CLAIMS

1. A device comprising:

a container that houses a fragile object, the container having a cylindrical shape including a bottom;

a lid; and

a seal mechanism including a seal,

wherein the container comprises a lower portion that houses the fragile object; an upper portion that includes an opening; and a stepped portion provided between the lower portion and the upper portion,

the upper portion has an inside diameter larger than an inside diameter of the lower portion, and the stepped portion is a portion where an inside diameter of the container is sharply reduced,

the lid seals the opening of the upper portion,

the seal is interposed between the lid and the stepped portion to seal an opening of the lower portion,

the seal mechanism includes a packing ring between the seal and the stepped portion,

the packing ring has a groove perpendicular to the packing ring in a circumferential direction.

2. The device according to claim 1, wherein the seal is pressed by the lid and the stepped portion when the lid is screwed into the container.

3. The device according to claims 1 or 2, wherein the opening of the upper portion is sealed with the lid simultaneously with or after sealing of the opening of the lower portion by the seal.

4. The device according to any one of claims 1 to 3, wherein the fragile object is a sheet cell culture.

5. The device according to any one of claims 1 to 4, wherein the sheet cell culture is a laminated body.