502104558 10/23/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ryan James Goss	10/17/2012
David Scott Seekins	10/17/2012
Mark Allen Gaertner	10/17/2012

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13658673

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	STL17050
NAME OF SUBMITTER:	Randall K. McCarthy

Total Attachments: 3

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> PATENT REEL: 029177 FRAME: 0487

OF \$40.00 13658673

ASSIGNMENT

Seagate Docket No.: STL17050

	TEREAS, I'WE RYAII James Goss o			
Ox	ford Road, S., Shakopee, MN 5537	'9, and Mark Allen Gaertne	er of 3273 Costa Drive,	Vadnais Heights, MN 55127
are	the inventor(s) of an invention enti	tled RESTORING VIRTU	ALIZED GCU STATE IN	FORMATION that is the
sub	eject matter of: (check all that apply)		
	a provisional application for Letter	s Patent which is identifial	ole in the United States	Patent and Trademark Office
	by Application No	filed on	:	
\boxtimes	an application for Letters Patent w	hich is identifiable in the U	Inited States Patent and	Trademark Office by
	Application No.		and/or e	
	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 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 aboveidentified 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.

- U.S. Assignment - Seagate Technology LLC

Rev: 03-07-2011

	Mark Allen Gaertner (Inventor)
	Mark Allen Gaertner (Inventor)
State of $4mN$)	Date
County of Scatt	
On 10-17-13 before me, 1970-1	Insert name and title of the officer)
personally appeared <u>Mcw.k. A. Gourds</u> basis of satisfactory evidence to be the person whose name that he/she executed the same in his/her authorized capacit the entity upon behalf of which the person acted, executed t	e is subscribed to the within instrument and acknowledged to me ty, and that by his/her signature on the instrument the person, or
I certify under PENALTY OF PERJURY under the laws of th paragraph is true and correct.	ne State of that the foregoing
WITNESS my hand and official seal.	
Signature Amda Caul (Seal) Signature of Notary Public	RHONDA M. CARL Notary Public-Minnesota My Commission Expires Jan 31, 2016

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Rev: 03-07-2011