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170, Singapore 600327 (SG). LIM, Choonkiat, Lim; Blk 724, Yishun Street 71, #02-183, Singapore 760724 (SG).

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(74) Agent: DEMPSTER, Shawn, B.; Seagate Technology, Inc. - SHK2LG, 1280 Disc Drive, Shakopee, MN 55379-1863 (US).

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(71) Applicant: SEAGATE TECHNOLOGY, INC. [US/US];

920 Disc Drive, Building 15, Scotts Valley, CA 95066 (US).

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(72) Inventors: LIU, Xiong; Blk 248, Bukit Batok East Avenue 5, #07-52, Singapore 650248 (SG). LIU, Joseph, C.;

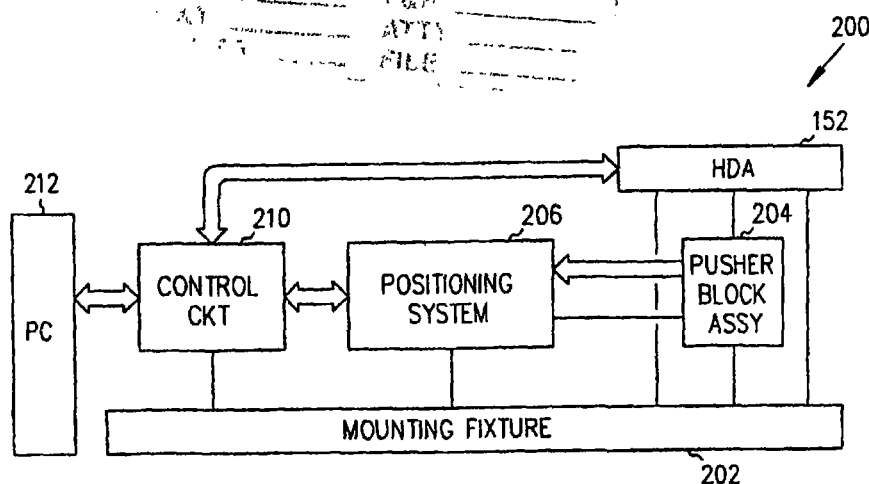
35 Mount Sinsi Avenue, #12-01, Singapore 276955 (SG).

GOMEZ, Kevin, A.; Blk 327, Jurong East Street 31, #04-

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(54) Title: METHOD AND APPARATUS FOR REDUCING TRACK MISREGISTRATION FROM SERVO TRACK WRITING



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(57) Abstract: An HDA includes a base, a disc stack coupled to a spindle rotatably attached to the base by a spindle shaft and spindle bearing. An actuator assembly is pivotally attached to the base at a pivot shaft. Attached to one end of the actuator assembly proximal the disc stack is one or more transducers for reading/writing information from/to the discs. A servo writer includes a controller for moving the actuator during the servo writing process. The controller moves the servo writer at the cage frequency of the spindle bearing to lessen the relative motion between the transducer head and the disc as the servo information is written to the disc. The controller also may be programmed to move the transducer at both the spindle rotation frequency and the cage frequency of the spindle bearing to lessen the relative motion between the transducer and the disc during the servo writing process.