

# RECORDATION FORM COVER SH PATENTS ONLY

03-31-1999



Assistant Commissioner for Patents: Please record the attached original document

1. Name of conveying party(ies):

**Peter R. Segar; Bal K. Gupta; Jeffery K. Berkowitz; Sanghamitra Sahu**

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

**Seagate Technology, Inc.  
920 Disc Drive, P.O. Box 66360  
Scotts Valley, CA 95067-0360**

Additional name(s) attached? ☐ Yes ☒ NoAdditional names/addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other:

Execution Date: **03/15/99 (Segar); 02/05/99 (Gupta); 03/09/99 (Berkowitz); 03/12/99 (Sahu)**

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):

**09/237,530**

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ 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**

- ☒ 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.

DO NOT USE THIS SPACE

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

**3/23/99**

Date

Total number of pages including cover sheet, attachments, and document: **7**

Date of Deposit

**March 23, 1999**

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Shalee Maher*

PATENT

REEL: 9847 FRAME: 0922

3.26.99

03/30/1999 JSHABAZZ 00000176 09237530  
01 FC:581 40.00 DP

# ASSIGNMENT

For valuable consideration, we, **Peter R. Segar** of 13840 Sunset Lake Drive, Burnsville, MN 55337; **Bal K. Gupta** of 4356 Dieavila Avenue, Pleasanton, CA 94588; **Jeffery K. Berkowitz** of 734 Debbie Lane, Carver, MN 55315; and **Sanghamitra Sahu** of 7360 Gallagher Drive, Apt. 301A, Edina, MN 55435 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

## ION BEAM TREATMENTS FOR MAGNETIC RECORDING HEADS AND MAGNETIC RECORDING MEDIA

filed January 27, 1999, and assigned U.S. Serial Number 09/237,530, 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 1701 Computer Avenue South,  
this 13th day of March, 1999 Burnsville, MN

Peter R. Segar L.S.

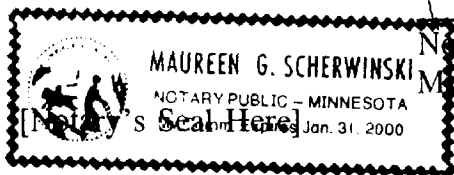
STATE OF Minnesota:

COUNTY OF Hennepin:  
:ss.

Before me this 13th day of March, 1999, personally appeared  
Peter R. Segar, 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.

Maureen Scherwinski  
Notary Public

My Commission Expires:



IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 1999

\_\_\_\_\_  
Bal K. Gupta L.S.

STATE OF \_\_\_\_\_:  
\_\_\_\_\_  
COUNTY OF \_\_\_\_\_: ss.

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 1999, personally appeared  
Bal K. Gupta, 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.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at 7801 Computer Av. S. Bloomington MN  
this 7th day of March, 1999

\_\_\_\_\_  
Jeffery K. Berkowitz L.S.

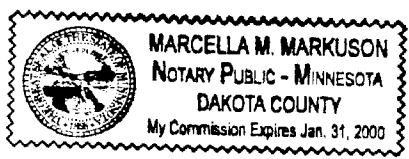
STATE OF Minnesota:  
\_\_\_\_\_  
COUNTY OF Hennepin: ss.

Before me this 9th day of March, 1999, personally appeared  
Jeffery K. Berkowitz, 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.

\_\_\_\_\_  
Marcella M. Markus  
Notary Public

My Commission Expires: 01/31/2000

[Notary's Seal Here]



IN WITNESS WHEREOF, I hereto set my hand and seal at 7801 Computer Ave. S. Bloomington MN 55435  
this 12th day of March, 1999

Sanghamitra Sahu \_\_\_\_\_ L.S.  
Sanghamitra Sahu

STATE OF Minnesota :

COUNTY OF Hennepin : SS.

Before me this 12th day of March, 1999, personally appeared  
Sanghamitra Sahu, 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.

Marcella M. Markuson  
Notary Public

My Commission Expires: 01/31/2000

[Notary's Seal Here]



48001.N11

# ASSIGNMENT

For valuable consideration, we, **Peter R. Segar** of 13840 Sunset Lake Drive, Burnsville, MN 55337; **Bal K. Gupta** of 4356 Dieavila Avenue, Pleasanton, CA 94588; **Jeffery K. Berkowitz** of 734 Debbie Lane, Carver, MN 55315; and **Sanghamitra Sahu** of 7360 Gallagher Drive, Apt. 301A, Edina, MN 55435 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

## ION BEAM TREATMENTS FOR MAGNETIC RECORDING HEADS AND MAGNETIC RECORDING MEDIA

filed January 27, 1999, and assigned U.S. Serial Number 09/237,530, 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 \_\_\_\_\_,

this \_\_\_\_\_ day of \_\_\_\_\_, 1999

\_\_\_\_\_  
Peter R. Segar

L.S.

STATE OF \_\_\_\_\_:

:ss.

COUNTY OF \_\_\_\_\_:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 1999, personally appeared

Peter R. Segar, 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.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Fremont, California,  
this 5th day of Feb., 1999

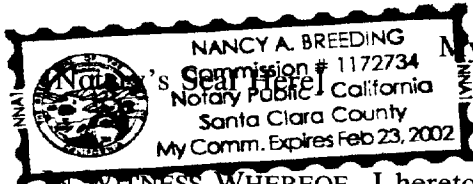
BK Gupta L.S.  
Bal K. Gupta

STATE OF California:

COUNTY OF SANTACLAARA: ss.

Before me this 5 day of FEBRUARY 1999, personally appeared  
Bal K. Gupta, 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.

Nancy A. Breeding  
Notary Public



My Commission Expires: 2/23/02

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 1999

\_\_\_\_\_  
Jeffery K. Berkowitz

STATE OF \_\_\_\_\_:

COUNTY OF \_\_\_\_\_: ss.

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 1999, personally appeared  
Jeffery K. Berkowitz, 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.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]