#### PATENT ASSIGNMENT

# Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	BMISSION TYPE: NEW ASSIGN			
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ATA			
Name			Execution Date	
Venkateswara Rao Intu	ri		10/29/2012	
Wei Tian			10/04/2012	
Joseph Mundenar			11/21/2012	
RECEIVING PARTY DA	TA			
Name:	Seagate Technology LLC			
Street Address:	10200 South De Anza Boulevard			
City:	Cupertino			
State/Country:	CALIFORNIA			
	95014			
Property Ty	pe	Number		
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Application Number:	pe 13689			
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#### ASSIGNMENT

Seagate Docket No. : STL17277

WHEREAS, I/we Venkateswara Rao Inturi of 6541 Carlisle Curve, Shakopee, MN 55379, Wei Tian of 9498 Marshall Road, Eden Prairie, MN 55347, and Joseph Mundenar of 17189 Trenton Lane, Eden Prairie, MN 55347 are the inventor(s) of an invention entitled <u>THIN FILM WITH TUNED ANISOTROPY AND MAGNETIC MOMENT</u> that is the subject matter of: (check all that apply)

- 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 \_\_\_\_\_\_ 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 South DeAnza Boulevard, Cupertino, California, 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/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.

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.

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Rev: 03-07-2011

### PATENT REEL: 029376 FRAME: 0850

9. Ven (atesn ala lett
Venkateswara Rao Inturi (Inventor) $\frac{1}{2}$
State of MN Date
on <u>activities 29,2012</u> before me, <u>Melissa</u> Zavas, Notam
personally appeared <u>V(MCA+CSWUM RAO INTUN</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 that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
MELISSA ANN ZARNS NOTARY PUBLIC - MINNESOTA MY COMMISSION EXPIRES 01/31/17
Signature Signature of Notary Public (Seal)
4110
Wei Tian (Inventor) /0/04/12
State of MN NULLIA IA CO
State of <u>MN</u> County of <u>HCMMPN</u> On <u>D(t 4, 2012 before me.</u> <u>MCLISSA ZARAS</u> , NO tam
State of <u>MN</u> County of <u>HCMMPN</u> On <u>UCF 4, 2012</u> before me, <u>MCLISS A ZAMAS</u> , NO TAM (insert name and title of the officer)
State of <u>MN</u> County of <u>HCMMPN</u> On <u>D(t 4, 2012 before me.</u> <u>MCLISSA ZARAS</u> , NO tam
State of <u>MN</u> , County of <u>HCMMPN</u> , On <u>DCF 4, 2012</u> before me, <u>MCLISS A ZAINS</u> , <u>NO TAM</u> (insert name and title of the officer) personally appeared <u>WCI TIAM</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
State of
State of
State of
State of

- U.S. Assignment - Seagate Technology LLC

Rev: 03-07-2011

# PATENT REEL: 029376 FRAME: 0851

State of MN County of HEMMED
on NOV, 21, 2012 before me. MPLISSA ZAYNS, NOTAM
(insert name and title of the officer)
personally appeared
WITNESS my hand and official seal.
Signature MELISSA ANN ZARNS NOTARY PUBLIC - MINNESOTA MY COMMISSION EXPIRES 01/31/17

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Rev: 03-07-2011

## PATENT REEL: 029376 FRAME: 0852

**RECORDED: 11/29/2012**