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U.S. DEPARTMENT OF COMMERCE

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2001 Staas & Halsey LLP	PATENTS CYSE	
To the Honorable Commissioner of	of Patents and Trademarks: Please record the attached original documents or copy thereof.	***************************************
<ol> <li>Name of conveying p</li> </ol>		

Do-wan KIM

6.18-03

2. Name and Address of receiving party(ies):

SAMSUNG ELECTRONICS CO., LTD. 416 Maetan-dong, Paldal-gu Suwon City, Kyungki-do Republic of Korea



	3.	Nature of conveyance:
		X Assignment Merger
		Security Agreement Change of Name
		Other:
		Execution Date(s): June 12, 2003
		11/16/2029
	4.	Application number(s) or patent number(s): // // // // // // // // // // // // //
		This document is being filed together with a new application:
		<ul> <li>(a) The execution date(s) of the application is/are: <u>June 12, 2003</u></li> <li>(b) The title is:DISK SPACER FOR HARD DISK DRIVE</li> </ul>
		OR
		This document is being filed after filing of the application:
		(a) Patent Application No(s)/, filed; or
		(b) Patent No(s). , issued .
	5.	Name and address of party to whom correspondence concerning document should be mailed:
		STAAS & HALSEY LLP Our Docket: 1293.1868
		Attention: James G. McEwen
		700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001
		Washington, D.C. 20001
	6.	Total number of applications and patents involved:1
	7	T-4-1 for (27 OFD 2 44)
	7.	Total fee (37 CFR 3.41) (\$ 40.00 per Assignment)  X Enclosed
		X Enclosed Authorized to be charged to deposit account.
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_	8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)
		(Attach duplicate copy of this page if paying by deposit account)
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- 1	9.	Statement and signature.
1		To the best of my knowledge and belief, the foregoing information is true and correct and any attached
06/19/2	2003 SDIR	copy is a true copy of the original document.
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Ì		G. McEwen, Reg. No. 41,983
1	Name	of Person Signing // Signature Date
		Total number of pages including cover sheet: _2
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PATENT

**REEL: 014198 FRAME: 0733** 

## **U.S. ASSIGNMENT**

S&H 1/00

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))

nereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sell assigned to the entire and exclusive right, title and interest to the invention entitled [File of Invention] DISK SPACER FOR HARD DISK DRIVE  **Elating to International Patent Application PCT/ and/or for which application for Letters Patent executed on even date herewith or, if not so executed, was:  (a) executed on [12 June 2003]	of the United States was t concurrent) Y LLP, 700 Eleventh Street,		
(a) executed on	t concurrent) Y LLP, 700 Eleventh Street,		
(a) executed on	t concurrent) Y LLP, 700 Eleventh Street,		
Serial No. / ;   N.W., Washington, D.C. 20001 (202/434-150)  Insert in (b) the specified data, when known.  In the said application and all Letters Patent(s) of the United States granted on said application and any continue issue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may 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 thich the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protectively in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interaction, or public use proceeding, and in any litigation or other legal proceeding which may arise or be set to include but not be limited to executing all papers, including separate assignments and declarations, taking all respectively.	Y LLP, 700 Eleventh Street, 10) is hereby authorized to		
issue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may 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 thich the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protectically in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interaction, or public use proceeding, and in any litigation or other legal proceeding which may arise or be sets to include but not be limited to executing all papers, including separate assignments and declarations, taking all respectively.	Any registered attorney of STAAS & HALSEY LLP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.		
IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).	be granted and including  ASSIGNEE, to do all acts on for said invention, terference, reissue, declared in relation to same, su		
(Typed Name & Signature of Inventor(s))  12 June 2003	Signature of Witness(es))		
Do-wan Kim			
)	Total Adversaria		

**RECORDED: 06/18/2003** 

PATENT REEL: 014198 FRAME: 0734