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(21) International Application Number: PCT/US97/07233 (22) International Filing Date: 5 May 1997 (05.05.97) (30) Priority Data: 60/033,367 16 December 1996 (16.12.96) US (71) Applicant (for all designated States except US): SEAGATE TECHNOLOGY, INC. [US/US]; 920 Disc Drive, Scotts Valley, CA 95067-0360 (US). (72) Inventors; and ^① (75) Inventors/Applicants (for US only): HAWWA, Muhammad, A. [SY/US]; 383 Country Club Drive, Simi Valley, CA 93065 (US); SAMPIETRO, Joseph, M. [US/US]; 5808 Beckford Avenue, Tarzana, CA 91356 (US). FARD, Anoush, M. [US/US]; 5537 Old Salt Lane, Agora Hills, CA 91301 (US); BARINA, Jeffrey, G. [US/US]; 6433 LaCumbre Road, Somis, CA 93066 (US). MOHAJERANI, Khosrow [US/US]; 3911 Calle Loma Vista, Newbury Park, CA 91320 (US). ^② ^③ (74) Agent: ANGUS, Robert, M.; Kinney & Lange, P.A., Suite 1500, 625 Fourth Avenue South, Minneapolis, MN 55415-1659 (US).		(81) Designated States: DE, GB, JP, KR, SG, US. Published <i>With international search report.</i>

(54) Title: **BIMORPH PIEZOELECTRIC MICROACTUATOR HEAD AND FLEXURE ASSEMBLY**

(57) Abstract

A head flexure assembly (40) for positioning a transducing head (25) over a selected track (34) of a rotatable disc (30) in a disc drive system (10) having an actuator arm (16) and head suspension (18) includes a bimorph piezoelectric microactuator (46) having first and second ends. The first end of the microactuator (46) is attached to the actuator arm (16), and a flexure (22) is attached to the second end of the microactuator (46). A slider (24) carrying the transducing head (25) is attached to the flexure (22).

