

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LEI LARRY ZHANG	05/22/2006
RECEIVING PARTY DATA	
Name:	WESTERN DIGITAL (FREMONT), LLC
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City:	FREMONT
State/Country:	CALIFORNIA
Postal Code:	94539
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13905773
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ATTORNEY DOCKET NUMBER:	R1978.D1.D1
NAME OF SUBMITTER:	Lewana Stoudemire
Signature:	/Lewana Stoudemire/
Date:	08/14/2013
Total Attachments: 1 source=R1978_Assignment_EFS#page1.tif	

CH \$40.00 13905773

ASSIGNMENT

Whereas, I, **LEI LARRY ZHANG**, a citizen of USA, residing at **SAN JOSE, California**, have invented certain new and useful improvements in **METHOD AND SYSTEM FOR PROVIDING PERPENDICULAR MAGNETIC RECORDING TRANSDUCERS UTILIZING A DAMASCENE APPROACH** (hereafter "Improvements") for which I have executed an application for a United States Patent filed on **HEREWITH**, Application No. **UNKNOWN** (hereafter "Application"); and

Whereas, **Western Digital (Fremont), 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, I, the inventor, do hereby acknowledge that I 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 I 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.

I hereby covenant and agree that I 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.



LEI LARRY ZHANG

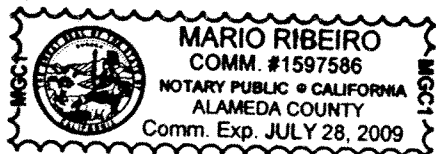
5/22/06

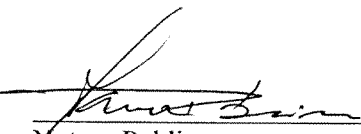
Date

State of California)
) ss.
County of ALAMEDA)

On 05/22/06, before me, MARIO RIBEIRO, Notary Public, personally appeared **LEI LARRY ZHANG** and 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 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.

WITNESS my hand and official seal.





Notary Public