

**TITLE OF INVENTION: A SYSTEM AND METHOD FOR MAKING A FLUID
CONNECTION BETWEEN A CLEANING ROBOT AND A BASE STATION**

ABSTRACT

A method for making a fluid connection between a cleaning robot and a base station is disclosed. The method includes moving the cleaning robot to the base station, and picking up a first connecting member from the base station using a robotic arm of one of the cleaning robot and the base station. The method further includes connecting the first connecting member to a second connecting member of the cleaning robot to complete the fluid connection between the cleaning robot and the base station, and transferring fluid between the cleaning robot and the base station through the fluid connection. A cleaning robot and a base station is also disclosed. A fluid transferring system including a cleaning robot and a base station is also further disclosed.

[Figure 1]