

11/7/03

11-12-2003



102597671

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

1. Name of conveying party(ies):

Declan Macken
Jeremy Adam Thurn
Mallika Kamarajugadda
Michael Christopher Kautzky

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

Seagate Technology LLC
920 Disc Drive
Scotts Valley, California 95067

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

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

3. Nature of conveyance:

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

Execution Date: October 14, 2003; October 13, 2003; October 8, 2003; October 9, 2003

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:

A. Patent Application No.(s)

10/607,894

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: John R. Wahl, Esq.
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 J. Gresens

Name of Person Signing

Signature

November 4, 2003

Date

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PATENT TRADEMARK OFFICE

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ASSIGNMENT

WHEREAS, we, Declan Macken, residing at 14572 Rosewood Road N.E., Prior Lake, Minnesota 55372; Jeremy Adam Thurn, residing at 4158 Rahn Road #5, Eagan, Minnesota 55122; Mallika Kamarajugadda, residing at 5220 Lincoln Drive #327, Edina, Minnesota 55436, and Michael Christopher Kautzky, residing at 4143 Cashell Glen, Eagan, Minnesota 55122 are the inventors of an invention entitled NEGATIVE THERMAL EXPANSION DIELECTRICS FOR THERMAL POLE TIP PROTRUSION COMPENSATION that is the subject matter of

a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Serial No. 60/419,924, filed October 21, 2002;

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. 10/607,894, filed June 27, 2003; and

an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving office by Application No. , filed on ; and

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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13th day of

October, 2003.

Jeremy Adam Thurn
Jeremy Adam Thurn

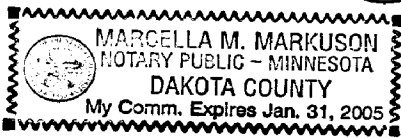
STATE OF Minnesota)

)ss:

COUNTY OF Hennepin)

On this 13th day of October, 2003, before me personally appeared Jeremy Adam Thurn 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]



Marcella M. Markuson
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8th day of

October, 2003.

Mallika
Mallika Kamarajugadda

STATE OF MINNESOTA)

)ss:

COUNTY OF HENNEPIN)

On this 8th day of October, 2003, before me personally appeared Mallika Kamarajugadda 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]



Teddy Copley
Notary Public

