

06-03-1999

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



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

101023348

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 Co., LTD

Internal Address:

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

No Yes

3. Nature of Conveyance: 3-22-99

Assignment Change of Name

Security Agreement

Other

Merger

Street Address: 416, Maetan-Dong, Paldal-Gu, Suwon City, Kyungki-Do, Korea

City: State: ZIP:

Execution Date: 08/04/98

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: 08/04/98

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

Enclosed

Authorized to be charged to deposit account

8. Deposit Account Number:

02-2666

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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.

03/26/1999 DNGUYEN 00000336 022666 09132198

01 FC:581 40.00 CH

40E NO SPEC Fee

Kimberley G. Nobles, Reg. No. 38,255

Name of Person Signing

Signature

3/18/99

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: 9828 FRAME: 0917

NON MICRO FILM This Page
make this your Brief

Corrective assignment to correct the name of the assignee, filed on 1-27-99
recorded on reel frame assignor hereby confirms the assignment of the
entire interest.

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9533

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0757

corrective

02-05-1999



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

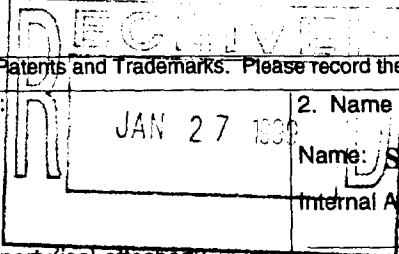
Recordation Form Cover :
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ERCE
Office

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**

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09/132,198

B. Patent No.(s)

Additional numbers attached?

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Internal Address: _____

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7th Floor

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

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(Attach duplicate copy of this page if paying by deposit account)

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**40E
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Fee**

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01/29/1999 JSWABAZZ 00000011 022666 09132198

01 FC:581 40.00 CH

Kimberley G. Nobles
Name of Person Signing

1/29/99
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: 9828 FRAME: 0919

A S S I G N M E N T

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:

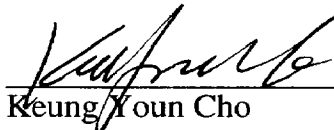
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I have assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee the entire right, title and interest in and to said imprints, and said application and all divisions, 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)
) ss.
COUNTY OF _____)

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