

RECORDATION FORM COVER SHEET
PATENTS ONLY

Assistant Commissioner for Patents: Please record the attached original document.

1. Name of conveying party(ies): Youmin Liu; Vidyadhara K. Gubbi; Chung Shih

2. Name and address of receiving party(ies): Sagate Technology, Inc. 920 Disc Drive, P.O. Box 66360 Scotts Valley, CA 95067-0360

Additional name(s) attached? [ ] Yes [x] No

Additional names/addresses attached? [ ] Yes [x] No

3. Nature of conveyance: [x] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other:

01-14-1999



100942226

Execution Date: 11/04/98 (Liu); 11/05/98 (Gubbi); 11/13/98 (Shih)

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

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

A. Patent Application No.(s): 09/179,208

B. Patent No.(s):

Additional numbers attached? [ ] Yes [x] No

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

Samuel Borodach Fish & Richardson P.C. 45 Rockefeller Plaza New York, NY 10111

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

[x] Enclosed [ ] Authorized to charge deposit account

8. Deposit account number: 06-1050

If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.

Samuel Borodach

Name of Person Signing

[Signature]

Signature

1/11/99

Date

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

01/14/1999 TTON11 00000020 09179208

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Date of Deposit January 11, 1999

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

[Signature]

VALENTIN FLOVERO

PATENT

REEL: 9690 FRAME: 0355

## ASSIGNMENT

For valuable consideration, we, **Youmin Liu** of 1072 Colorado Place, Palo Alto, California 94303, **Vidyadhara K. Gubbi** of 2324 Dubois Street, Milpitas, California 95035, and **Chung Y. Shih** of , 10069 Oakleaf Place, Cupertino, California 95014, hereby assign to **Seagate Technology, Inc.**, a Delaware corporation having a place of business at 920 Disc Drive, P.O. Box 66360, Scotts Valley, California 95067-0360, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled

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filed 10/27/98, and assigned U.S. Serial Number 09/179,208, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at 155 S. Milpitas Blvd. Milpitas, CA 95035, this 4<sup>th</sup> day of November, 1998

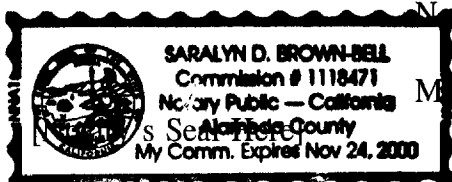
[Signature] L.S.  
Youmin Liu

STATE OF California :

COUNTY OF Santa Clara : :ss.

Before me this 4<sup>th</sup> day of November, 1998, personally appeared Youmin Liu, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

[Signature]  
Notary Public



My Commission Expires: November 24, 2000

(continued)

IN WITNESS WHEREOF, I hereto set my hand and seal at 155 S. Milpitas Blvd. Milpitas, CA 95035  
this 5<sup>th</sup> day of November, 1998

Vidyadhara K. Gubbi L.S.  
Vidyadhara K. Gubbi

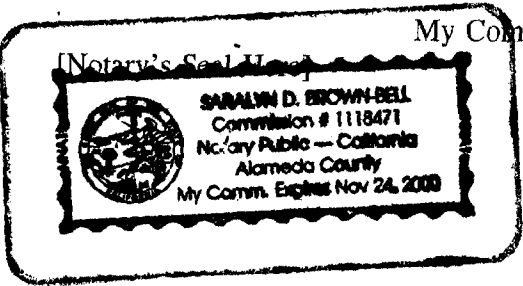
STATE OF California :

COUNTY OF Santa Clara : ss.

Before me this 5<sup>th</sup> day of November, 1998, personally appeared Vidyadhara K. Gubbi, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Saralyn D. Brown-Bell  
Notary Public

My Commission Expires: November 24, 2000



IN WITNESS WHEREOF, I hereto set my hand and seal at 155 S. Milpitas Blvd. Milpitas, CA 95035  
this 13<sup>th</sup> day of November, 1998

Chung Y. Shih L.S.  
Chung Y. Shih

STATE OF California :

COUNTY OF Santa Clara : ss.

Before me this 13<sup>th</sup> day of November, 1998, personally appeared Chung Y. Shih, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Saralyn D. Brown-Bell  
Notary Public

My Commission Expires: November 24, 2000

