ABSTRACT

This liquid hydrogen loading/unloading system includes: a hydrogen tank that stores liquid hydrogen; loading/unloading equipment that loads the liquid hydrogen into the hydrogen tank and unloads the liquid hydrogen from the hydrogen tank; a sealing device that is provided in the loading/unloading equipment and provides a hermetic seal between the interior of the loading/unloading equipment and the atmosphere with first seal gas; and a seal gas supply system that supplies boil-off gas resulting from vaporization in the hydrogen tank to the sealing device as the first seal gas.