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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIANGANG LIANG	03/14/2008
CHARLES A. PARK	03/14/2008
YILIN CAI	03/14/2008
SIRI S. WEERASOORIYA	03/21/2008

RECEIVING PARTY DATA

Name:	WESTERN DIGITAL TECHNOLOGIES, INC.
Street Address:	20511 LAKE FOREST DRIVE
City:	LAKE FOREST
State/Country:	CALIFORNIA
Postal Code:	92630

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12021976

CORRESPONDENCE DATA

Fax Number: (949)672-6604

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 949-672-7871

Email: renee.quick@wdc.com

Correspondent Name: WESTERN DIGITAL

Address Line 1: ATTN: INTELLECTUAL PROPERTY DEPT.

Address Line 2: 20511 LAKE FOREST DRIVE

Address Line 4: LAKE FOREST, CALIFORNIA 92630

ATTORNEY DOCKET NUMBER: T3129

NAME OF SUBMITTER: Renee M. Quick

Total Attachments: 5

PATENT REEL: 020774 FRAME: 0282

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> PATENT REEL: 020774 FRAME: 0283

Atty. Docket No.: T3129

ASSIGNMENT

Whereas, we, JIANGANG LIANG, a citizen of P.R. China, residing at Sunnyvale, California; CHARLES A. PARK a citizen of the United States of America, residing at Aromas, California; YILIN CAI, a citizen of the United States of America, residing at Fremont, California; and SIRI S. WEERASOORIYA, a citizen of the United States of America, residing at Campbell, California, have invented certain new and useful improvements in SPIRAL SLOPE APPROXIMATION OF SPIRAL PATTERNS WRITTEN TO A DISK OF A DISK DRIVE (hereafter "Improvements") for which we have executed an application for a United States Patent filed January 29, 2008, Application No. 12/021,976 (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.

Atty. Docket No.: T3129

Title of Invention: SPIRAL SLOPE APPROXIMATION OF SPIRAL PATTERNS WRITTEN TO A DISK OF A DISK DRIVE
Jiangang Ligng 03/14/2008 Date
State of California) ss. County of On March 14,2003, before me, TRACE (** MBFRLEOMBH**), Notary Public, personally appeared JIANGANG LIANG 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
GRACE C. ABERCROMBIE Commission # 1648556 Notary Public - California Santa Clara County My Comm. Expires Mar 26, 2010

TO A DISK OF A DISK DRIVE
Charles A. Park Date Mar 14, 2008 Date
State of California) ss. County of On March 14, 200, before me, Greace C. Negregamble, Notary Public, personally appeared CHARLES A. PARK 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
GRACE C. ABERCROMBIE Commission # 1648556 Notary Public - California Santa Clara County My Comm. Expires Mar 26, 2010

Title of Invention: SPIRAL SLOPE APPROXIMATION OF SPIRAL PATTERNS WRITTEN TO A DISK OF A DISK DRIVE 3/14/2008 State of California County of On MARCH 14,208, before me, GRACE ABROGRAMBY, Notary Public, personally appeared YILIN CAI 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 GRACE C. ABERCROMBIE Commission # 1648556 Notary Public - California Santa Clara County My Comm. Expires Mar 26, 2010

Atty. Docket No.: T3129

Title of Invention: SPIRAL SLOPE APPROXIMATION OF SPIRAL PATTERNS WRITTEN TO A DISK OF A DISK DRIVE
SIRI-S. WEERASOORIYA Date
State of California) ss. County of On MARCH 21, 7000, before me, CAROCE C. ABRECEOMBIE, Notary Public, personally appeared SIRI S. WEERASOORIYA 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.
GRACE C. ABERCROMBIE Commission # 1648556 Notary Public - California Santa Clara County My Comm. Expires Mar 26, 2010

RECORDED: 04/08/2008 REEL: 020774 FRAME: 0288