

PAT

02-02-2005

Attorney Docket No.  
S104.12-0114/STL 12443112914 U.S. PTO  
11/038653To the Honorable  
attached original

102931567

document or copy thereof.

U.S. Patent and Trademark Office: Please refer to

1. Name of conveying party(ies):  
(1) Judy L. WestbyAdditional name(s) of conveying party(ies)  
attached? [ ] Yes [X] No2. Name and address of receiving  
party(ies):Name: Seagate Technology LLCStreet Address: 920 Disc DriveCity Scotts Valley State CA ZIP 95066Additional name(s) & address(es) attached?  
[ ] Yes [X] No

3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement  
☐ Change of Name ☐ Other \_\_\_\_\_Execution Date: January 19, 2005

4A. Application No.(s)

If this document is being filed together with a  
new application, the execution date(s) of the  
application is: January 19, 2005

Additional numbers attached? [ ] Yes [X] No

4B. Patent No.(s)

Additional numbers attached?  
[ ] Yes [ ] No5. Name and address of party to whom corres-  
pondence concerning document should be mailed:Name: David D. Brush  
Street Address: Westman, Champlin & Kelly, P.A.  
Suite 1600  
International Centre  
900 Second Avenue South  
City: Minneapolis State: MN ZIP 554026. Total number of applications and  
patents involved: [1]7. Total fee (37 CFR 3.41):.....\$ 40.00

8. Method of Payment

☒ Enclosed PTO-2038  
☒ The Director is authorized to  
charge payment of any additional  
recording fees or credit any  
overpayment to deposit account  
No. 23-1123.

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.David D. Brush  
Name of Person SigningDavid D. Brush  
Signature1/19/05  
Date

Total number of pages submitted: [2]

## ASSIGNMENT

Attorney Docket No. : S104.12-0114

Seagate Docket No. : STL 12443

WHEREAS, I Judy L. Westby of 7301 Lake Ridge Drive, Savage, Minnesota 55378 and USA am the inventor of an invention entitled SPEED OPTIMIZED ENCODER WITH RUNNING DISPARITY CONSTRAINT 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. \_\_\_\_\_ filed on \_\_\_\_\_;
- ☒ an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_ filed on \_\_\_\_\_, S104.12-0114/STL 12443, and/or executed on even date herewith; 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 Delaware limited liability company corporation, 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, I/we transfer to Assignee, its successors and assigns, my/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 I/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.

I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/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.

I/We represent to the Assignee, its successors and assigns, that I/we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I/We, my/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.

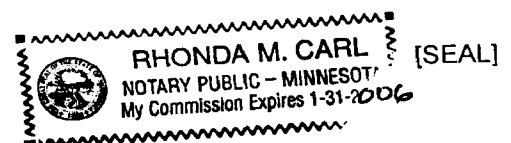
IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of Jan., 2005.

Judy L. Westby  
Judy L. Westby

STATE OF MN )  
 )ss:  
COUNTY OF Scott )

On this 19 day of Jan, 2005, before me personally appeared Judy L. Westby to me known to be identified herein, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes herein set forth.

Rhonda Carl  
Notary Public



PATENT