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(21) International Application Number: PCT/US97/18068 (22) International Filing Date: 7 October 1997 (07.10.97) (30) Priority Data: 60/050,409 20 June 1997 (20.06.97) US 08/920,243 28 August 1997 (28.08.97) US (71) Applicant: SEAGATE TECHNOLOGY, INC. [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US). (72) Inventor: BOUTAGHOU, Zine-Eddine; 307 Lily Pond Lane, Vadnais Heights, MN 55127 (US). (74) Agents: CHAMPLIN, Judson, K.; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US) et al.		(81) Designated States: CN, DE, GB, JP, KR, SG. Published <i>With international search report.</i>
(54) Title: SLIDER FOR OPTICAL DISC DATA STORAGE SYSTEM (57) Abstract An optical disc data storage system (10) includes an optical disc (12) having a data surface. An actuator arm (24) having a distal end is selectively radially positionable adjacent the data surface. A transducing element (30) is carried on a slider (20) which is coupled to the distal end of the actuator arm (24). The slider (20) includes an air bearing surface (56) and the transducing element (30) includes an optical mesa (54) adjacent the air bearing surface (56). The optical mesa (54) is spaced apart from the data surface whereby contact between the data surface and the mesa structure (54) is prevented.		