PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sang-hoon LEE	09/03/2009
Se-wook NA	09/03/2009
In-sik RYU	09/03/2009

RECEIVING PARTY DATA

Name:	SAMSUNG Electronics Co., Ltd.	
Street Address:	416 Maetan-dong, Yeongtong-gu	
City:	Suwon-si, Gyeonggi-do	
State/Country:	REPUBLIC OF KOREA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12557606

CORRESPONDENCE DATA

Fax Number: (202)775-1901

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-775-1900

Email: patent@snkiplaw.com

Correspondent Name: STANZIONE & KIM, LLP

Address Line 1: 919 18TH STREET, N.W.

Address Line 2: SUITE 440

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006

ATTORNEY DOCKET NUMBER: 201-1099

NAME OF SUBMITTER: Seungman Kim

Total Attachments: 1

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OP \$40.00 1

PATENT REEL: 023217 FRAME: 0235

Docket No.: 201-1099

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1,00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (insen Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG Electronics Co., Ltd. 416 Maetan-dong, Yeongtong-gu Suwon-si, Gyconggi-do Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

HYBRID HARD DISK DRIVE TO RAPIDLY READ FILES HAVING SPECIFIED CONDITIONS, METHOD OF CONTROLLING THE HYBRID HARD DISK DRIVE, AND RECORDING MEDIUM FOR THE HYBRID HARD DISK DRIVE

elating to International Patent Application PCT	n executed, was:
p) executed on	(Insert date of execution of application, if not concurrent)
(b) [iled on	*** Any registered attorney of Stanzione & Kim, LLP, 919 18th Street, N.W., Washington, D.C. 2000s, is hereby authorized to insert in
1 A	section (b) above the specified data, when known.
	of the United States granted on said application and any continuation, division, renewal based thereon, for the full term or terms for which the said Lenters Patent(s) may be collectively, hereinafter, "said application(s) and Leuers Patent(s)").
The ASSIGNOR agree(s), when requested ASSIGNEE, to do all acts which the ASS maintaining and enforcing protection for application(s) and the issuance of said Let	d by said ASSIGNEE and without charge to but at the expense of said IGNEE may deem necessary, desirable or expedient, for securing, said invention, including in the preparation and prosecution of said tters Patent(s), in any interference, reissue, reexamination, or public use legal proceeding which may arise or be declared in relation to same, such acts all papers, including separate assignments and declarations, taking all rightful
IN WITNESS WHEREOF, the undersign	ned inventor(s) has (have) affixed his/her/their signature(s).
(Typed Name & Signature of Inventor(s))	(Date)
1) Lee, Songton Sang-hoon LEE	3/September/2009
	3/sep/2009
3) <u>In-Sik, RYU</u> In-sik RYU	3/September/2009
4)	

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RECORDED: 09/11/2009

PATENT REEL: 023217 FRAME: 0236