502702515 02/28/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2749121

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOACHIM WALTER AHNER	02/27/2014
DAVID M. TUNG	02/27/2014

RECEIVING PARTY DATA

Name:	Seagate Technology LLC	
Street Address:	10200 S. De Anza Blvd	
City:	Cupertino	
State/Country:	CALIFORNIA	
Postal Code:	95014	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14194417

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	10-17965-00-US
NAME OF SUBMITTER:	ASHA C. ZAHRT
Signature:	/Asha C. Zahrt/
Date:	02/28/2014 PATENT

502702515 REEL: 032329 FRAME: 0646

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT REEL: 032329 FRAME: 0647

Combined Assignment and Declaration

Seagate Docket No.: STL 17965.00

WHEREAS, We Joachim Walter Ahner of Livermore, California and David M. Tung of Livermore, California are the inventors of an invention entitled A SURFACE FEATURE MANAGER that is the subject matter of: (check all that apply)

\boxtimes	a provisional application for Letters Patent which is identifiable in the Unit	ted States Patent and Trademark
	Office by Application No. 61/829,131 filed on 30-May-2013;	
\boxtimes	an application for Letters Patent which is identifiable in the United States	Patent and Trademark Office by
	Application Nofiled on	and/or executed on even date
	herewith: and	
\boxtimes	ET any interpretation applications for Entropy and the following to the Little of Entropy	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 aboveidentified 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.

Lauthorize 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.

-1-

Joachim Walter Ahner (Inventor)

State of California)

County of Alameda)

On <u>February 27, 2014</u> before me, <u>Holly Iraheta, Notary Public</u> (insert name and title of the officer)

personally appeared <u>Joachim Walter Ahner</u> (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 executed the same in his authorized capacity, and that by his 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 <u>California</u> that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Signature of Notary Public (Seal)

HOLLY NNEKA IRANETA
COMM. #2042332 #
Notary Public - California 6
Santa Clara County
My Comm. Expires Sep. 21, 2017

David M. Tung (Inventor)

HOLLY NNEKA IRAHETA
COMM. #2042332
Notary Public - California
Santa Clara County
Comm. Expires Sep. 21, 2017

State of California)

County of Alameda)

Signature

On <u>February 27, 2014</u> before me, <u>Holly Iraheta, Notary Public</u> (insert name and title of the officer)

ol Notary Public

personally appeared <u>David M. Tung</u> (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 executed the same in his authorized capacity, and that by his 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 <u>California</u> that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)

U.S. Combined Declaration and Assignment Seagate Technology LLC - Confidential

Rev: 10/18/2012 Seagate Docket No. STL 17965.00