PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2641323

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PENG PENG	11/20/2013
ZHEN WEI	11/20/2013
DECLAN MACKEN	11/26/2013
DARREYL SEDBROOK	12/04/2013
MUHAMMED MUJAHID KHAN	11/12/2013

RECEIVING PARTY DATA

Name:	Seagate Technology LLC	
Street Address:	10200 South DeAnza Boulevard	
City:	Cupertino	
State/Country:	State/Country: CALIFORNIA	
Postal Code:	95014	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14099035

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	STB.121.A1
NAME OF SUBMITTER:	REBECCA F. DAVIS
	YAIENI

502595060 REEL: 031740 FRAME: 0001

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Signature:	/Rebecca F. Davis/
Date:	12/09/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=DEC-STB121A1#page1.tif source=DEC-STB121A1#page2.tif source=DEC-STB121A1#page3.tif source=DEC-STB121A1#page4.tif	

PATENT REEL: 031740 FRAME: 0002

COMBINED ASSIGNMENT AND DECLARATION

WHEREAS, Peng Peng of 18043 Clear Spring Lane, Eden Prairie, MN 55347; Zhen Wei of 6287 Rainer Lane North, Maple Grove, MN 55311; Declan Macken of 14572 Rosewood Road, Prior Lake, MN 55372; Darreyl Sedbrook of 14059 Dane Avenue, Rosemount, MN 55068; and Muhammed Mujahid Khan of 978 Bavaria Hills Ter, Chaska, MN 55318, are the inventors of an invention entitled FLIT TCR SENSORS 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			
\boxtimes	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 C			
	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.

PATENT Rev: 10/18/2012

Peng Peng (Inventor)

State of Minnesota) personally appeared Peng Peng (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 Minnesota that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Diane M. Chapman lotary Public, State of Minnesota My Commission Expires January 31, 2018 State of Minnesota) County of Hennepin
On Notember 20, 2013 before me, personally appeared Zhen Wei (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 Minnesota that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Diane M. Chapman Notary Public, State of Minnesota My Commission Expires January 31, 2018

Declar/Macken (Inventor)
<u>26 NOV 2013</u> Date
State of Minnesota)
County of HENNEDIA ()
On NOV. 24, 2013 before me. NC/1354 Erchten, Notary (insert name and title of the officer)
personally appeared Declan Macken (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 Minnesota that the foregoing paragraph is true and correct.
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WITNESS my hand and official seal. MEUSSA A EICHTEN MOTABURISH OF THE PROPERTY OF THE PROPER
Signature V ELISA ELISA (Seal) Signature of Notary Public

Date
State of Minnesota)
County of Hennepin
On Dec 4, 2013 before me, Melissa Eichten Notary (insert name and title of the officer)
personally appeared Darreyl Sedbrook (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 Minnesota that the foregoing paragraph is true and correct.
WITNESS my hand and official seal. MEUSSA A EICHTEN
Signature Signature of Notary Public (Seal)

Muhammed Mujahid Khan (Inventor) State of Minnesota) before me.

personally appeared Muhammed Mujahid Khan (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 Minnesota that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public

RECORDED: 12/09/2013