

5-10-05

05-17-2005



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To the Director of the U.S. Patent and Trademark Office

Attachments or the new address(es) below.

113014 U.S. PTO  
11/12/05



051005

11/12/05 462

**1. Name of conveying party(ies)/Execution Date(s):**  
 Dong-Ho Oh Myeong-Eop Kim  
 Seong-Woo Kang Tae Yeon Hwang  
 Yun-Sik Han Jae-Won Kim  
 Young-Hoon Kim

Execution Date(s) 06/25/03  
 Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance:**

Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**  
 Name: SAMSUNG ELECTRONICS  
 Internal Address: \_\_\_\_\_  
 Street Address: 416 Maetan-Dong  
Paldal-Gu  
 City: Suwon City, Kyungki-Do  
 State: \_\_\_\_\_  
 Country: Republic of KOREA Zip: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**  This document is being filed together with a new application.  
 A. Patent Application No.(s) \_\_\_\_\_  
 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  
 Internal Address: \_\_\_\_\_  
 Street Address: 3900 Newpark Mall Road, Suite 317  
 City: Newark  
 State: CA Zip: 94560  
 Phone Number: (510) 742-7417  
 Fax Number: (510) 742-7419  
 Email Address: gsmith@gsslawgroup.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
 Expiration Date \_\_\_\_\_

b. Deposit Account Number 502276  
 Authorized User Name \_\_\_\_\_

**9. Signature:** \_\_\_\_\_ 5/11/05  
 Signature Date

GREGORY SCOTT SMITH  
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

05/13/2005 DTESSEM1 00000048 11126462

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
ASSIGNMENT OF PATENT**

WHEREAS, DONG-HO OH, a Korean citizen, SEONG-WOO KANG, a Korean citizen, YUN-SIK HAN, a Korean citizen, YOUNG-HOON KIM, a Korean citizen, MYEONG-EOP KIM, a Korean citizen, TAE-YEON HWANG, a Korean citizen, and JAE-WON KIM, a Korean citizen, have invented certain new and useful improvements in a **METHOD AND APPARATUS REDUCING OFF-TRACK HEAD MOTION DUE TO DISK VIBRATION IN A DISK DRIVE USING CONFIGURATION OF THE DISK DRIVE SERVO-CONTROLLER** for which an application for a United States Patent was:

Filed on: 07/10/03

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:**

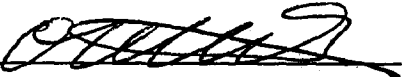
BE IT KNOWN that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said DONG-HO OH, SEONG-WOO KANG, YUN-SIK HAN, YOUNG-HOON KIM, MYEONG-EOP KIM, TAE-YEON HWANG and JAE-WON KIM, by these presents do sell, assign, and transfer unto said SAMSUNG ELECTRONICS CO., LTD., 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.

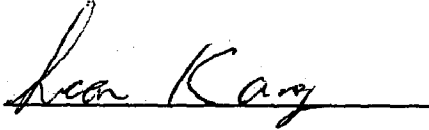
AND WE HEREBY AUTHORIZE and request the commissioner of Patents and Trademarks to issue said United States Letters Patent on our said invention, when granted, unto our said Assignee, SAMSUNG ELECTRONICS CO., LTD., in accordance with this assignment.

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 25<sup>th</sup> day of June, 2003, at San Jose, CA.

  
Signature

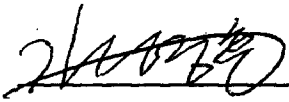
Executed this 25<sup>th</sup> day of June, 2003, at San Jose, CA.

  
Signature


Executed this 25 day of 06, 2003, at San Jose, CA.

  
Signature

Executed this 25<sup>th</sup> day of June, 2003, at San Jose, CA.

  
Signature

Executed this 25 day of June, 2003, at San Jose, CA.

  
Signature

Executed this 25 day of 06, 2003, at San Jose, CA.

Wu H. Wang  
Signature

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Executed this 25 day of June, 2003, at San Jose, CA.

Joan-hor Kim  
Signature

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