501882137 04/09/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yukiko Kubota	03/30/2012

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13442526	

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Hall Estill Attorneys at Law
Address Line 1: 100 North Broadway, Suite 2900

Address Line 4: Oklahoma City, OKLAHOMA 73102-8820

ATTORNEY DOCKET NUMBER: STL16717

NAME OF SUBMITTER: Randall K. McCarthy

Total Attachments: 2

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PATENT REEL: 028014 FRAME: 0544 OP \$40.00 13442526

ASSIGNMENT

Seagate Docket No.: STL16717

imv	IEREAS, I/we Yukiko Kubota o ention entitled <u>THERMAL RET</u> that apply)	f 912 Campisi Way, Unit 406, Car ENTION STRUCTURE FOR A D/	mpbell, CA 95008 am/are the inventor(s) of an ATA DEVICE that is the subject matter of: (check	
			in the United States Patent and Trademark Office	
×****	ny Appacation No.	filed on		
\otimes	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	***************************************		
		I offere Date of Blad novement to the	he Patent Cooperation Treaty which is	
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	indumenta in ma numen prate	s Receiving Office by Application	Nofiled on	
	and	i/or executed on even date herew	Ath:	

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 daim 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.

- U.S. Assignment - Spagate Technology LLC

Rev. 03-07-2011

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State of <u>CA</u>			Dat	ğ
County of <u>Almanes</u>	<u> </u>)		
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		(1	nsed name and title of t	ne officer)
personally appeared	WELKD	<u> Aroova</u>		(inventor), who proved to me on the
Dasis of satisfactory evi that be/she executed th	idence to be the per re-same in ble/har a	i emen ezodw noz	iddiw adfed badboudus s	n instrument and acknowledged to me sature on the instrument the person, or
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PATENT REEL: 028014 FRAME: 0546