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Haesung Kwon  
Hyung Jai Lee

Execution Date(s) 12/14/2004

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: Samsung Electronics Co., Ltd.

Internal Address: \_\_\_\_\_

Street Address: 416 Maetan-Dong

Paldal-Gu

City: Suwon City, Kyungki-Do

State: \_\_\_\_\_

Country: Republic of Korea Zip: \_\_\_\_\_

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17548 U.S. PTO  
117017540

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3. Nature of conveyance:

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4. Application or patent number(s):

A. Patent Application No.(s)

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address to whom correspondence concerning document should be mailed:

Name: GREGORY SCOTT SMITH

GSS LAW GROUP

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6. Total number of applications and patents

involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

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12/14/04  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
ASSIGNMENT OF PATENT**

WHEREAS, HAESUNG KWON, a Korean citizen and HYUNG JAI LEE, a United States citizen, have invented certain new and useful improvements in a METHOD AND APPARATUS COUPLING AT LEAST ONE PIEZOELECTRIC DEVICE TO A SLIDER IN A HEARD DISK DRIVE FOR MICROACTUATION for which an application for a United States Patent was:

Filed on: 12/14/04

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 HAESUNG KWON 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.

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.

Executed this 14<sup>th</sup> day of December, 2004, at San Jose, CA.

[Handwritten Signature]  
Signature

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Executed this 14<sup>th</sup> day of December, 2004, at San Jose, CA.

[Handwritten Signature]  
Signature