

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>Dong-ki MIN</td><td>03/18/2008</td></tr><tr><td>Seung-bum HONG</td><td>03/18/2008</td></tr><tr><td>Byung-kyu LEE</td><td>03/18/2008</td></tr><tr><td>Jin-seung SOHN</td><td>03/18/2008</td></tr></tbody></table>	Name	Execution Date	Dong-ki MIN	03/18/2008	Seung-bum HONG	03/18/2008	Byung-kyu LEE	03/18/2008	Jin-seung SOHN	03/18/2008	
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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>12055344</td></tr></tbody></table>	Property Type	Number	Application Number:	12055344							
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Application Number:	12055344										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Darryl Mexic										
Total Attachments: 1											

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PATENT
REEL: 020700 FRAME: 0780

Assignment

Whereas, We, Dong-ki MIN, Seung-bum HONG, Byung-kyu LEE, and Jin-seung SOHN of Seoul, Republic of Korea, Seongnam-si, Gyeonggi-do, Republic of Korea, Seoul, Republic of Korea, and Seoul, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in BIT PATTERNED MEDIUM, READING HEAD FOR READING DATA RECORDED ON BIT PATTERNED MEDIUM, AND HARD DISK DRIVE FOR RECORDING/READING DATA ON/FROM BIT PATTERNED MEDIUM and executed an application for Letters Patent of the United States of America therefor on 18/March/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: 18/March/2008 W. Min
a/Dong-ki MIN
Date: 18/March/2008 Am
a/Seung-bum HONG
Date: 18/March/2008 W. Lee
a/Byung-kyu LEE
Date: 18/March/2008 J. Sohn
a/Jin-seung SOHN

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