

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>YINSHI LIU</td><td>11/09/2004</td></tr><tr><td>BENJAMIN CHEN</td><td>04/25/2004</td></tr><tr><td>KYUSIK SIN</td><td>04/27/2004</td></tr><tr><td>HONGPING YUAN</td><td>04/26/2004</td></tr></tbody></table>	Name	Execution Date	YINSHI LIU	11/09/2004	BENJAMIN CHEN	04/25/2004	KYUSIK SIN	04/27/2004	HONGPING YUAN	04/26/2004	
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YINSHI LIU	11/09/2004										
BENJAMIN CHEN	04/25/2004										
KYUSIK SIN	04/27/2004										
HONGPING YUAN	04/26/2004										
RECEIVING PARTY DATA											
Name:	Western Digital (Fremont), Inc.										
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>11779218</td></tr></tbody></table>	Property Type	Number	Application Number:	11779218							
Property Type	Number										
Application Number:	11779218										
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:	Renee M. Quick										
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Address Line 2:	Location E118-H										
Address Line 4:	Lake Forest, CALIFORNIA 92630										
ATTORNEY DOCKET NUMBER:	R1867.C1										
NAME OF SUBMITTER:	Renee M. Quick										

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PATENT
REEL: 019568 FRAME: 0759

Total Attachments: 4

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PATENT

REEL: 019568 FRAME: 0760

ASSIGNMENT

Whereas, I, YINSHI LIU, a United States citizen, residing at Foster City, California, have invented certain new and useful improvements in METHOD OF FABRICATING A PERPENDICULAR RECORDING WRITE HEAD HAVING A GAP WITH TWO PORTIONS (hereafter "Improvements") for which I have executed an application for a United States Patent filed April 30, 2004, Application No. 10/837,350 (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, in consideration of One Dollar (\$1.00), and other 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.


YINSHI LIU
11/9/04
Date

State of California)
) ss.
County of)

On _____, before me, _____, Notary Public, personally appeared YINSHI LIU 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 executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

Notary Public

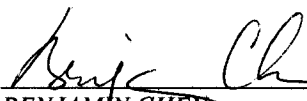
ASSIGNMENT

Whereas, I, BENJAMIN CHEN, a United States citizen, residing at San Jose, California, have invented certain new and useful improvements in TRANSDUCERS FOR PERPENDICULAR RECORDING WITH TRAPEZOIDAL POLE TIPS (hereafter "Improvements") for which I have executed an application for a United States Patent filed 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, in consideration of One Dollar (\$1.00), and other 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.


BENJAMIN CHEN
8/25/04
Date

State of California)
) ss.
County of)

On _____, before me, _____, Notary Public, personally appeared BENJAMIN CHEN 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 executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

Notary Public


ASSIGNMENT

Whereas, I, KYUSIK SIN, a Rep of Korea citizen, residing at Pleasanton, California, have invented certain new and useful improvements in TRANSDUCERS FOR PERPENDICULAR RECORDING WITH TRAPEZOIDAL POLE TIPS (hereafter "Improvements") for which I have executed an application for a United States Patent filed 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, in consideration of One Dollar (\$1.00), and other 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.

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KYUSIK SIN
4/27/04

Date

State of California)
) ss.
County of)

On _____, before me, _____, Notary Public, personally appeared KYUSIK SIN 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 executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

Notary Public

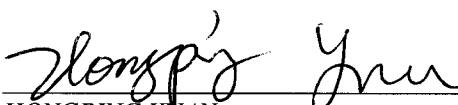
ASSIGNMENT

Whereas, I, HONGPING YUAN, a United States citizen, residing at Fremont, California, have invented certain new and useful improvements in TRANSDUCERS FOR PERPENDICULAR RECORDING WITH TRAPEZOIDAL POLE TIPS (hereafter "Improvements") for which I have executed an application for a United States Patent filed 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, in consideration of One Dollar (\$1.00), and other 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.

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HONGPING YUAN
4/26/04
Date

State of California)
) ss.
County of)

On _____, before me, _____, Notary Public, personally appeared HONGPING YUAN 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 executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

Notary Public