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Intellectual Property

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Form PTO-1595 (Rev. 10/02) RE OMB No. 0651-0027 (exp. 6/30/2005) Tab settings		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of F		102674313 documents or copy thereof.	
1. Name of conveying party(ies): <u>Thomas H. Chuang</u>		2. Name and address of receiving party(ies) Name: <u>Seagate Technology LLC</u> Internal Address: _____ _____ _____ Street Address: <u>920 Disc Drive</u> _____ _____ City: <u>Scotts Valley</u> State: <u>CA</u> Zip: <u>95066</u>	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		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>February 5, 2004</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>10/665,784</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>Mitchell K. McCarthy</u> Internal Address: _____ _____ _____ Street Address: <u>10321 West Reno, OKM178</u> _____ _____ City: <u>Oklahoma City</u> State: <u>OK</u> Zip: <u>73127</u>		6. Total number of applications and patents involved: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2	
7. Total fee (37 CFR 3.41)..... \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account		8. Deposit account number: <u>19-1038</u> (Attach duplicate copy of this page if paying by deposit account)	
<b>DO NOT USE THIS SPACE</b>			
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>Mitchell K. McCarthy</u> Name of Person Signing		 Signature	
		<u>2/11/2004</u> Date	
Total number of pages including cover sheet, attachments, and documents: <u>2</u>			

Mail documents to be recorded with required cover sheet information to:

Filed together with a new patent application to: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Not filed with new patent application to: Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450
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ASSIGNMENT

Seagate Docket No.: STL11057

WHEREAS, I/we Thomas H. Chuang of 1720 Roma Court, Longmont, CO 80503, is the inventor of an invention entitled Vibration Measurement Apparatus & Method 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. 60/418,812 filed on October 16, 2002;
- an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 10/665,784 filed on September 19, 2003 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 920 Disc Drive, Scotts Valley, California, 95066 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 for the invention.

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.

Thomas H. Chuang  
Thomas H. Chuang (Inventor)

Subscribed and sworn to before me at Seagate, Boulder, Co., a Notary Public, this 5<sup>th</sup> day of February, 2004.

Penny F. Rehn  
Notary Public

My Commission Expires  
2/24/05

