

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>CARL E. BARLOW</td> <td>02/11/2013</td> </tr> <tr> <td>CHIRAG C. PATEL</td> <td>03/06/2013</td> </tr> <tr> <td>ANDREW W. FOK</td> <td>02/11/2013</td> </tr> <tr> <td>CHUN SEI TSAI</td> <td>02/11/2013</td> </tr> <tr> <td>DONALD BRUNETT</td> <td>02/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	CARL E. BARLOW	02/11/2013	CHIRAG C. PATEL	03/06/2013	ANDREW W. FOK	02/11/2013	CHUN SEI TSAI	02/11/2013	DONALD BRUNETT	02/04/2013
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ANDREW W. FOK	02/11/2013												
CHUN SEI TSAI	02/11/2013												
DONALD BRUNETT	02/04/2013												
RECEIVING PARTY DATA													
Name:	WESTERN DIGITAL TECHNOLOGIES, INC.												
Street Address:	3355 MICHELSON DRIVE, SUITE 100												
City:	IRVINE												
State/Country:	CALIFORNIA												
Postal Code:	92612												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13762850</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13762850								
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Application Number:	13762850												
CORRESPONDENCE DATA													
Fax Number:	9496726604												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	949-672-6148												
Email:	kristen.truong@wdc.com												
Correspondent Name:	WESTERN DIGITAL												
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Address Line 4:	IRVINE, CALIFORNIA 92612												
ATTORNEY DOCKET NUMBER:	T6140												
NAME OF SUBMITTER:	Kristen Truong												

CH \$40.00 13762850

Total Attachments: 6

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ASSIGNMENT

Whereas, we, **CARL E. BARLOW**, a citizen of the United States of America, residing at Lake Forest, California; **CHIRAG C. PATEL**, a citizen of the United States of America, residing at Rancho Santa Margarita, California; **ANDREW W. FOK**, a citizen of Hong Kong, residing at Fullerton, California; **CHUN SEI TSAI**, a citizen of Taiwan, residing at Tustin, California; and **DONALD BRUNETT**, a citizen of the United States of America, residing at Pleasanton, California, have invented certain new and useful improvements in **DISK DRIVE CALIBRATING DEFECT THRESHOLD BASED ON STATISTICAL QUALITY METRIC MEASURED FOR REFERENCE TRACKS** (hereafter "Improvements") for which we have executed an application for a United States Patent filed February 8, 2013, Application No. 13/762,850 (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 assignees, 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 CALIBRATING DEFECT THRESHOLD BASED ON STATISTICAL QUALITY METRIC MEASURED FOR REFERENCE TRACKS**

Carl E. Barlow

CARL E. BARLOW

2/11/13

Date

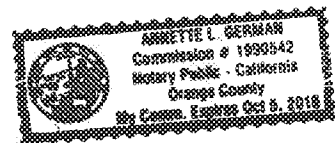
State of California)
) ss.
County of *Orange*)

On *Feb 11, 2013*, before me, *Annette L. German* Notary Public, personally appeared **CARL E. BARLOW** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.


Signature: *Annette L. German*
Signature of Notary Public



ASSIGNMENT

PATENT
Atty. Docket No.: T6140

Title of Invention: **DISK DRIVE CALIBRATING DEFECT THRESHOLD BASED ON STATISTICAL QUALITY METRIC MEASURED FOR REFERENCE TRACKS**


CHIRAG C. PATEL

3/6/13
Date

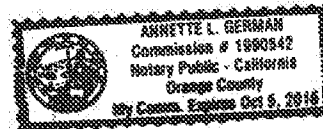
State of California)
) ss.
County of Orange)

On March 6, 2013, before me, Annette L. German, Notary Public, personally appeared **CHIRAG C. PATEL** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Signature: Annette L. German
Signature of Notary Public:



Title of Invention: **DISK DRIVE CALIBRATING DEFECT THRESHOLD BASED ON STATISTICAL QUALITY METRIC MEASURED FOR REFERENCE TRACKS**

Andrew Fok
ANDREW W. FOK

2/11/2013
Date

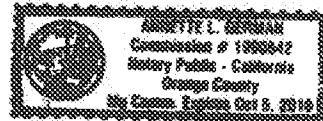
State of California)
) ss.
County of Orange)

On Feb 11 2013, before me, Annette L. German, Notary Public, personally appeared ANDREW W. FOK who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

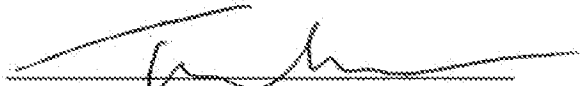
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: *Annette L. German*
Signature of Notary Public



Title of Invention: **DISK DRIVE CALIBRATING DEFECT THRESHOLD BASED ON STATISTICAL QUALITY METRIC MEASURED FOR REFERENCE TRACKS**

.....

CHUN SEI TSAI _____ Date 2/11/13

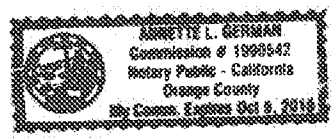
State of California)
) ss.
County of ORANGE)

On Feb 11, 2013 before me, Annette L. German, Notary Public, personally appeared CHUN SEI TSAI who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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WITNESS my hand and official seal.

Signature: Annette L. German
Signature of Notary Public



ASSIGNMENT

PATENT
Atty. Docket No.: T6140

Title of Invention: **DISK DRIVE CALIBRATING DEFECT THRESHOLD BASED ON STATISTICAL QUALITY METRIC MEASURED FOR REFERENCE TRACKS**


DONALD BRUNETT

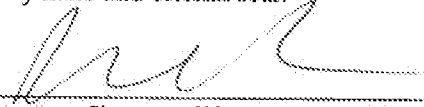
2/4/13
Date

State of California)
County of Santa Clara) ss.

On February 4, 2013 before me, Isabel Valencia, Notary Public, personally appeared **DONALD BRUNETT** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~ are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Signature: 
Signature of Notary Public

