PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------------|----------------|
| Michael Christopher Kautzky | 06/17/2009 |
| Charles Everett Hawkinson | 06/17/2009 |
| Daniel Paul Burbank | 06/17/2009 |
| John Stuart Wright | 06/17/2009 |

RECEIVING PARTY DATA

| Name: | Seagate Technology LLC | |
|-----------------|------------------------------|--|
| Street Address: | 10200 South DeAnza Boulevard | |
| City: | Cupertino | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 95014 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13914379 |

CORRESPONDENCE DATA

Fax Number: 7202045669

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 720-204-5666

Email: smarkham@holzeriplaw.com

Correspondent Name: HolzerIPLaw, PC
Address Line 1: 216 16th Street
Address Line 2: Suite 1350

Address Line 4: Denver, COLORADO 80202

| ATTORNEY DOCKET NUMBER: | STL 14436.20 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | Shawn Markham |
| Signature: | /Shawn Markham/ |

502378759 REEL: 030581 FRAME: 0669

OP \$40,00 13914379

| Date: | 06/10/2013 |
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| Total Attachments: 5 source=Parent_Assignment#page1.tif source=Parent_Assignment#page2.tif source=Parent_Assignment#page3.tif source=Parent_Assignment#page4.tif source=Parent_Assignment#page5.tif | |

PATENT REEL: 030581 FRAME: 0670

ASSIGNMENT

Attorney Docket No.: S895.12-81 Seagate Docket No.: 14436.00

WHEREAS, we, Michael Christopher Kautzky, of Eagan, MN, U.S.A.; Charles Everett Hawkinson, of Crystal, MN, U.S.A.; Daniel Paul Burbank, of Minneapolis, MN, U.S.A.; and John Stuart Wright, of Minneapolis, MN, U.S.A. am the inventor(s) of an invention entitled 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 by its title and named inventors listed above, 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 Delaware limited liability 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, transfer to Assignee, its successors and assigns, 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 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 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.

I represent to the Assignee, its successors and assigns, that 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.

PATENT REEL: 030581 FRAME: 0671

ASSIGNMENT

Attorney Docket No.: \$895,12-81 Seagate Docket No.: 14436.00

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of 4 day of 2009.

McLad C Kowt La Michael Christopher Kautzky

STATE OF Minnessola)ss.

On this /// day of ______, 2009, before me personally appeared Michael (hristopher fautoly) 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.

SAI RUTH C. ZIBBLE Notary Public-Memorate St. 2010

Notary Public

| IN TESTIMONY WHEREOF, I have hereunto set my hand this 1) day of 500 eq., 2009. |
|---|
| N 1 1 1 1 . |
| The Art |
| Charles Everett Hawkinson |
| STATE OF Minnesota |
| county of <u>Hennepin</u>) |
| On this 17th day of June, 2009, before me personally appeared Charles Evereff Hawkinson to me known to be identified herein, and who executed the |
| (<u>harles Evereff HawKinson</u> 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. |
| 2 1 (2 mag |
| Notary Public |

ASSIGNMENT

Attorney Docket No.: S895.12-81 14436.00 Seagate Docket No. :

IN TESTIMONY WHEREOF, I have hereunto set my hand this ________, 2009.

Daniel B. Burlanh

COUNTY OF Hennepin

day of <u>June</u>, 2009, before me personally appeared __ 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.

| IN TESTIMONY WHEREOF, I have hereunto set my hand this |
|--|
| John Stuart Wright |
| STATE OF Minnesota |
| country of Hennepin)ss. |
| On this 17th day of Tune, 2009, before me personally appeared 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. |
| Notary Public No |
| My Commission Expires Jan 31, 2010 |