

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Kyung Ho KIM</td> <td>11/02/2010</td> </tr> <tr> <td>Ha Yong KIM</td> <td>11/02/2010</td> </tr> <tr> <td>Kyu Nam CHO</td> <td>11/02/2010</td> </tr> <tr> <td>Yong-Soo KIM</td> <td>11/02/2010</td> </tr> </tbody> </table>		Name	Execution Date	Kyung Ho KIM	11/02/2010	Ha Yong KIM	11/02/2010	Kyu Nam CHO	11/02/2010	Yong-Soo KIM	11/02/2010
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Yong-Soo KIM	11/02/2010										
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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13006557</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13006557						
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Total Attachments: 1 source=Assignment#page 1.tif											

CH \$40.00 13006557

PATENT

501406260

REEL: 025639 FRAME: 0241

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 (insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG Electronics Co., Ltd.
416 Maetan-dong, Yeongtong-gu
Suwon-si, Gyeonggi-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

METHOD OF CENTERING A DISK OF HARD DISK DRIVE

relating to International Patent Application PCT _____ / _____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on _____

Serial No. _____ / _____; *** Any registered attorney of Stanzione & Kim, LLP, 919 18th Street, N.W., Washington, D.C. 20006, is hereby authorized to insert in section (b) above the specified data, when known.***

and to said application and all Letters patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/hcr/their signature(s).

(Typed Name & Signature of Inventor(s)) (Date)

- 1) Kyungho Kim 2010. 11. 02
Kyung Ho Kim
- 2) HA YONG KIM 2010/11/02
Ha Yong KIM
- 3) Kyu Nam Cho 2010/11/02
Kyu Nam CHO
- 4) Yong-Soo KIM 2010/11/02
Yong-Soo KIM