CLAIMS

[Claim 1] A chemical volatilizing device comprising a chemical volatilizing member that volatilizably holds a volatile chemical and a storage container that has an outer container disposed outside an inner container accommodating the chemical volatilizing member,

wherein

when the storage container is switched between an upright position and an inverted position turned upside down relative to the upright position, the inner container moves down under an own weight thereof,

in one of the upright and inverted positions, an outer opening in a circumferential face of the outer container and an inner opening in a circumferential face of the inner container overlap with each other and, in the other of the upright and inverted positions, the inner opening is displaced from the outer opening in a vertical direction so that the outer opening is closed by a portion surroundings of the inner opening.

[Claim 2] The chemical volatilizing device according to claim 1, wherein

the outer container has, in one end face thereof along the vertical direction, an insertion hole through which the inner container is inserted,

the inner container is removably fitted in the outer container via the insertion hole,

the outer container has a second protrusion on an inner surface thereof,

the inner container has a first protrusion on an outer surface thereof,

the inner container has, in one end part thereof along the vertical direction, a wider portion with a width larger than a width of the inner container at the first protrusion and is inserted, starting at a side opposite from the wider portion, through the insertion hole, and

when the inner container is inserted starting at the side opposite from the wider portion, the wider portion makes contact with the second protrusion to restrict movement of the inner container.

[Claim 3] A chemical volatilizing device comprising a chemical volatilizing member that

volatilizably holds a volatile chemical and a storage container that has an outer container disposed outside an inner container accommodating the chemical volatilizing member,

wherein

the inner container, which is a sheet molding of synthetic resin, is disposed to be vertically movable relative to the outer container, which is an injection molding, and

as the inner container moves vertically, a switch is made between a volatilizing state in which an outer opening in the circumferential face of the outer container and an inner opening in a circumferential face of the inner container overlap with each other and a non-volatilizing state in which the inner opening is displaced from the outer opening in a vertical direction so that the outer opening is closed by a portion surroundings of the inner opening.

[Claim 4] The chemical volatilizing device according to claim 3, wherein

with the outer container arranged in one of an upright position and an inverted position turned upside down relative to the upright position, moving the inner container down to a stroke end brings about the volatilizing state and, with the outer container arranged in the other of the upright and inverted positions, moving the inner container down to the stroke end brings about the non-volatilizing state.

[Claim 5] The chemical volatilizing device according to claim 1 or 3, wherein

contact between a first protrusion on an outer surface of the inner container and a second protrusion on an inner surface of the outer container restricts vertical movement of the inner container.

[Claim 6] The chemical volatilizing device according to claim 5, wherein

the outer container has, in one end face thereof along the vertical direction, an insertion hole through which the inner container is inserted,

the inner container is removably fitted in the outer container, and

when the inner container is inserted through the insertion hole, the first protrusion slides across and moves over the second protrusion.

[Claim 7] The chemical volatilizing device according to claim 1 or 3, wherein the inner container is removably fitted in the outer container.

[Claim 8] The chemical volatilizing device according to claim 1 or 3, wherein the outer container has a front member and a rear member that engage with each other,

one of the front and rear members has an engaging claw,

the other of the front and rear members has an engaged portion engaged with the engaging claw and an opposing wall facing the engaged portion, and

the opposing wall has a jutting portion facing the engaging claw fitted between the engaged portion and the opposite wall, the jutting portion being disposed frontward of the engaged portion along the insertion direction.

[Claim 9] The chemical volatilizing device according to claim 1 or 3, wherein the inner and outer containers are given different external colors.