

**SELF-MOVING ROBOT, OBSTACLE CROSSING METHOD,
OBSTACLE CROSSING SYSTEM, AND COMPUTER READABLE
STORAGE MEDIUM**

ABSTRACT

5 A self-moving robot includes an active obstacle crossing component and
perform a cleaning task based on a preset cleaning frequency. An obstacle
crossing method includes: identifying a type of an obstacle, and determining
whether the obstacle is a first type of obstacle or a second type of obstacle
according to a height rule; obtaining a first obstacle crossing frequency
10 corresponding to the first type of obstacle, and crossing over or not crossing over
the first type of obstacle based on the first obstacle crossing frequency, where the
first obstacle crossing frequency is less than or equal to the preset cleaning
frequency; and obtaining a second obstacle crossing frequency corresponding to
the second type of obstacle, and crossing over or not crossing over the second
15 type of obstacle based on the second obstacle crossing frequency, where the
second obstacle crossing frequency is less than or equal to the preset cleaning
frequency.

The most illustrative drawings: Figure 2