

## PATENT ASSIGNMENT COVER SHEET

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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>TIMOTHY R FELDMAN</td> <td>05/14/2010</td> </tr> <tr> <td>WAYNE H VINSON</td> <td>05/13/2010</td> </tr> <tr> <td>BRETT A COOK</td> <td>05/17/2010</td> </tr> <tr> <td>JONATHAN W HAINES</td> <td>05/13/2010</td> </tr> </tbody> </table>               |                              | Name          | Execution Date         | TIMOTHY R FELDMAN   | 05/14/2010                   | WAYNE H VINSON | 05/13/2010 | BRETT A COOK   | 05/17/2010 | JONATHAN W HAINES | 05/13/2010 |
| Name                                                                                                                                                                                                                                                                                                                                                         | Execution Date               |               |                        |                     |                              |                |            |                |            |                   |            |
| TIMOTHY R FELDMAN                                                                                                                                                                                                                                                                                                                                            | 05/14/2010                   |               |                        |                     |                              |                |            |                |            |                   |            |
| WAYNE H VINSON                                                                                                                                                                                                                                                                                                                                               | 05/13/2010                   |               |                        |                     |                              |                |            |                |            |                   |            |
| BRETT A COOK                                                                                                                                                                                                                                                                                                                                                 | 05/17/2010                   |               |                        |                     |                              |                |            |                |            |                   |            |
| JONATHAN W HAINES                                                                                                                                                                                                                                                                                                                                            | 05/13/2010                   |               |                        |                     |                              |                |            |                |            |                   |            |
| RECEIVING PARTY DATA                                                                                                                                                                                                                                                                                                                                         |                              |               |                        |                     |                              |                |            |                |            |                   |            |
| <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      |
| Name:                                                                                                                                                                                                                                                                                                                                                        | SEAGATE TECHNOLOGY LLC       |               |                        |                     |                              |                |            |                |            |                   |            |
| Street Address:                                                                                                                                                                                                                                                                                                                                              | 10200 SOUTH DEANZA BOULEVARD |               |                        |                     |                              |                |            |                |            |                   |            |
| City:                                                                                                                                                                                                                                                                                                                                                        | CUPERTINO                    |               |                        |                     |                              |                |            |                |            |                   |            |
| State/Country:                                                                                                                                                                                                                                                                                                                                               | CALIFORNIA                   |               |                        |                     |                              |                |            |                |            |                   |            |
| Postal Code:                                                                                                                                                                                                                                                                                                                                                 | 95014                        |               |                        |                     |                              |                |            |                |            |                   |            |
| PROPERTY NUMBERS Total: 1                                                                                                                                                                                                                                                                                                                                    |                              |               |                        |                     |                              |                |            |                |            |                   |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13218302</td> </tr> </tbody> </table>                                                                                                                                                                                    |                              | Property Type | Number                 | Application Number: | 13218302                     |                |            |                |            |                   |            |
| Property Type                                                                                                                                                                                                                                                                                                                                                | Number                       |               |                        |                     |                              |                |            |                |            |                   |            |
| Application Number:                                                                                                                                                                                                                                                                                                                                          | 13218302                     |               |                        |                     |                              |                |            |                |            |                   |            |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                                                                                                                          |                              |               |                        |                     |                              |                |            |                |            |                   |            |
| <p>Fax Number:</p> <p>Phone: 5129219069</p> <p>Email: kcesari@cesari-reed.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: CESARI &amp; REED, LLP - SEAGATE TECHNOLOGY</p> <p>Address Line 1: 1114 LOST CREEK BOULEVARD SUITE 430</p> <p>Address Line 4: AUSTIN, TEXAS 78746</p> |                              |               |                        |                     |                              |                |            |                |            |                   |            |
| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                                                                                                      | 1100-STL15019.10             |               |                        |                     |                              |                |            |                |            |                   |            |
| NAME OF SUBMITTER:                                                                                                                                                                                                                                                                                                                                           | KIRK A CESARI                |               |                        |                     |                              |                |            |                |            |                   |            |
| Signature:                                                                                                                                                                                                                                                                                                                                                   | /Kirk A. Cesari/             |               |                        |                     |                              |                |            |                |            |                   |            |

Date:

02/13/2014

Total Attachments: 2

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# Copy from Parent Application

## ASSIGNMENT

Attorney Docket No. : S01.12-1385

Seagate Docket No. : STL 15019

WHEREAS, I/we, Timothy R. Feldman of Louisville, Colorado, U.S.A.; Wayne H. Vinson of Longmont, Colorado, U.S.A.; Brett A. Cook of Longmont, Colorado, U.S.A.; and Jonathan W. Haines of Boulder, Colorado, U.S.A., are the inventor(s) of an invention entitled SELECTIVE METADATA STORAGE IN A SYSTEM HAVING MULTIPLE MEMORIES 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 Delaware limited liability company 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.

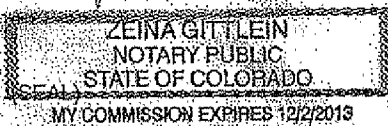
I/we authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/we further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection,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

Attorney Docket No. : S01.12.1385  
Seagate Docket No. : STL15019

Timothy R. Feldman  
Timothy R. Feldman (Inventor)

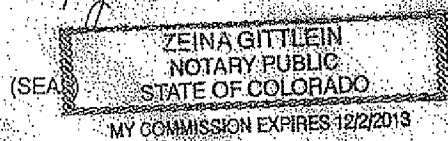
Subscribed and sworn to before me at Longmont, Colorado, a Notary Public, this 14<sup>th</sup> day of May, 2010



Zeina Gittlein  
Notary Public

Wayne H. Vinson  
Wayne H. Vinson (Inventor)

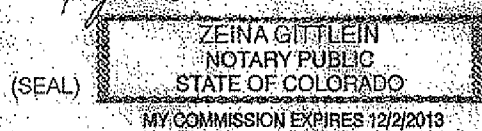
Subscribed and sworn to before me at Longmont, Colorado, a Notary Public, this 13<sup>th</sup> day of May, 2010



Zeina Gittlein  
Notary Public

Brett A. Cook  
Brett A. Cook (Inventor)

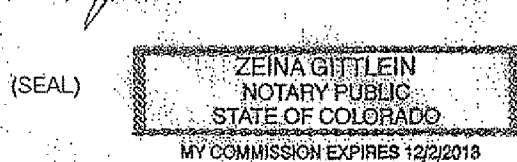
Subscribed and sworn to before me at Longmont, Colorado, a Notary Public, this 17<sup>th</sup> day of May, 2010



Zeina Gittlein  
Notary Public

Jonathan W. Hailes  
Jonathan W. Hailes (Inventor)

Subscribed and sworn to before me at Longmont, Colorado, a Notary Public, this 13<sup>th</sup> day of May, 2010



Zeina Gittlein  
Notary Public