Claims

[Claim 1]

A gas replacement method comprising:

a step of supplying an inert gas higher in specific gravity than a first gas to a tank filled with the first gas to form a separation layer made of the inert gas below the first gas; and

a step of supplying a second gas higher in specific gravity than the inert gas to a lower portion of the tank after the separation layer is formed to sequentially discharge the first gas and the separation layer from an upper portion of the tank.

[Claim 2]

The gas replacement method according to Claim 1, wherein the inert gas and the second gas are supplied to the tank through a lower pipe opening to the lower portion in the tank.

[Claim 3]

A gas replacement method comprising:

a step of supplying an inert gas lower in specific gravity than a second gas to a tank filled with the second gas to form a separation layer made of the inert gas above the second gas; and

a step of supplying a first gas lower in specific gravity than the inert gas to an upper portion of the tank after the separation layer is formed to sequentially discharge the second

gas and the separation layer from a lower portion of the tank.

[Claim 4]

The gas replacement method according to Claim 3, wherein the inert gas and the first gas are supplied into the tank through an upper pipe opening to the upper portion in the tank.

[Claim 5]

The gas replacement method according to any one of Claims 1 to 4, wherein the inert gas forming the separation layer is supplied to the tank by an amount smaller than a capacity of the tank in the step of forming the separation layer made of the inert gas.

[Claim 6]

The gas replacement method according to any one of Claims 1 to 5, wherein the tank is provided on a hull of a ship.