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(54) Title: VECTOR CONTROL ASSEMBLIES FOR UNDERWATER VEHICLES

(57) Abstract: A submersible vehicle (10) is provided which is able to achieve six degrees of freedom utilizing a combination of only two thrusters with no external control planes. Each of the two thrusters can include a plurality of ducts (28) which can be selectively opened or closed, to varying degrees, to achieve six degrees of freedom for both control and propulsion.

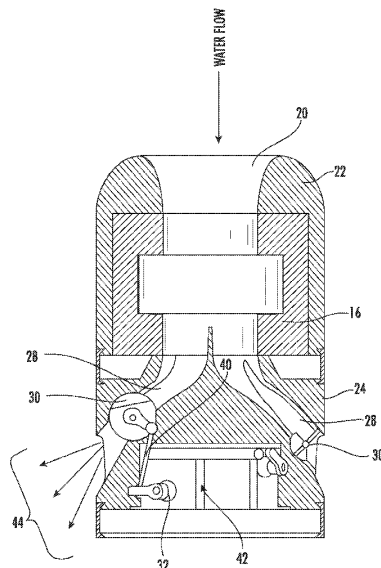


FIG. 13

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