

ABSTRACT

According to one aspect of the present invention, a system using cold heat is provided, comprising: a liquefied gas storage unit that stores liquefied gas; a primary loop in which a first intermediate medium receiving the cold heat of the liquefied gas circulates, and a secondary loop in which a second intermediate medium circulates, in which the second intermediate medium undergoes heat exchange with the first intermediate medium in at least one heat exchange unit interlocked with the primary loop, wherein the primary loop comprises: a first heat exchange unit for transferring the cold heat of the liquefied gas to the first intermediate medium so that 1-1 heat exchange takes place between the liquefied gas and the first intermediate medium; and a first intermediate medium storage unit which stores the first intermediate medium with which the 1-1 heat exchange has taken place, and can be converted from a closed state to an open state or from an open state to a closed state; wherein in a state in which the first intermediate medium is stored in the first intermediate medium storage unit, heat exchange is performed between the first intermediate medium and the second intermediate medium by the at least one heat exchange unit.