502597310 12/10/2013

PATENT ASSIGNMENT COVER SHEET

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502597310

EPAS ID: PAT2643590

SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	' DATA					
<u></u>			Name	Execution Date		
HANS LEUTHOLD				12/09/2013		
RECEIVING PARTY	DATA					
Name:	Seagate Tec	Seagate Technology LLC				
Street Address:	10200 S. De	10200 S. De Anza Blvd				
City:	Cupertino	Cupertino				
State/Country:	CALIFORNIA					
Postal Code:	95014					
Property Type			Number			
Application Number:		1410	14101195			
CORRESPONDENC	E DATA					
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ATTORNEY DOCKET NUMBER:			10-17589-00			
NAME OF SUBMITTER:			KAREN GIBSON			
Signature:			/Karen Gibson/			
Deter			40/40/2042			

12/10/2013

PATENT REEL: 031754 FRAME: 0205 This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT REEL: 031754 FRAME: 0206

Combined Assignment and Declaration

Seagate Docket No.: 17589.00

	IEREAS, I Hans Leuthold of Santa Cruz, CA, am the inventor of an invention entitled <u>APPARA</u>	
RE	PULSIVE FORCE BETWEEN STATIONARY AND ROTATABLE COMPONENTS that is the si	ubject matter
of: ((check all that apply)	
	a provisional application for Letters Patent which is identifiable in the United States Patent and	d Trademark
	Office by Application No filed on;	
\boxtimes	an application for Letters Patent which is identifiable in the United States Patent and Tradema	rk Office by
	Application No filed on and/or executed of	
	herewith: and	
	an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty	
	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.

Hans Leuthold (Inventor)

Date

State of California)

County of Santa Cruz)

On <u>December 9, 2013</u> before me, <u>Cynthia Rogers, Notary Public</u>, (insert name and title of the officer) personally appeared <u>Hans Leuthold</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/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 <u>California</u> that the foregoing paragraph is true and correct.

(Seal)

WITNESS my hand and official seal.

Signature

Signature of Notary Public

CYNTHIA ROGERS

Commission # 1905205

Notary Public - California

Santa Cruz County

My Comm. Expires Sep 24, 2014