

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>HONGCHAO TIM ZHAO</td> <td>02/02/2010</td> </tr> <tr> <td>JIANGANG LIANG</td> <td>02/02/2010</td> </tr> <tr> <td>YILIN CAI</td> <td>02/02/2010</td> </tr> <tr> <td>DON BRUNETT</td> <td>02/02/2010</td> </tr> </tbody> </table>		Name	Execution Date	HONGCHAO TIM ZHAO	02/02/2010	JIANGANG LIANG	02/02/2010	YILIN CAI	02/02/2010	DON BRUNETT	02/02/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>WESTERN DIGITAL TECHNOLOGIES, INC.</td> </tr> <tr> <td>Street Address:</td> <td>20511 LAKE FOREST DRIVE</td> </tr> <tr> <td>City:</td> <td>LAKE FOREST</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92630</td> </tr> </table>		Name:	WESTERN DIGITAL TECHNOLOGIES, INC.	Street Address:	20511 LAKE FOREST DRIVE	City:	LAKE FOREST	State/Country:	CALIFORNIA	Postal Code:	92630
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (949)672-6604 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 949-672-7871</p> <p>Email: renee.quick@wdc.com</p> <p>Correspondent Name: WESTERN DIGITAL</p> <p>Address Line 1: ATTN: INTELLECTUAL PROPERTY DEPT.</p> <p>Address Line 2: 20511 LAKE FOREST DRIVE</p> <p>Address Line 4: LAKE FOREST, CALIFORNIA 92630</p>											
ATTORNEY DOCKET NUMBER:	T4110										
NAME OF SUBMITTER:	Renee M. Quick										
Total Attachments: 5											

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PATENT
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ASSIGNMENT

Whereas, we, **HONGCHAO TIM ZHAO**, a citizen of the United States of America, residing at **San Jose, California**; **JIANGANG LIANG** a citizen of **People's Republic of China**, residing at **San Jose, California**; **YILIN CAI**, a citizen of the United States of America, residing at **Fremont, California**; and **DON BRUNETT**, a citizen of the United States of America, residing at **Pleasanton, California**, have invented certain new and useful improvements in **ADAPTIVE THRESHOLD FOR DETECTING TOUCHDOWN OR CONTAMINATION** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **January 7, 2010**, Application No. **12/684,045** (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.

ASSIGNMENT

PATENT
Atty. Docket No.: T4110

Title of Invention: **ADAPTIVE THRESHOLD FOR DETECTING TOUCHDOWN OR
CONTAMINATION**



HONGCHAO TIM ZHAO

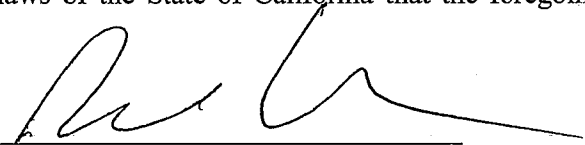
2/2/2010
Date

State of California)
County of Santa Clara) ss.

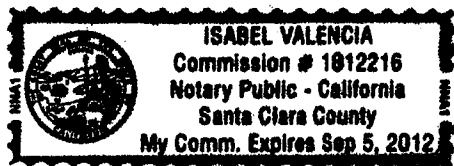
On February 2, 2010, before me, Isabel Valencia, Notary Public, personally appeared **HONGCHAO TIM ZHAO** who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that ~~he~~she executed the same in ~~his~~her authorized 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



ASSIGNMENT

PATENT
Atty. Docket No.: T4110

Title of Invention: **ADAPTIVE THRESHOLD FOR DETECTING TOUCHDOWN OR
CONTAMINATION**

Jiangang Liang
JIANGANG LIANG

2/2/2010
Date

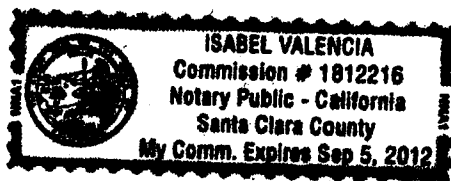
State of California)
County of Santa Clara) ss.

On February 2, 2010, before me, Isabel Valencia, 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.

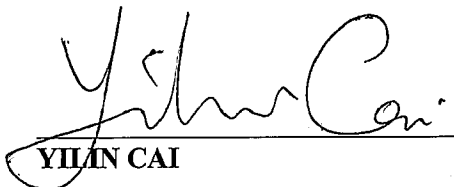
Isabel Valencia
Notary Public



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PATENT
Atty. Docket No.: T4110

Title of Invention: **ADAPTIVE THRESHOLD FOR DETECTING TOUCHDOWN OR
CONTAMINATION**


YILIN CAI


2/2/2010
Date

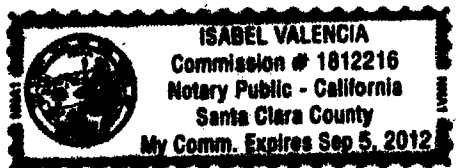
State of California)
County of Santa Clara) ss.

On February 2, 2010, before me, Isabel Valencia, 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.

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Notary Public



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Atty. Docket No.: T4110

Title of Invention: **ADAPTIVE THRESHOLD FOR DETECTING TOUCHDOWN OR
CONTAMINATION**


DON BRUNETT

2/2/2010
Date

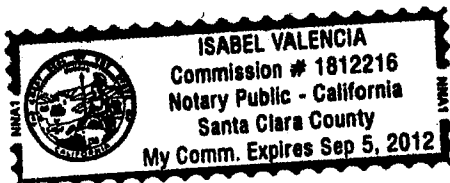
State of California)
County of Santa Clara) ss.

On February 2, 2010, before me, Isabel Valencia, Notary Public, personally appeared **DON BRUNETT** 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.

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WITNESS my hand and official seal.


Notary Public



PATENT

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RECORDED: 03/01/2010

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