CLAIMS

Claim 1. A translucent member comprising:

a pair of translucent plate members disposed so as to face one another;

an aerogel layer formed by an aerogel filled between the pair of translucent plate members; and

holding members sealing outer edge portions that are between the pair of translucent plate members, and holding both side end portions in a width direction of the pair of translucent plate members in states of being tilted toward a thickness direction inner side, the holding members suppressing swelling of the pair of translucent plate members due to lateral pressure applied from the aerogel layer to the pair of translucent plate members.

Claim 2. The translucent member of Claim 1, wherein:

the holding members have:

frame portions running along end surfaces of the side end portions of the translucent plate members, and

outer side claw portions projecting out from outer end portions of the frame portions in states of being tilted toward a thickness direction inner side of the translucent plate members, and disposed along outer surfaces of the side end portions; and

rigidity of the holding members is greater than rigidity of the translucent plate members.

Claim 3. The translucent member of Claim 2, wherein

rigidity of the outer side claw portions is greater than rigidity of the translucent plate members.

Claim 4. The translucent member of Claim 2, wherein

the outer side claw portions project out from the outer end portions at both sides of the frame portions, and are respectively disposed along the outer surfaces of the side end portions of the pair of translucent plate members.

Claim 5. The translucent member of any one of Claim 2 through Claim 4, wherein

the holding members have inner side claw portions that project out from inner sides of the outer end portions at the frame portions in states of being tilted toward a thickness

direction inner side of the translucent plate members, and are disposed along inner surfaces of the side end portions.

Claim 6. The translucent member of Claim 5, wherein

rigidities of the outer side claw portions and the inner side claw portions are greater than the rigidity of the translucent plate members.

Claim 7. The translucent member of Claim 5, wherein

a length of the outer side claw portions in a projecting direction is greater than or equal to a length of the inner side claw portions in a projecting direction.

Claim 8. The translucent member of Claim 5, wherein

a length of the outer side claw portions in a projecting direction is the same as a length of the inner side claw portions in a projecting direction.

Claim 9. The translucent member of any one of Claim 5 through Claim 8, wherein

the inner side claw portions project out from inner sides of the outer end portions at both sides of the frame portions, and are respectively disposed along inner surfaces of the side end portions of the pair of translucent plate members.

Claim 10. The translucent member of any one of Claim 1 through Claim 9, wherein

the pair of translucent plate members swell out toward thickness direction outer sides from the side end portions toward central portions in a width direction.

Claim 11. The translucent member of any one of Claim 1 through Claim 10, wherein

the holding members respectively hold the side end portions at both width direction sides of the pair of translucent plate members.

Claim 12. The translucent member of any one of Claim 1 through Claim 11, wherein

the translucent plate members have a plurality of hollow portions in which an aerogel is filled.

Claim 13. The translucent member of any one of Claim 1 through Claim 11, wherein:

the translucent plate member has:

a pair of polycarbonate plates that face one another, and

a plurality of ribs provided between the pair of polycarbonate plates, connecting the pair of polycarbonate plates and forming a plurality of hollow portions between the pair of polycarbonate plates; and

an aerogel is filled in the hollow portions.

Claim 14. A multilayer translucent body comprising:

a plurality of translucent plates that face one another and at which regions between edge portions thereof are closed-off; and

the translucent member of any one of Claim 1 through Claim 13 provided in a hollow layer that is between translucent plates that are adjacent to one another, with intervals between the translucent member and the translucent plates.

Claim 15. The multilayer translucent body of Claim 14, wherein:

the translucent plate members and the translucent plates are glass plates, and

a thickness of the translucent plate members is less than or equal to a thickness of the translucent plates.