

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>Mahendra PAKALA</td><td>09/22/2009</td></tr><tr><td>Rongfu XIAO</td><td>09/16/2009</td></tr><tr><td>Chando PARK</td><td>09/18/2009</td></tr></tbody></table>	Name	Execution Date	Mahendra PAKALA	09/22/2009	Rongfu XIAO	09/16/2009	Chando PARK	09/18/2009	
Name	Execution Date								
Mahendra PAKALA	09/22/2009								
Rongfu XIAO	09/16/2009								
Chando PARK	09/18/2009								
RECEIVING PARTY DATA									
Name:	WESTERN DIGITAL (FREMONT), LLC								
Street Address:	44100 OSGOOD ROAD								
City:	FREMONT								
State/Country:	CALIFORNIA								
Postal Code:	94539								
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>12534091</td></tr></tbody></table>	Property Type	Number	Application Number:	12534091					
Property Type	Number								
Application Number:	12534091								
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								
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:	F3862								
NAME OF SUBMITTER:	Andrew D. Mickelsen, Reg. No. 50,957								
Total Attachments: 4 source=F3862_084369-0030_Assignment#page1.tif									

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ASSIGNMENT

Whereas, we, **MAHENDRA PAKALA**, a citizen of **US**, residing at **Fremont, California**; **RONGFU XIAO** a citizen of **US**, residing at **Fremont, California**; and **CHANDO PARK**, a citizen of **Korea**, residing at **Palo Alto, California**, have invented certain new and useful improvements in **MAGNETIC ETCH-STOP LAYER FOR MAGNETORESISTIVE READ HEADS** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **July 31, 2009**, Application No. **12/534,091** (hereafter "Application"); and

Whereas, **Western Digital (Fremont), LLC** (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.: F3862

Title of Invention: **MAGNETIC ETCH-STOP LAYER FOR MAGNETORESISTIVE READ HEADS**



MAHENDRA PAKALA

9/22/9

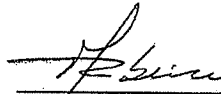
Date

State of California)
) ss.
County of ALAMEDA)

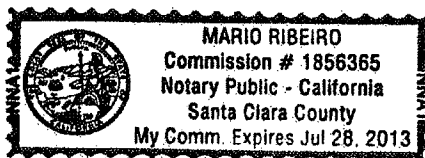
On 09-22-09, before me, MARIO RIBEIRO, Notary Public, personally appeared **MAHENDRA PAKALA** who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, 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.



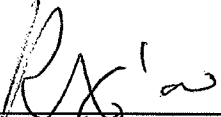
Notary Public



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Atty. Docket No.: F3862

Title of Invention: **MAGNETIC ETCH-STOP LAYER FOR MAGNETORESISTIVE READ HEADS**



RONGFU XIAO

9/16/09

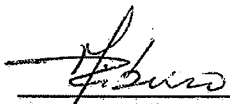
Date

State of California)
) ss.
County of ALAMEDA)

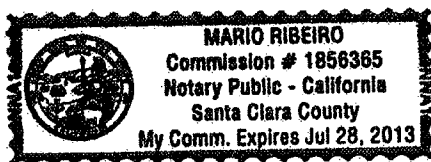
On 09-16-09, before me, MARIO RIBEIRO, Notary Public, personally appeared **RONGFU XIAO** who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and 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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PATENT
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Title of Invention: **MAGNETIC ETCH-STOP LAYER FOR MAGNETORESISTIVE READ HEADS**


CHANDO PARK


9/18/2009
Date

State of California)
) ss.
County of Santa Clara)

On September 18, 2009 before me, Bianca Galindo, Notary Public, personally appeared **CHANDO 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

