

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LIONEL YOUNG	06/30/2010
JOHN R. GUSTAFSON	06/30/2010
SCOTT E. WATSON	06/30/2010
DANA C. FISHER	06/30/2010
BRIAN L. RAPPEL	06/30/2010
ANDREW A. LUCAS	06/30/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WESTERN DIGITAL TECHNOLOGIES, INC.
<b>Street Address:</b>	20511 LAKE FOREST DRIVE
<b>City:</b>	LAKE FOREST
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92630
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12826474
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)672-6604
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	949-672-7871
<b>Email:</b>	renee.quick@wdc.com
<b>Correspondent Name:</b>	WESTERN DIGITAL
<b>Address Line 1:</b>	ATTN: INTELLECTUAL PROPERTY DEPT.
<b>Address Line 2:</b>	20511 LAKE FOREST DRIVE
<b>Address Line 4:</b>	LAKE FOREST, CALIFORNIA 92630
<b>ATTORNEY DOCKET NUMBER:</b>	T4296

CH \$40.00 12826474

**501248582**

**PATENT  
 REEL: 024765 FRAME: 0948**

NAME OF SUBMITTER:

Renee M. Quick

**Total Attachments: 7**

source=T4296\_Assignment\_EFS#page1.tif

source=T4296\_Assignment\_EFS#page2.tif

source=T4296\_Assignment\_EFS#page3.tif

source=T4296\_Assignment\_EFS#page4.tif

source=T4296\_Assignment\_EFS#page5.tif

source=T4296\_Assignment\_EFS#page6.tif

source=T4296\_Assignment\_EFS#page7.tif

ASSIGNMENT

Whereas, we, **Lionel Young**, a citizen of the **United States of America**, residing at **San Francisco, California**; **John R. Gustafson** a citizen of the **United States of America**, residing at **Los Gatos, California**; **Scott E. Watson**, a citizen of the **United States of America**, residing at **San Jose, California**; **Dana C. Fisher**, a citizen of the **United States of America**, residing at **Berthoud, Colorado**; **Brian L. Rappel**, a citizen of the **United States of America**, residing at **Lyons, Colorado**; and **Andrew A. Lucas**, a citizen of the **United States of America**, residing at **Lyons, Colorado**, have invented certain new and useful improvements in **DISK DRIVE WITH ADDED EXTERNAL LABYRINTH PATH DURING SERVO TRACK WRITING** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **June 29, 2010**, Application No. **12/826,474** (hereafter "Application"); and

Whereas, **Western Digital Technologies, Inc.** (hereafter "Assignee"), a Delaware Corporation, desires to acquire the entire right, title, and interest in and to the Improvements and the Application.

Now, therefore, that for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereof and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

We hereby covenant and agree that we will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

Title of Invention: **DISK DRIVE WITH ADDED EXTERNAL LABYRINTH PATH DURING SERVO TRACK WRITING**

  
\_\_\_\_\_  
Lionel Young


6/30/10  
\_\_\_\_\_  
Date

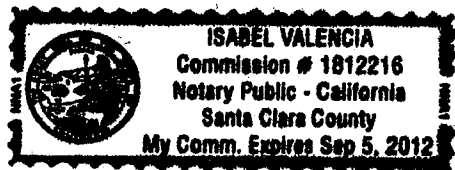
State of California )  
County of Santa Clara ) ss.

On June 30, 2010, before me, Isabel Valencia, Notary Public, personally appeared **Lionel Young** 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 California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
Notary Public



Title of Invention: **DISK DRIVE WITH ADDED EXTERNAL LABYRINTH PATH DURING SERVO TRACK WRITING**

John R. Gustafson  
John R. Gustafson

06/30/2010  
Date

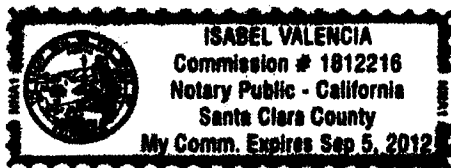
State of California )  
County of Santa Clara ) ss.

On June 30, 2010, before me, Isabel Valencia, Notary Public, personally appeared **John R. Gustafson** 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 authorized capacity, and that by his 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 California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Isabel Valencia  
Notary Public



ASSIGNMENT

PATENT  
Atty. Docket No.: T4296

Title of Invention: **DISK DRIVE WITH ADDED EXTERNAL LABYRINTH PATH DURING SERVO TRACK WRITING**

*Scott E. Watson*  
Scott E. Watson

6/30/10  
Date

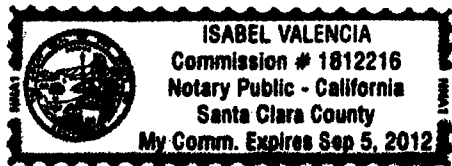
State of California )  
County of Santa Clara ) ss.

On June 30, 2010, before me, Isabel Valencia, Notary Public, personally appeared **Scott E. Watson** 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.

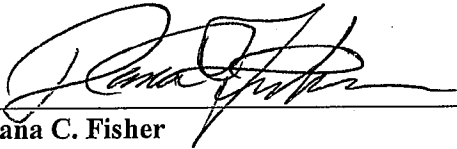
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Isabel Valencia*  
Notary Public



Title of Invention: **DISK DRIVE WITH ADDED EXTERNAL LABYRINTH PATH DURING SERVO TRACK WRITING**

  
\_\_\_\_\_  
Dana C. Fisher

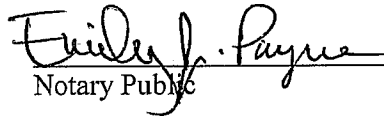
6/30/10  
\_\_\_\_\_  
Date

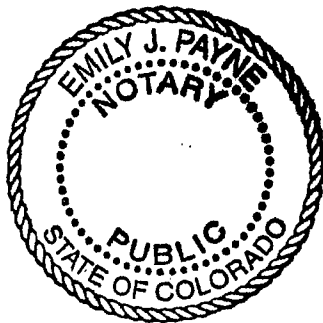
State of Colorado            )  
  ) ss.  
County of Boulder        )

On 30<sup>th</sup> of June 2010, before me, Emily J. Payne, Notary Public, personally appeared **Dana C. Fisher** 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 Colorado that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
Notary Public



My Commission Expires 05/05/2013

Title of Invention: **DISK DRIVE WITH ADDED EXTERNAL LABYRINTH PATH DURING SERVO TRACK WRITING**

B. L. R.  
\_\_\_\_\_  
**Brian L. Rappel**

6/30/2010  
\_\_\_\_\_  
Date

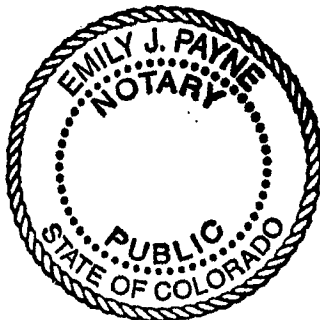
State of Colorado            )  
  ) ss.  
County of Boulder        )

On 30<sup>th</sup> of June, 2010, before me, Emily J. Payne, Notary Public, personally appeared **Brian L. Rappel** 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 Colorado that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Emily J. Payne  
\_\_\_\_\_  
Notary Public



My Commission Expires 05/05/2013



Title of Invention: **DISK DRIVE WITH ADDED EXTERNAL LABYRINTH PATH DURING SERVO TRACK WRITING**

-----

*Andrew A. Lucas*  
Andrew A. Lucas

6/30/10  
Date

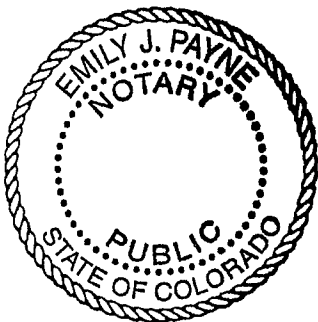
State of Colorado )  
County of Boulder ) ss.

On 30<sup>th</sup> of June 2010, before me, Emily J. Payne, Notary Public, personally appeared **Andrew A. Lucas** 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 Colorado that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Emily J. Payne*  
Notary Public



My Commission Expires 05/05/2013