

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>QINGZHI PENG</td><td>04/11/2008</td></tr><tr><td>KATHY X. TANG</td><td>04/24/2008</td></tr></tbody></table>		Name	Execution Date	QINGZHI PENG	04/11/2008	KATHY X. TANG	04/24/2008
Name	Execution Date						
QINGZHI PENG	04/11/2008						
KATHY X. TANG	04/24/2008						
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							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12049557</td></tr></tbody></table>		Property Type	Number	Application Number:	12049557		
Property Type	Number						
Application Number:	12049557						
CORRESPONDENCE DATA							
Fax Number:	(949)672-6604						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	949-672-7871						
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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:	T3140						
NAME OF SUBMITTER:	Renee M. Quick						
Total Attachments: 3 source=T3140_Assignment_EFS#page1.tif source=T3140_Assignment_EFS#page2.tif							

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PATENT  
REEL: 020937 FRAME: 0095



**ASSIGNMENT**

Whereas, we, **QINGZHI PENG**, a citizen of **United States of America**, residing at **San Jose, California**; and **KATHY X. TANG** a citizen of **the United States of America**, residing at **Fremont, California**, have invented certain new and useful improvements in **WRITING HIGH FREQUENCY PATTERN OVER A DC BACKGROUND TO DETECT SKIP TRACK ERASURE FOR A DISK DRIVE** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **March 17, 2008**, Application No. **12/049,557** (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.: T3140

Title of Invention: **WRITING HIGH FREQUENCY PATTERN OVER A DC BACKGROUND  
TO DETECT SKIP TRACK ERASURE FOR A DISK DRIVE**

  
\_\_\_\_\_  
QINGZHI PENG

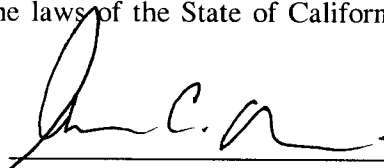
4/11/2008  
\_\_\_\_\_  
Date

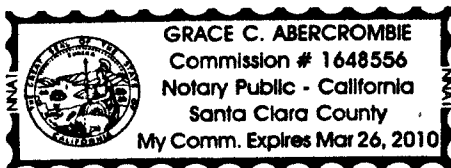
State of California                    )  
  ) ss.  
County of                                )

On April 11, 2008, before me, GRACE C. ABERCROMBIE, Notary Public, personally appeared **QINGZHI PENG** 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.: T3140

Title of Invention: **WRITING HIGH FREQUENCY PATTERN OVER A DC BACKGROUND  
TO DETECT SKIP TRACK ERASURE FOR A DISK DRIVE**

Kathy Tang  
KATHY X. TANG

4/24/2008  
Date

State of California )  
 ) ss.  
County of )

On APRIL 24, 2008, before me, GRACE C. ABERCROMBIE, Notary Public, personally appeared **KATHY X. TANG** 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  
Notary Public

