

05-01-2001

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101696939

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

1. Name of conveying party(ies):

Todd David Baumann  
EweChye Tan

4.17.01

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

Seagate Technology LLC  
920 Disc Drive  
Scotts Valley, CA 95067JC971 U.S. PTO  
09/836572  
04/17/01Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: April 16, 2001

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: April 16, 2001

A. Patent Application No.(s)

B. Patent No.(s)

09836572

Additional numbers attached? ☐ Yes ☒ No

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

Name: John R. Wahl  
Address: Merchant & Gould P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903

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. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John R. Wahl

Name of Person Signing

Signature

April 17, 2001

Date

Total number of pages including cover sheet, attachments, and document: 4

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

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04/30/2001 010M1 00000185 09836572

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PATENT  
REEL: 011732 FRAME: 0538

### ASSIGNMENT

WHEREAS, we, Todd David Baumann, residing at 4616 Meining Road; Berthoud, Colorado 80513, USA, and EweChye Tan, residing at 500 Lashley Street, #57, Longmont, Colorado 80501, USA, are the inventors of an invention entitled METHOD AND APPARATUS TO ENCODE POSITION ERROR SIGNAL CORRECTION INFORMATION that is the subject matter for: an application for Letters Patent, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. \_\_\_\_\_, filed \_\_\_\_\_.

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under and by virtue of the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California 95067 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and serial numbers of the application when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above-identified international application and any international application for the invention.

We represent to the Assignee, its successors and assigns, that we have not and shall not

execute any writing or do any act whatsoever conflicting with this Assignment. We and our executors or administrators will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference litigation or proceeding.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of


April, 2001.

Todd David Baumann  
Todd David Baumann

STATE OF Colorado )  
 )ss:  
COUNTY OF Boulder )

On this 16<sup>th</sup> day of April, 2001, before me personally appeared Todd David Baumann to me known to be the person described in, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12<sup>th</sup> day of

April, 2001.

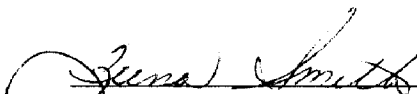


EweChye Tan

STATE OF Colorado )  
 )ss:  
COUNTY OF Boulder )

On this 12<sup>th</sup> day of April, 2001, before me personally appeared EweChye Tan to me known to be the person described in, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

  
Notary Public

## ASSIGNMENT

WHEREAS, we, Todd David Baumann, residing at 4616 Meining Road; Berthoud, Colorado 80513, USA, and EweChye Tan, residing at 500 Lashley Street, #57, Longmont, Colorado 80501, USA, are the inventors of an invention entitled METHOD AND APPARATUS TO ENCODE POSITION ERROR SIGNAL CORRECTION INFORMATION that is the subject matter for: an application for Letters Patent, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. \_\_\_\_\_, filed \_\_\_\_\_.

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under and by virtue of the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California 95067 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and serial numbers of the application when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above-identified international application and any international application for the invention.

We represent to the Assignee, its successors and assigns, that we have not and shall not

execute any writing or do any act whatsoever conflicting with this Assignment. We and our executors or administrators will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference litigation or proceeding.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of April, 2001.

Todd David Baumann  
Todd David Baumann

STATE OF Colorado )  
 )ss:  
COUNTY OF Boulder )

On this 16th day of April, 2001, before me personally appeared Todd David Baumann to me known to be the person described in, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

James Smith  
Notary Public

[SEAL]

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12<sup>th</sup> day of

April, 2001.

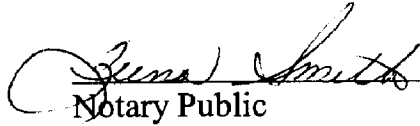


EweChye Tan

STATE OF Colorado )  
 )ss:  
COUNTY OF Boulder )

On this 12<sup>th</sup> day of April, 2001, before me personally appeared EweChye Tan to me known to be the person described in, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

  
Notary Public