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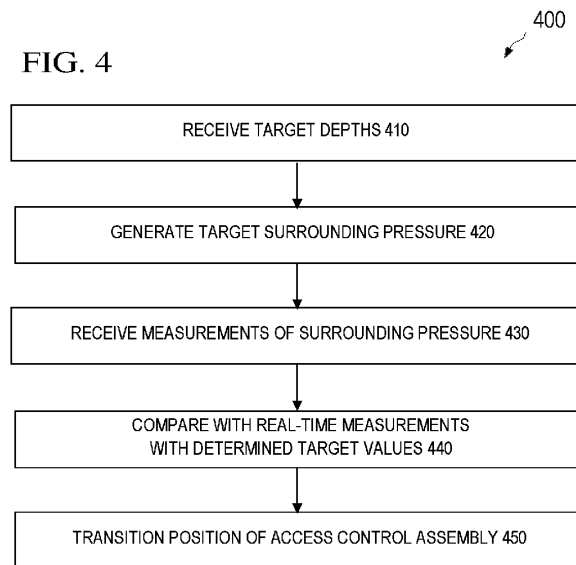
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(54) Title: SYSTEMS, DEVICES, AND METHODS FOR MANAGING AN UNDERWATER VEHICLE

FIG. 4



(57) **Abstract:** Embodiments relate to systems and methods for managing an autonomous underwater vehicle. The system includes a main housing system which includes a main cavity for housing an underwater vehicle. The system also comprises of an access control assembly which is configured to transition between a closed position and an opened position. The system further comprised of a sensor wherein the sensor is configured to generate a surrounding pressure of the main housing, an underwater depth of the main housing, and a distance remaining for the main housing to reach a bottom surface of the body of water. The system is also comprised of an access control controller assembly configured to control the access control assembly and to transition the access control assembly from the opened position to the closed position.

[Continued on next page]

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