

SYSTEM AND METHOD FOR FACILITATING CLEANING AREA

ABSTRACT

According to various embodiments, there is a system comprising: an image capturing module configured to capture an image of an area, the image comprising a target to be disposed of; at least one cleaning device configured to perform a task to dispose of the target; and a processor configured to: receive the image from the image capturing module; determine an attribute of the target and a location of the target from the image; and control the at least one cleaning device to perform the task, based on the determined attribute of the target and the determined location of the target, wherein the processor is further configured to detect a rough shape of the target from the image, and process the image in a different manner based on whether the target is of regular shape or irregular shape to determine the attribute of the target and the location of the target.

FIG. 1