

TITLE OF INVENTION: A CLEANING ROBOT**ABSTRACT**

A cleaning robot is disclosed in the present disclosure. The cleaning robot comprises a body comprising a flushing liquid tank configured to contain a flushing liquid comprising water; a first flushing outlet; an ozone generator, and a mobility mechanism configured to support the body and provide mobility to the cleaning robot along a surface, wherein the ozone generator is configured to receive the flushing liquid from the flushing liquid tank to form aqueous ozone, and the cleaning robot is configured to provide aqueous ozone from the ozone generator to the first flushing outlet to clean an environment.. A method of cleaning an environment with a cleaning robot is also disclosed.

[Fig. 1]