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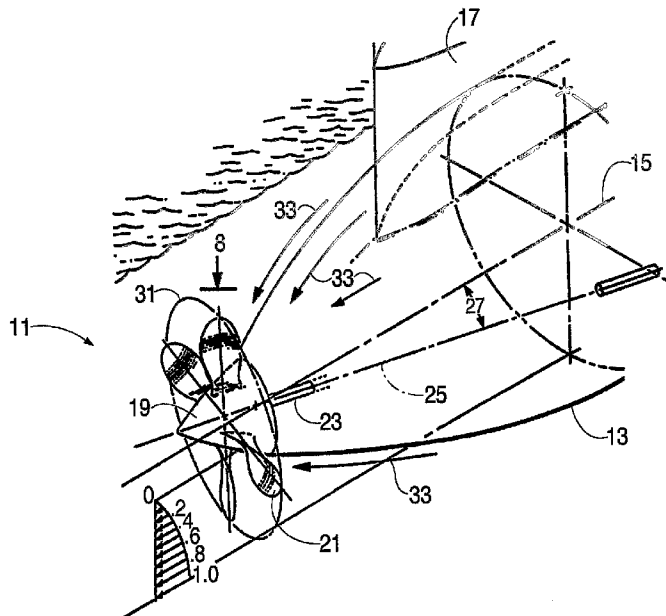
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- (71) Applicant: **LOCKHEED MARTIN CORPORATION** [US/US]; Bldg 400, Mail Drop 043, 9500 Godwin Drive, Manassas, VA 20110 (US). For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: WAKE ADAPTED PROPELLER DRIVE MECHANISM FOR DELAYING OR REDUCING CAVITATION



(57) Abstract: A wake adapted propeller drive mechanism delays or reduces cavitation or stall in a propeller drive mechanism mounted for rotation at the stern of a hull so as to be rotatable in a wake produced by forward motion of the hull through the water. The wake adapted propeller drive mechanism skews the drive shaft of the propeller sideways of the hull in a horizontal plane so as to adjust the angles of attack of the propeller to maintain the angles of attack below that which could produce cavitation or cavitation noise.

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