PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASWARTHA NARAYANA	11/03/2011
CHUANWEN JI	11/09/2011
DUC T. PHAN	10/31/2011
MIN CHEN	10/27/2011
HENGCHANG GUO	11/03/2011

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

Property Type	Number
Application Number:	13267196

CORRESPONDENCE DATA

Fax Number: (949)672-6604 **Phone**: 949-672-7871

Email: susan.mcfarlane@wdc.com

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

via US Mail.

Correspondent Name: WESTERN DIGITAL

Address Line 1: ATTN: IP LAW DEPARTMENT

Address Line 2: 3355 MICHELSON DRIVE, SUITE 100

Address Line 4: IRVINE, CALIFORNIA 92612

NAME OF SUBMITTER: Susan McFarlane

501719592 REEL: 027206 FRAME: 0108

<u>PATENT</u>

13267196

Total Attachments: 6 source=T5439_Assignment_EFS#page1.tif source=T5439_Assignment_EFS#page2.tif source=T5439_Assignment_EFS#page3.tif source=T5439_Assignment_EFS#page4.tif source=T5439_Assignment_EFS#page5.tif source=T5439_Assignment_EFS#page6.tif

PATENT REEL: 027206 FRAME: 0109

Atty. Docket No.: T5439

ASSIGNMENT

Whereas, we, ASWARTHA NARAYANA, a citizen of the United States of America, residing at ALISO VIEJO, California; CHUANWEN JI a citizen of People's Republic of China, residing at IRVINE, California; DUC T. PHAN, a citizen of the United States of America, residing at SARATOGA, California; MIN CHEN, a citizen of People's Republic of China, residing at SAN JOSE, California; and HENGCHANG GUO, a citizen of People's Republic of China, residing at RANCHO SANTA MARGARITA, California, have invented certain new and useful improvements in DISK DRIVE CORRECTING TRACK ID IN RESPONSE TO AN ESTIMATED RADIAL LOCATION AND A BURST PES (hereafter "Improvements") for which we have executed an application for a United States Patent filed October 6, 2011, Application No. 13/267,196 (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 CORRE ESTIMATED RADIAL LOCATION AND A BU	CTING TRACK ID IN RESPONSE TO AN RST PES
ASWARTHA NARAYANA	NN 3, 2-01 Date
person(s) whose name(s) is/are subscribed to the he/she/they executed the same in his/her/their	A // Notary Public, personally to me on the basis of satisfactory evidence to be the ewithin instrument and acknowledged to me that authorized capacity(ies), and that by his/her/their ne entity upon behalf of which the person(s) acted,
I certify under PENALTY OF PERJURY under the paragraph is true and correct.	ne laws of the State of California that the foregoing
WITNESS my hand and official seal. Signature: Signature of Notary Public	RHONDA H. STOUT Commission # 1938381 Notary Public - California Orange County My Comm Expires Jun 10, 2015

Title of Invention: DISK DRIVE CORRIESTIMATED RADIAL LOCATION AND A BU	ECTING TRACK ID IN RESPONSE TO AN URST PES
CHUANWEN JI	11/69 / 2011 Date
whose name(s) is/are subscribed to the within it executed the same in his/het/their authorized capa	Notary Public, personally the basis of satisfactory evidence to be the person(s) astrument and acknowledged to me that he/she/they acity(ies), and that by his/hef/their signature(s) on the of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under t paragraph is true and correct.	the laws of the State of California that the foregoing
WITNESS my hand and official seal. Signature: Signature of Notary Public	RHONDA H. STOUT Commission # 1936391 Notary Public - California Orange County My Comm. Expires Jun 10, 2015

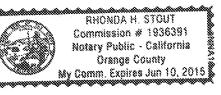
Atty. Docket No.: T5439

Title of Invention: DISK DRIVE CORRECT ESTIMATED RADIAL LOCATION AND A BUR	TING TRACK ID IN RESPONSE TO AN ST PES
DUC T. PHAN	10-3 (-11 Date
State of California County of () () () () () () () () () () () () ()	e basis of satisfactory evidence to be the person(e) rument and acknowledged to me that he/she/they ty(ies), and that by his/her/their signature(s) on the
I certify under PENALTY OF PERJURY under the paragraph is true and correct.	laws of the State of California that the foregoing
WITNESS my hand and official seal. Signature Signature of Notary Public	RHONDA H, STOUT Commission # 1936391 Notary Public - California Orange County My Comm. Expires Jun 10, 2015

DISK DRIVE CORRECTING TRACK ID IN RESPONSE TO AN ESTIMATED RADIAL LOCATION AND A BURST PES MIN CHEN State of California Otober 27,201! before me, USa ____, Notary Public, personally appeared MIN CHEN who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (15/dre-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 kis/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 ISABEL VALENCIA Commission # 1812216 Notary Public - California Santa Clara County My Comm. Expires Sep 5, 2012

Atty. Docket No.: T5439

Title of Invention: DISK DRIVE CORRECTING TRACK ID IN RESPONSE TO AN ESTIMATED RADIAL LOCATION AND A BURST PES			
Uegno	WOV. 3. 2011		
HENGCHANG GUO	Date		
State of California Second of DAME On Second of DAME S			
WITNESS my hand and official seal. Signature: Signature of Notary Public			



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RECORDED: 11/10/2011