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02-05-1999



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

Recordation Form Cover :
PATENTS ONLY

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Keung Young Cho

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

Name: **Samsung Electronics, North America**

Internal Address:

Additional name(s) of conveying party(ies) attached?

☒ No ☐ Yes

MRD 1-27-99

Street Address: **416, Maetan-Dong, Paldal-Gu**

3. Nature of Conveyance:

☒ Assignment

☐ Change of Name

☐ Security Agreement

☐ Other

☐ Merger

City: **Suwon City** State: **Kyungki-Do**

Country: **KOREA**

Execution Date: **08/11/98**

Additional name(s) & address(es) attached? ☒ No ☐ Yes

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

08/11/98

A. Patent Application No.(s)

09/132,198

B. Patent No.(s)

Additional numbers attached?

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Blakely, Sokoloff, Taylor & Zafman LLP**

Internal Address:

Street Address: **12400 Wilshire Boulevard**
7th Floor

City: **Los Angeles** State: **CA** ZIP: **90025**

6. Total number of applications and patents involved:

1

7. Total Fee (37 CFR 3.41).....\$ **40.00**

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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.

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Kimberley G. Nobles
Name of Person Signing

Signature

1/25/99
Date

Total number of pages including cover sheet, attachments, and document: **3**

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.P046**

PATENT
REEL: 9533 FRAME: 0757

09132198

08-24-1998



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

100798790

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Keung Young Cho

Additional name(s) of conveying party(ies) attached?
☒ No ☐ Yes

2. Name and address of receiving party(ies):
Name: **Samsung Electronics, North America**
Internal Address: _____
Street Address: **3655 North First Street**
City: **San Jose** State: **CA** ZIP: **95134-1**
Additional name(s) & address(es) attached? ☐ No ☐ Yes

3. Nature of Conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____
Execution Date: **08/04/98**

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: **08/04/98**
A. Patent Application No.(s) _____ B. Patent No.(s) _____
Additional numbers attached? _____

5. Name and address of party to whom correspondence concerning this application should be mailed:
Name: **Blakely, Sokoloff Taylor & Zafman**
Internal Address: _____
Street Address: **12400 Wilshire Boulevard, 7th Floor**
City: **Los Angeles** State: **CA** ZIP: **90025**

6. Total number of applications and patents involved: **1**
7. Total Fee (37 CFR 3.41).....\$ **40.00**
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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.

Kimberley G. Nobles, Reg. No. 38,255
Name of Person Signing _____ Signature _____ Date **8/11/98**
Total number of pages including cover sheet, attachments, and document: **3**

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Assistant Commissioner of Patents, Box Assignments
Washington, D.C. 20231

Attorney Docket No. **002410.P046**
(5/27/97)

PATENT
REEL: 9533 FRAME: 0758

ASSIGNMENT

WHEREAS, I, **Keung Youn Cho**, have invented certain new and useful improvements disclosed in an application for a United States Patent titled **METHOD AND APPARATUS FOR PROVIDING SERVO INFORMATION ON A DISK IN A HARD DRIVE ASSEMBLY** 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 WHEREOF, I hereunto set my hand this _____ day of _____ 1998

Date: 8/4/98



Keung Youn Cho

STATE OF CALIFORNIA)

COUNTY OF _____)

ss.

On _____, 1998 before the undersigned, a Notary Public for the State and County aforesaid, personally appears Kelly Williams, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he executed the same.

Notary Public

P
W
D



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

ENTERED

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NOVEMBER 20, 1998

STATUS DB-LAP
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

KIMBERLEY G. NOBLES

12400 WILSHIRE BOULEVARD, 7TH FLOOR NOV 28 1998
LOS ANGELES, CA 90025

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Samsung
Electronics
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
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PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
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SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/11/1998

REEL/FRAME: 9392/0811
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHO, KEUNG YOUNG

DOC DATE: 08/04/1998

ASSIGNEE:

SAMSUNG ELECTRONICS, NORTH AMERICA
3655 NORTH FIRST STREET
SAN JOSE, CALIFORNIA 95134-1

SERIAL NUMBER: 09132198

FILING DATE: 08/11/1998

PATENT NUMBER:

ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

PATENT
REEL: 9533 FRAME: 0760

to:

Samsung Electronics Co., LTD.
416, Maetan-Dong, Paldal-Gu
Suwon City, Kyungki-Do
Republic of Korea

Attached are copies of the Notice of Recordation, the Assignment, and PTO
Form 1595.

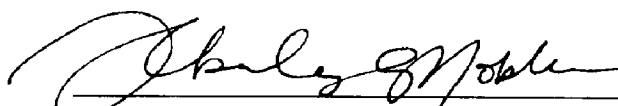
Please charge or credit any fee in connection with this request to Deposit
Account No. 02-2666. A duplicate copy of this sheet is enclosed for this purpose.

Applicant's undersigned attorney may be reached at our Costa Mesa office by
telephone at (714) 557-3800. All correspondence should continue to be directed to
our below-listed address.

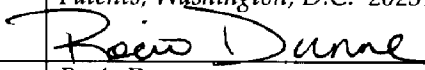
Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Dated: 1/22/99



KIMBERLEY G. NOBLES
Reg. No. 38,255

	<u>CERTIFICATE OF MAILING</u>
12400 Wilshire Boulevard, Seventh Floor Los Angeles, California 90025 (714) 557-3800	<i>I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on: January 25, 1999.</i>
	 Rocio Dunne Date <u>1/25/99</u>