CLAIMS

1. A storage container comprising a plurality of stages of storage units each having an accommodating region to accommodate an article, the storage container comprising:

a supply portion configured to supply a purge gas;

a duct portion configured to communicate with other duct portions of other storage units throughout the plurality of stages of storage units and serve as a flow path for the purge gas supplied from the supply portion when the plurality of storage units are stacked; and

an introducing portion configured to communicably connect the duct portion with the accommodating region and introduce the purge gas to the accommodating region, wherein

in the flow path for the purge gas in the duct portion, a diffusion member is arranged such that a uniform flow velocity of the purge gas can be achieved,

the duct portion is formed by each of the plurality of stages of storage units in a stacked state so that the duct portion passes through all of the plurality of stages of storage units, and

the diffusion member protrudes from an inner wall of the duct portion.

2. The storage container according to claim 1, wherein

the diffusion member is a plate-like member protruding from an inner wall of the duct portion.

3. The storage container according to claim 1, wherein

the diffusion member is arranged on an extended line in an inflow direction of the purge gas supplied from the supply portion.

4. The storage container according to claim 1, wherein

the diffusion member is provided in at least one of the storage units arranged near the supply portion.

5. The storage container according to claim 2, wherein

the diffusion member has an area that is changed depending on a distance from the supply portion.