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(71) Applicant (for all designated States except US): **ION GEOPHYSICAL CORPORATION** [US/US]; 2105 CityWest Boulevard, Houston, Texas 77042 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **OLIVIER, Andre W.** [US/US]; 9725 Robin Lane, River Ridge, Louisiana 70123 (US). **LACOUR, Lloyd Joseph** [US/US]; 451 Elk Loop, Sequim, Washington 98382 (US).

(74) Agent: **CRONVICH, James T.**; Laitram, L.L.C., 220 Laitram Lane, Harahan, Louisiana 70123 (US).

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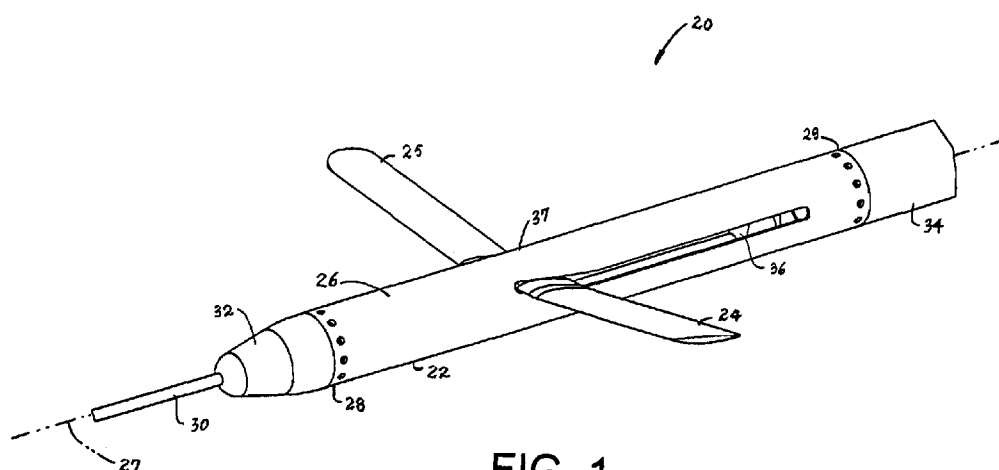


FIG. 1

(57) Abstract: A position controller capable of controlling the depth or lateral position of a towed array. The position controller comprises a tubular fuselage from which a pair of wings may be extended over a range of sweep angles between fully open and stowed positions. In fully or partly open positions, two wings present a positive angle of attack relative to the axis of the fuselage. In the stowed position, the wings are fully retracted into a wing receptacle within the fuselage for unfettered passage into and out of a submarine on the array deployment and retrieval handling system. The sweep angles of the two wings are independently adjustable by first and second actuators.



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