

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hyoung-soo KO</td><td>05/16/2008</td></tr><tr><td>Seung-bum HONG</td><td>05/16/2008</td></tr><tr><td>Chul-min PARK</td><td>05/16/2008</td></tr><tr><td>Dae-young JEON</td><td>05/16/2008</td></tr></tbody></table>	Name	Execution Date	Hyoung-soo KO	05/16/2008	Seung-bum HONG	05/16/2008	Chul-min PARK	05/16/2008	Dae-young JEON	05/16/2008	
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Dae-young JEON	05/16/2008										
RECEIVING PARTY DATA											
Name:	SAMSUNG ELECTRONICS CO., LTD										
Street Address:	416, Maetan-dong, Yeongtong-gu										
Internal Address:	Gyeonggi-do										
City:	Suwon-si										
State/Country:	REPUBLIC OF KOREA										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12126427</td></tr></tbody></table>	Property Type	Number	Application Number:	12126427							
Property Type	Number										
Application Number:	12126427										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Darryl Mexic										
Total Attachments: 1											

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PATENT  
REEL: 020993 FRAME: 0491



Docket No. Q106667  
For Non-U.S. Clients

### Assignment

Whereas, We, Hyoung-soo KO, Seung-bum HONG, Chul-min PARK, and Dae-young JEON of Seoul, Republic of Korea, Seongnam-si, Republic of Korea, Yongin-si, Republic of Korea, and Mokpo-si, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in ELECTRIC FIELD EFFECT READ/WRITE HEAD, METHOD OF MANUFACTURING THE SAME, AND ELECTRIC FIELD EFFECT STORAGE APPARATUS HAVING THE SAME and executed an application for Letters Patent of the United States of America therefor on 16/May/2008; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number, confirmation number, and filing date of said application when known.

Date: 16/May/2008

  
s/Hyoung-soo KO

Date: 16/May/2008

  
s/Seung-bum HONG

Date: 16/May/2008

  
s/Chul-min PARK

Date: 16/May/2008

  
s/Dae-young JEON

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT

RECORDED: 05/23/2008

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