

01-28-2003

**PATENT REC  
COV**



102349989

Attorney Docket No.: 169.12-0536 -- bmg

To the Commissioner for Patents: Please record the attached original document or copy thereof.

11000 U.S. PTO  
10/348386  
01/21/03

1. Name of conveying party(ies):

- (1) Mai Abdelhamid Ghaly
- (2) David James Larson
- (3) Paul Edward Anderson
- (4) Kristin J. Duxstad
- (5) Brenda Anne Everitt
- (6) Patrick John Moran
- (7) Eric Walter Singleton

*01/21/03*

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

Name: Seagate Technology, L.L.C.

Internal Address: \_\_\_\_\_

Street Address: 920 Disc Drive

City: Scotts Valley, State: CA ZIP 95066

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

3. Nature of Conveyance:

- Assignment     Merger     Security Agreement  
 Change of Name     Other \_\_\_\_\_

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

Execution Date: January 9, 2003

4A. Application No.(s)

If this document is being filed together with a new application, the execution date(s) of the application is: January 9 and 10, 2003

4B. Patent No.(s)

Additional numbers attached?  Yes  No

Additional numbers attached?  Yes  No

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

Name: Dina M. Colling  
Street Address: Kinney & Lange, P.A.,  
32 South Third Street  
City: Minneapolis State: MN ZIP 55415-1002

6. Total number of applications and patents involved: [1]

7. Total fee (37 C.F.R. 3.41):.....\$ 40.00

**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 any attached copy is a true copy of the original document.

*Dina M. Colling*

Jan. 21, 2003

Dina M. Colling

Date

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

01/27/2003 6TOM11 00000215 10348386

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**ASSIGNMENT**

Attorney Docket No. : 169.12-0536

Seagate Docket No. : STL 10848.00

WHEREAS, we Mai Abdelhamid Ghaly, 6959 W. 83rd Street, Bloomington, MN 55438; David James Larson, 1200 Hawthorne Court, Northfield, MN 55057; Paul Edward Anderson, 2266 Boulder Road, Chanhassen MN 55317; Kristin J. Duxstad, 11067 Bluestem Lane, Eden Prairie, MN 55437; Brenda Anne Everitt, 5213 Washburn Avenue South, Minneapolis, MN 55410; Patrick John Morgan, 9117 Oliver St. South, Bloomington, MN 55431; Steven Barclay Slade, 4893 Country Farms Drive, Fort Collins, CO 80528; and Eric Walter Singleton, 3035 Lakes Shore Avenue, Maple Plain, MN 55359 are the inventor(s) of an invention entitled MAGNETORESISTIVE READ SENSOR WITH SHORT PERMANENT MAGNETS that is the subject matter of: (Check all that apply)

- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 60/380,685 filed on May 14, 2002;
- an application for Letters Patent which has been executed on even date herewith and/or is identifiable in the United States Patent and Trademark Office by Application No. filed on ;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 the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("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.

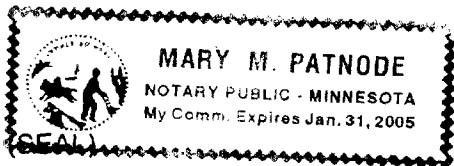
We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, 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, 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.

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[Signature]  
Mai Abdelhamid Ghaly (Inventor)

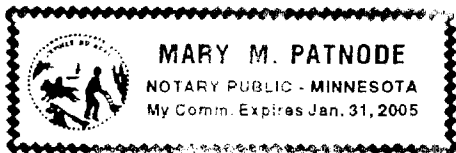
Subscribed and sworn to before me in the State of Minnesota, a Notary Public, this 9<sup>th</sup> day of January, 2003.



Mary M. Patnode  
Notary Public

[Signature]  
David James Larson (Inventor)

Subscribed and sworn to before me in the State of Colorado, a Notary Public, this 9<sup>th</sup> day of January, 2003.

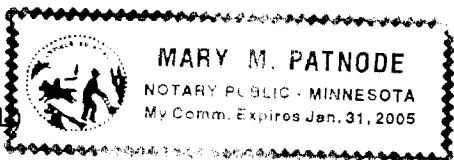


(SEAL)

Mary M. Patnode  
Notary Public

[Signature]  
Paul Edward Anderson (Inventor)

Subscribed and sworn to before me in the State of Minnesota, a Notary Public, this 9<sup>th</sup> day of January, 2003.



(SEAL)

Mary M. Patnode  
Notary Public

[Signature]  
Kristin J. Duxstad (Inventor)

Subscribed and sworn to before me in the State of Minnesota, a Notary Public, this 9<sup>th</sup> day of January, 2003.

(SEAL)

Mary M. Patnode  
Notary Public

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-3-

Macle 1/9/03  
Brenda Anne Everitt (Inventor)

Subscribed and sworn to before me in the State of Minnesota, a Notary Public, this 9th day of January, 2003.



Mary M. Patnode  
Notary Public

Patrick J. Morgan  
Patrick John Morgan (Inventor)

Subscribed and sworn to before me in the State of Minnesota, a Notary Public, this 9th day of January, 2003.



Mary M. Patnode  
Notary Public

Steven Barclay Slade  
Steven Barclay Slade (Inventor)

Subscribed and sworn to before me in the State of Minnesota, a Notary Public, this \_\_\_\_ day of \_\_\_\_\_, 200\_\_.

(SEAL)

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

E-W Singleton  
Eric Walter Singleton (Inventor)

Subscribed and sworn to before me in the State of Minnesota, a Notary Public, this 9th day of January, 2003.



Mary M. Patnode  
Notary Public

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