08-03-1998

FORM **PTO-1595** (Rev. 6-93) OMD No. 0651-0011 (exp. 4/94)



U.S. DEPARTMENT OF COMME Patent and Trademark Of

100779976

4	To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.		
α_{λ}	1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
1	Pyongwon Yim; Hae Sung Kwon; Tho Pham; Hyung Jai Lee	Name: SAMSUNG ELECTRONICS CO., LTD.	
"		Internal Address:	
6	Additional name(s) of conveying party(ies) attached?		
''	No Yes		
Q	Nature of Conveyance:		
7	⊠ Assignment ☐ Merger	Street Address: 416, Maetan-Dong, Paldal-Gu,	
0	☐ Security Agreement ☐ Change of Name	Suwon City, Kyungki-Do, Korea	
	Other	City: State: ZIP:	
	Execution Date: <u>07/09/98</u> , <u>07/14/98</u> ,	Additional name(s)& address(es) attached? ⊠ No ☐ Yes	
4. Application number(s) or patent number(s):			
		oplication, the execution date of the application is: $07/09/98$	
	A. Patent Application No.(s)	B. Patent No.(s) 07/14/98	
:			
	Additional numbers attached?		
	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
	Name: Blakely, Sokoloff, Taylor & Zafman	7. Total Fee (37 CFR 3.41)\$ 40.00	
	Internal Address:	⊠ Enclosed	
	Street Address: 12400 Wilshire Boulevard, 7th Floor	Authorized to be charged to deposit account	
		Ŭ,	
	City: Los Angeles State: CA ZIP: 90025	Deposit Account Number:	
		02-2666	
		(Attach duplicate copy of this page if paying by deposit account)	
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W199	PSTNIBAC 0000076 09118593 DO NOT USE THIS SPACE		
C:581	40.00 69		
.==3	9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original		
-	document.		
l			
	Ben J. Yorks, Reg. No. 33,609	July 17, 1998	
	Name of Person Signing	Signature Date	
	Total number of pages including cover		
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Mail documents to be recorded with required cover sheet information to: Assistant Commissioner of Patents, Box Assignments Washington, D.C. 20231

Attorney Docket No. 002410.P044 (5/27/97)

> **PATENT** REEL: 9346 FRAME: 0995





Our Reference No.: 002410.P044

ASSIGNMENT

WHEREAS, We, Pyongwon Yim; Hae Sung Kwon; Tho Pham and Hyung Jai Lee, have invented certain new and useful improvements disclosed in an application for a United States Patent titled <u>A BALANCE TUBE FOR A SPINDLE MOTOR ASSEMBLY OF A HARD DISK DRIVE</u> and executed by me, on even dated herewith,

AND WHEREAS, SAMSUNG ELECTRONICS CO., LTD., and having an address of 416, Maetan-Dong, Paldal-Gu, Suwon City, Kyungki-Do, Korea (hereafter, together with my successors, legal representatives of assigns thereof, called "Assignee") wants to acquire the entire right, title and interest in and to said improvements and application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I have assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee the entire right, title and interest in and to said imprints, and said application and all divisions, substitutions, continuations and continuation in-part-In-part thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in my foreign countries, and all patents (including all extensions, renewals and reissues thereof) granted for said improvements in my foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and our officials of foreign countries whose duty is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment;

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, my agreement in conflict herewith;

AND I HEREBY further covenant and agree that I will communicate to Assignee any facts known to me respecting said improvements, and testify in our legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute and reissue applications, make all rightful Oaths and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements; In all countries.

IN TESTIMONY WE	HEREOF, I hereunto set my hand this 9 th day of			
Date: 7/9/98	Pyongwon Yim Program University			
STATE OF CALIFORNIA)			
COUNTY OF) ss.)			
On				
	Notary Public			

PATENT REEL: 9346 FRAME: 0996

Our Reference No.: 002410.P044

IN TESTIMONY WHEREOF, I	hereunto set my hand this		
Date: 7-9-98	Hae Sung Kwon		
STATE OF CALIFORNIA)		
COUNTY OF) ss. _)		
On	e the undersigned, a Notary Public for the State, known to me or e to be the person whose name is subscribed to executed the same.		
	Notary Public		
IN TESTIMONY WHEREOF, II	hereunto set my hand this _9+10day of		
Date: $9-9-98$	Tho Pham		
STATE OF CALIFORNIA)		
COUNTY OF) ss. _)		
On			
	Nickers Dellis		
IN TESTIMONY WHEREOF, II July 1998 Date: 7-14-95	Notary Public hereunto set my hand this 14th day of Hyung Jai Lee		
STATE OF CALIFORNIA)		
COUNTY OF) ss. _)		
On	e the undersigned, a Notary Public for the State		
	Notary Public		

PATENT

REEL: 9346 FRAME: 0997