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Hillenbrand et al.

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[54] UNMANNED UNDERSEA VEHICLE WITH ERECTABLE SENSOR MAST FOR OBTAINING POSITION AND ENVIRONMENTAL VEHICLE STATUS

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[51] **Int. Cl.**[6] **B63G 8/28**; F41G 7/32

[52] **U.S. Cl.** **114/21.2**; 114/312; 114/340; 342/357

[58] **Field of Search** 114/21.2, 312, 114/316, 317, 318, 322, 340; 342/357

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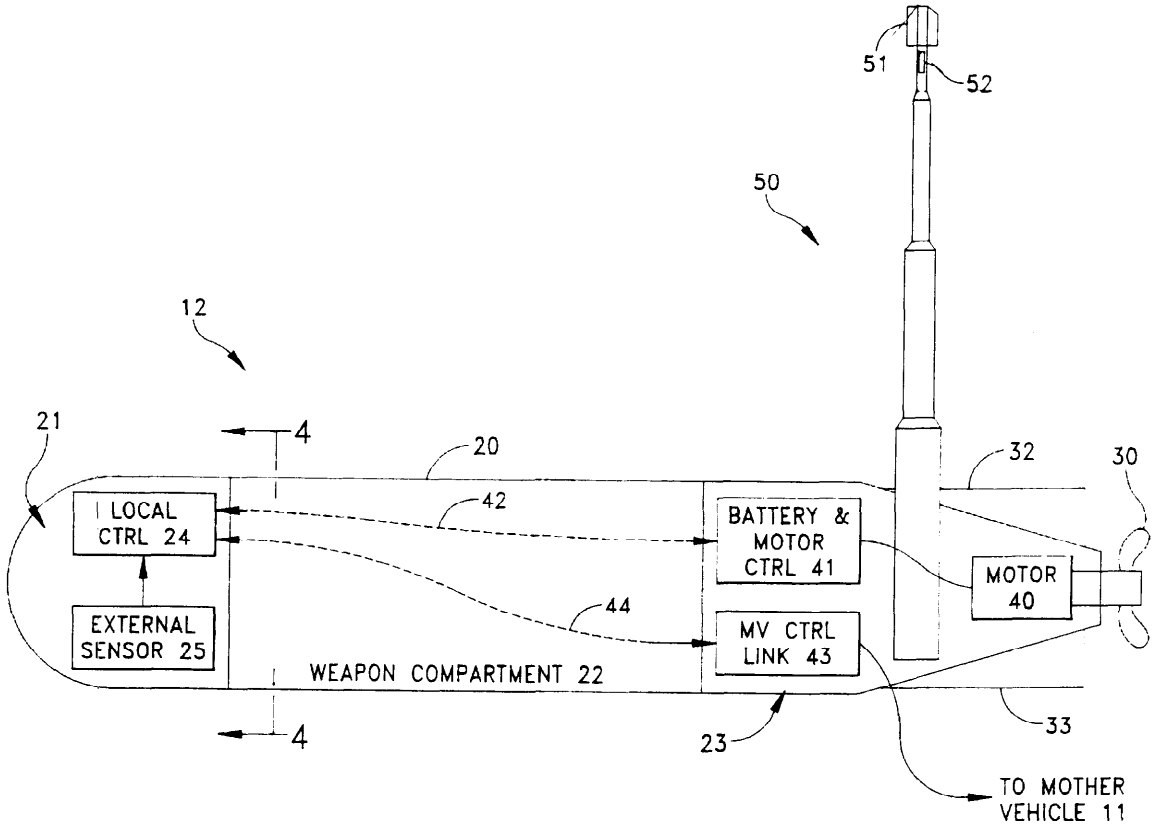
[57] **ABSTRACT**

In brief summary, the invention provides an unmanned undersea vehicle system comprising a mother vehicle and a daughter unmanned undersea vehicle. The unmanned undersea vehicle has an erectable observation mast for obtaining environmental information. A communication link interconnects the mother vehicle and the unmanned undersea vehicle for transferring command information from the mother vehicle to the unmanned undersea vehicle and unmanned undersea vehicle status information from the unmanned undersea vehicle to the mother vehicle.

1 Claim, 9 Drawing Sheets