

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3996252

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ABDELHAKIM S. ALHUSSIEN	08/02/2016
SUNDARARAJAN SANKARANARAYAN	08/02/2016
THUY VAN NGUYEN	08/04/2016
LUDOVIC DANJEAN	08/02/2016
ERICH F. HARATSCH	08/02/2016
RECEIVING PARTY DATA	
Name:	SEAGATE TECHNOLOGY LLC
Street Address:	10200 S. DE ANZA BOULEVARD
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15205654
CORRESPONDENCE DATA	
Fax Number:	(203)255-6570
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	203-255-6560
Email:	ctoffice@rml-law.com
Correspondent Name:	KEVIN M. MASON
Address Line 1:	RYAN, MASON & LEWIS, LLP
Address Line 2:	1175 POST ROAD EAST - 2ND FLOOR
Address Line 4:	WESTPORT, CONNECTICUT 06880
ATTORNEY DOCKET NUMBER:	STL 070521.10 (1450-24)
NAME OF SUBMITTER:	KEVIN M. MASON
SIGNATURE:	/Kevin M. Mason/
DATE SIGNED:	08/08/2016
Total Attachments: 5	

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source=2016-08-08_Assignment#page5.tif

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): AbdelHakim S. Alhussien, Sundararajan Sankaranarayanan, Thuy Van Nguyen, Ludovic Danjean, and Erich F. Haratsch Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Seagate Technology LLC</u> Internal Address: Street Address: <u>10200 S. De Anza Boulevard</u> City: <u>Cupertino</u> State: <u>CA</u> ZIP: <u>95014</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: <u>August 2, 2016</u> <u>August 2, 2016</u> <u>August 4, 2016</u> <u>August 2, 2016</u> <u>August 2, 2016</u>	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) <u>15/205,654 – Filed July 8, 2016</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Kevin M. Mason</u> Internal Address: <u>Ryan, Mason & Lewis, LLP</u> Street Address: <u>1175 Post Road East, 2nd Floor</u> City: <u>Westport</u> State: <u>CT</u> ZIP: <u>06880</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41)..... \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to credit card 8. Deposit account number <u>50-0762</u>

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9. Statement and signature. <i>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.</i>		
<u>Kevin M. Mason</u> Reg. No. 36,597	<u>/Kevin M. Mason/</u> Signature	<u>August 8, 2016</u> Date
Total number of pages including cover sheet, attachments, and document: <u>5</u>		

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, DC 20231

PATENT
REEL: 039362 FRAME: 0853

ASSIGNMENT

Seagate Docket No. : STL 070521.10

WHEREAS, AbdelHakim S. Alhussien of 2288 Emerald Hills Circle, San Jose, CA 95131, Sundararajan Sankaranarayanan of 49010 Wedge Grass Terrace, Fremont, CA 94539, Thuy Van Nguyen of No 2, 521/37 Alley, An Duong Vuong Street, Hanoi, Vietnam, Ludovic Danjean of 2136 Lakewood Drive, San Jose, CA, 95132, and Erich F. Haratsch of 310 Crescent Village Circle - Apartment 1229, San Jose, CA 95134 is/are the inventor(s) of an invention entitled **READ RETRY OPERATIONS WITH ESTIMATION OF WRITTEN DATA BASED ON SYNDROME WEIGHTS** 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. 15/205,654 filed on July 8, 2016 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:

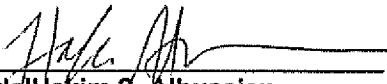
WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 10200 S. De Anza Blvd, Cupertino, CA 95014 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

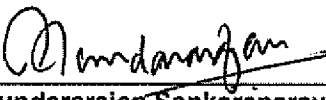
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any 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.

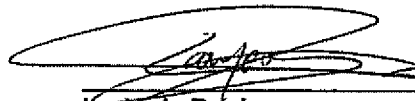
The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 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.

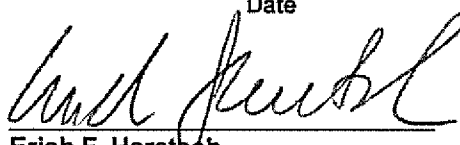

Abdelhakim S. Alhussien
8/2/2016
Date


Sundararajan Sankaranarayanan
08/02/2016
Date

Thuy Van Nguyen

Date


Ludovic Danjean
8/2/2016
Date


Erich F. Haratsch
8/2/2016
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ASSIGNMENT

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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.

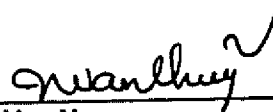
The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 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.

AbdelHakim S. Alhussien

Date

Sundararajan Sankaranarayanan

Date



Thuy Van Nguyen

8/4/2016
Date

Ludovic Danjean

Date

Erich F. Haratsch

Date