

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Margot Ann LaPanse</td> <td>06/11/2013</td> </tr> <tr> <td>Joseph Masaki Baum</td> <td>06/11/2013</td> </tr> <tr> <td>Stanton MacDonough Keeler</td> <td>06/11/2013</td> </tr> <tr> <td>Michael Edward Baum</td> <td>06/11/2013</td> </tr> <tr> <td>Thomas Dale Hosman</td> <td>06/12/2013</td> </tr> <tr> <td>Robert Dale Murphy</td> <td>06/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Margot Ann LaPanse	06/11/2013	Joseph Masaki Baum	06/11/2013	Stanton MacDonough Keeler	06/11/2013	Michael Edward Baum	06/11/2013	Thomas Dale Hosman	06/12/2013	Robert Dale Murphy	06/11/2013
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<table border="1"> <tr> <td>Name:</td> <td>Seagate Technology LLC</td> </tr> <tr> <td>Street Address:</td> <td>10200 South DeAnza Boulevard</td> </tr> <tr> <td>City:</td> <td>Cupertino</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95014</td> </tr> </table>		Name:	Seagate Technology LLC	Street Address:	10200 South DeAnza Boulevard	City:	Cupertino	State/Country:	CALIFORNIA	Postal Code:	95014				
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CORRESPONDENCE DATA															
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 512-921-9069 Email: usptomail@cesari-reed.com Correspondent Name: Cesari & Reed, LLP Address Line 1: PO Box 9669 Address Line 4: Austin, TEXAS 78766															
ATTORNEY DOCKET NUMBER:	1000-STL17727														
NAME OF SUBMITTER:	Kirk A. Cesari														

OP \$40.00 13922921

Signature:	/Kirk A. Cesari/
Date:	06/20/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 7</b> source=2013-06-18_Declaration_STL17727#page1.tif source=2013-06-18_Declaration_STL17727#page2.tif source=2013-06-18_Declaration_STL17727#page3.tif source=2013-06-18_Declaration_STL17727#page4.tif source=2013-06-18_Declaration_STL17727#page5.tif source=2013-06-18_Declaration_STL17727#page6.tif source=2013-06-18_Declaration_STL17727#page7.tif	

## DECLARATION AND ASSIGNMENT

Seagate Docket No. : 1000-STL17727

WHEREAS, Margot Ann LaPanse of 1257 South Mesa Court, Superior, CO, 80027, Joseph Masaki Baum of 5671 Steeplechase Drive, Longmont, CO, 80503, Stanton MacDonough Keeler of 1156 Columbia Drive, Longmont, CO, 80503, Michael Edward Baum of 5671 Steeplechase Drive, Longmont, CO, 80503, Thomas Dale Hosman 3601 East 32nd Street, Edmond, CO, 73013, and Robert Dale Murphy of 1635 Venice Lane, Longmont, CO, 80503 is/are the inventor(s) of an invention entitled CACHE DATA VALUE TRACKING 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 \_\_\_\_\_ 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/or executed on even date herewith:

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 10200 S. De Anza Blvd, Cupertino, CA 95014 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 transfer to Assignee, its successors and assigns, my 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 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. I 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 I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my 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.

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Margot Ann LaPense  
Margot Ann LaPense (Inventor) 6-11-2013

State of Colorado

Date

County of Boulder

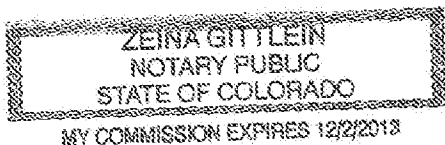
On June 11, 2013 before me, Zeina Gittlein  
(insert name and title of the officer)

personally appeared Margot Ann LaPense (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Colorado that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Zeina Gittlein (Seal)  
Signature of Notary Public



Joseph Masaki Baum  
Joseph Masaki Baum (Inventor)  
June 11<sup>th</sup>, 2013  
Date

State of Colorado

County of Boulder

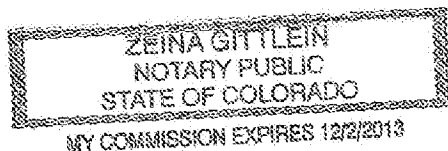
On June 11, 2013 before me, Zeina Gittlein (insert name and title of the officer)

personally appeared Joseph Masaki Baum (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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WITNESS my hand and official seal.

Signature Zeina Gittlein (Seal)  
Signature of Notary Public



Stanton Macdonough Keeler  
Stanton MacDonough Keeler (Inventor)

Date 6/11/13

State of Colorado

County of Boulder

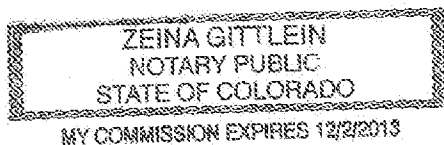
On June 11-2013 before me, Zeina Gittlein (insert name and title of the officer)

personally appeared Stanton Macdonough Keeler (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Colorado that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Zeina Gittlein (Seal)  
Signature of Notary Public



Michael Edward Baum  
Michael Edward Baum (Inventor)

6/14/13  
Date

State of Colorado

County of Boulder

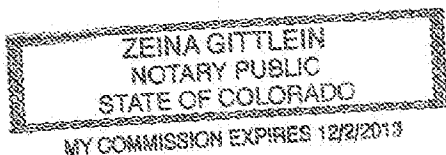
On June 11, 2013 before me, Zeina Gittlein, Notary Public  
(insert name and title of the officer)

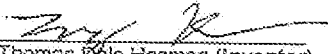
personally appeared Michael Edward Baum (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Colorado that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Zeina Gittlein (Seal)  
Signature of Notary Public



  
Thomas Dale Hosman (Inventor)  
6-12-2013  
Date

State of Colorado

County of USA

On 6-12-2013 before me, VINCENT M. MCGARRY  
(insert name and title of the officer)

personally appeared THOMAS Dale Hosman (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Colorado that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Vincent M. McGarry (Seal)  
Signature of Witness Public

Robert Dale Murphy  
Robert Dale Murphy (Inventor)  
6/11/2013  
Date

State of Colorado

County of Boulder

On June 11, 2013 before me, Zeina Gittlein, Paralegal  
(insert name and title of the officer)

personally appeared Robert Dale Murphy (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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WITNESS my hand and official seal.

Signature Zeina Gittlein (Seal)  
Signature of Notary Public

