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To the honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
Name of conveying party(ies): Vinod Sharama Hyung Jai Lee	2. Name and address of receiving party(ies) Name: Samsung Electronics Co., Ltd. Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	
3. Nature of conveyance:	
X Assignment Merger	
Security Agreement Change of Name	Street Address: 416 Maetan-Dong Paldal-Gu
Other	Suwon City, Kyungki-Do Republic of Korea
Other	City: State: Zip:
Execution Date: 7/22/04	Additional name(s) & address(es) attached? Yes X No
Application number(s) or patent number(s): If this document is being filed together with a new application, the A. Patent Application No.(s) Additional numbers at	B. Patent No.(s) 10903731
5. Name and address of party to whom correspondence	rached? res No
concerning document should be mailed:	6. Total number of applications and patents 1 involved:
Name: GREGORY SCOTT SMITH	7. 7. (4) 5 - (07. 050.0.44)
GSS LAW GROUP	7. Total fee (37 CFR 3.41) \$ <u>40.00</u>
Internal Address:	X Enclosed
	Authorized to be charged to deposit account
Street Address: <u>3900 Newpark Mall Road, Suite 317</u>	8. Deposit account number:
City: <u>Newark</u> State: <u>CA</u> Zip: <u>94560</u>	(Attach duplicate copy of this page if paying by deposit account)
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Statement and signature.	
To the best of my knowledge and belief, the foregoing in Is a true copy of the original document.	formation is true and cerrect and any attached copy
GREGORY SCOTT SMITH	7/29/04
Name of Person Signing	Signature Date

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231 14, 15 411, 51 3,000,0054 10**905**13.

Total number of pages including cover sheet, attachments, and documents: 3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE ASSIGNMENT OF PATENT

WHEREAS, VINOD SHARMA, a India citizen, and HYUNG JAI LEE, a United States citizen, have invented certain new and useful improvements in a METHOD AND APPARATUS FOR MICRO-ACTUATOR STROKE SENSITIVITY CALIBRATION IN A HARD DRIVE for which an application for a United States Patent was:

Filed on: 7/29/04

Whereas, SAMSUNG ELECTRONICS CO., LTD., a corporation of the country of Korea, with principle business address at 416 Maetan-Dong, Paldal-Gu, Suwon City, Kyungki-Do, Republic of Korea, is desirous of acquiring the entire right, title, and interest in and to said invention and in and to the United States Letters Patent thereon, when granted, and in and to any and all improvements thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said VINOD SHARMA and HYUNG JAI LEE, by these presents do sell, assign, and transfer unto said SAMSUNG ELECTRONICS CO., LTD., our entire right title and interest in and to any and all Letters Patent for the whole of the United States and each and every foreign country to be obtained therefore on said application or any continuation, division, renewal, substitute, or reissue thereof, and in and to any and all improvements thereon.

THE SAME TO BE HELD and enjoyed by SAMSUNG ELECTRONICS CO., LTD., it's successors and assigns, for their own use, to the full term for which the said Letters Patent may or shall be granted, as fully and entirely as the same might or could have been enjoyed by us had this Assignment and sale not been made.

Page 1 of 2

Our Ref. 139-038U

Executed this 22 day of Ju Signature	oly, 2004, at	San Jose, CA	·
Executed this 22 nd day of	.s.ly, 2004, at	Sam Jose,	cs.

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AND WE HEREBY AUTHORIZE and request the commissioner of Patents and

Trademarks to issue said United States Letters Patent on our said invention, when granted, unto our said Assignee, SAMSUNG ELECTRONICS CO., LTD., in accordance with this assignment.

RECORDED: 07/29/2004

Our Ref. 139-038U