CLAIMS

1. A decontamination device configured to decontaminate an air filter for particle removal,

the air filter is a HEPA or ULPA filter,

the HEPA or ULPA filter is held by a container and is used to remove particles in the container,

the decontamination device being configured to release gas containing peracetic acid into the container such that the gas reaches the HEPA or ULPA filter and not release mist containing peracetic acid into the container,

wherein the gas is generated without heating a chemical agent containing peracetic acid,

the decontamination device comprising:

a container for the chemical agent containing peracetic acid; and

a blower configured to blow air to the gas generated by the evaporation of peracetic acid contained in the housing;

wherein the gas to which the air has been blown by the blower reaches the HEPA or ULPA filter.

2. A decontamination device configured to decontaminate an air filter for particle removal,

the air filter is a HEPA or ULPA filter,

the HEPA or ULPA filter is held by a container and is used to

remove particles in the container,

the decontamination device being configured to release gas containing peracetic acid into the container such that the gas reaches the HEPA or ULPA filter and not release mist containing peracetic acid into the container,

wherein the gas is generated without heating a chemical agent containing peracetic acid,

the decontamination device comprising:

a tray containing the chemical agent containing peracetic acid;

a porous member configured to suck up the chemical agent in the tray by capillary action;

a housing provided with a fluid flow channel therein and an opening portion formed on the downstream side of the fluid flow channel; and

a blower disposed on the flow channel;

wherein the porous member is disposed on the flow channel.

3. A system comprising:

an air filter for particle removal and

a container configured to hold an air filter, and

a decontamination device configured to decontaminate said air filter,

the decontamination device being configured to release gas containing peracetic acid into the container such that the gas reaches the air filter and not release mist

containing peracetic acid into the container,

wherein the gas is generated without heating a chemical agent containing peracetic acid,

the decontamination device comprising:

a storage body configured to store the chemical agent containing peracetic acid; and

a blower configured to blow air to the gas generated though evaporation of peracetic acid stored in the storage body;

wherein the gas to which the air has been blown by the blower reaches the air filter.

4. A system comprising:

an air filter for particle removal and

a container configured to hold said air filter, and

a decontamination device configured to decontaminate said air filter,

the decontamination device being configured to release gas containing peracetic acid into the container such that the gas reaches the air filter and not release mist containing peracetic acid into the container,

wherein the gas is generated without heating a chemical agent containing peracetic acid,

the decontamination device comprising:

a tray containing the chemical agent containing peracetic acid;

a porous member configured to suck up the chemical agent in the tray by capillary action;

a housing provided with a fluid flow channel therein and an opening portion formed on the downstream side of the fluid flow channel; and

a blower disposed on the flow channel;

wherein the porous member is disposed on the flow channel.