing the first frame and a second engaging portion capable of engaging with the first engaging portion, the second engaging portion being capable of engaging and disengaging with the first engaging portion moving relative to the direction along the wall surface and incapable of engaging and disengaging with the first engaging portion moving relative to the direction intersecting with the wall surface.

[Claim 6]

The clothing drying device according to claim 5, wherein the first frame comprises a first part capable of being stored in the storage portion, and a second part extending from the first part in the direction

intersecting with the first part and coming into contact with the second frame at the position the first engaging portion and the second engaging portion are engaged.

[Claim 7]

The clothing drying device according to claim 6, wherein the second part comprises a second fixing portion fixing the second frame and the second part.

[Claim 8]

The clothing drying device according to claim 4, wherein the connecting portion defines a bottom portion of the storage portion.

[Claim 9]

The clothing drying device according to any one of claims 4 to 8, wherein

the drum comprises a ratchet-shaped gear portion, and

a stopper portion engaging with the gear portion, and a disengaging portion disengaging the stopper portion from the gear portion are attached to either the second frame or the third frame.

[Claim 10]

The clothing drying device according to claim 9, wherein the drum comprises a concave portion provided inside the gear portion and capable of incorporating a spring generating torque in the direction the rope is wound around the drum.