

ABSTRACT

A fluid supply system of a docking station for a moving apparatus includes a moving apparatus including a first storage tank configured to receive a fluid therein, a docking station into which the moving apparatus is selectively docked, the docking station including a second storage tank configured to receive the fluid therein and a pump configured to discharge a fluid received in the second storage tank, and a processor electrically connected to the pump and configured to determine, when the moving apparatus is docked to the docking station, whether the moving apparatus has been successfully docked, and to control the pump to operate with an operation load, when the processor concludes that the moving apparatus has been successfully docked into the docking station so that the fluid is supplied from the second storage tank to the first storage tank.

FIG. 1