

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>YANFENG CHEN</td> <td>11/15/2010</td> </tr> <tr> <td>YUNJUN TANG</td> <td>11/15/2010</td> </tr> <tr> <td>YANA QIAN</td> <td>11/23/2010</td> </tr> <tr> <td>MING M. YANG</td> <td>11/17/2010</td> </tr> <tr> <td>YUNFEI LI</td> <td>11/30/2010</td> </tr> <tr> <td>PAUL E. ANDERSON</td> <td>11/16/2010</td> </tr> </tbody> </table>		Name	Execution Date	YANFENG CHEN	11/15/2010	YUNJUN TANG	11/15/2010	YANA QIAN	11/23/2010	MING M. YANG	11/17/2010	YUNFEI LI	11/30/2010	PAUL E. ANDERSON	11/16/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>WESTERN DIGITAL (FREMONT), LLC</td> </tr> <tr> <td>Street Address:</td> <td>44100 OSGOOD ROAD</td> </tr> <tr> <td>City:</td> <td>FREMONT</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94539</td> </tr> </table>		Name:	WESTERN DIGITAL (FREMONT), LLC	Street Address:	44100 OSGOOD ROAD	City:	FREMONT	State/Country:	CALIFORNIA	Postal Code:	94539				
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CORRESPONDENCE DATA															
<p>Fax Number: (949)672-6604</p> <p><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: IP LAW DEPARTMENT</p> <p>Address Line 2: 3355 MICHELSON DRIVE, SUITE 100</p> <p>Address Line 4: IRVINE, CALIFORNIA 92612</p>															
ATTORNEY DOCKET NUMBER:	F4427														

CH \$40.00 12943835

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PATENT
REEL: 025611 FRAME: 0393

NAME OF SUBMITTER:

Renee M. Quick

Total Attachments: 7

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ASSIGNMENT

Whereas, we, **YANFENG CHEN**, a citizen of **People's Republic of China**, residing at **Milpitas, California**; **YUNJUN TANG** a citizen of **People's Republic of China**, residing at **Pleasanton, California**; **YANA QIAN**, a citizen of **People's Republic of China**, residing at **Sunnyvale, California**; **MING M. YANG**, a citizen of **the United States of America**, residing at **San Jose, California**; **YUNFEI LI**, a citizen of **People's Republic of China**, residing at **Fremont, California**; and **PAUL E. ANDERSON**, a citizen of **the United States of America**, residing at **Fremont, California**, have invented certain new and useful improvements in **DAMASCENE PROCESS USING PVD SPUTTER CARBON FILM AS CMP STOP LAYER FOR FORMING A MAGNETIC RECORDING HEAD** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **November 10, 2010**, Application No. **12/943,835** (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.: F4427

Title of Invention: **DAMASCENE PROCESS USING PVD SPUTTER CARBON FILM AS CMP STOP LAYER FOR FORMING A MAGNETIC RECORDING HEAD**

Yanfeng Chen
YANFENG CHEN

11/15/10
Date

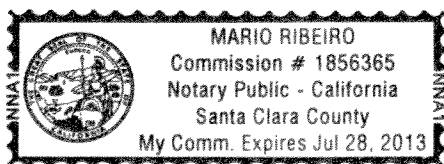
State of California)
County of ALAMEDA) ss.

On 11/15/10, before me, MARIO RIBEIRO, Notary Public, personally appeared **YANFENG CHEN** 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.

Mario Ribeiro
Notary Public



ASSIGNMENT

PATENT

Atty. Docket No.: F4427

Title of Invention: **DAMASCENE PROCESS USING PVD SPUTTER CARBON FILM AS CMP STOP LAYER FOR FORMING A MAGNETIC RECORDING HEAD**

Tang Yunjun

YUNJUN TANG

11/15/2010

Date

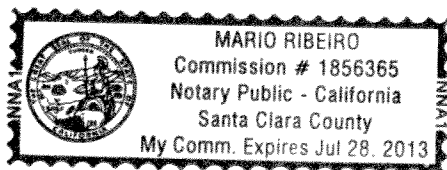
State of California)
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On 11/15/10, before me, MARIO RIBEIRO, Notary Public, personally appeared **YUNJUN TANG** who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged 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.

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M. Ribeiro
Notary Public

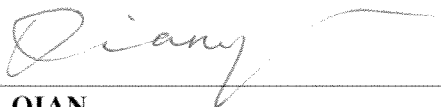


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Title of Invention: **DAMASCENE PROCESS USING PVD SPUTTER CARBON FILM AS CMP STOP LAYER FOR FORMING A MAGNETIC RECORDING HEAD**


YANA QIAN


11/23/10
Date

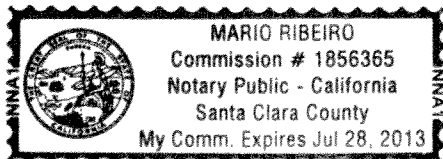
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Notary Public



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Title of Invention: **DAMASCENE PROCESS USING PVD SPUTTER CARBON FILM AS CMP STOP LAYER FOR FORMING A MAGNETIC RECORDING HEAD**

Ming M. Yang
MING M. YANG

11/17/2010
Date

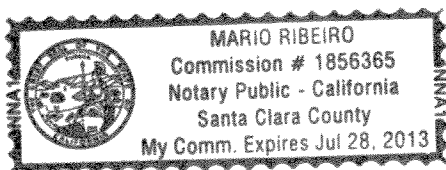
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) ss.
County of ALAMEDA)

On 11/17/10, before me, MARIO RIBEIRO, Notary Public, personally appeared **MING M. YANG** 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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Y F L
YUNFEI LI

11/30/10
Date

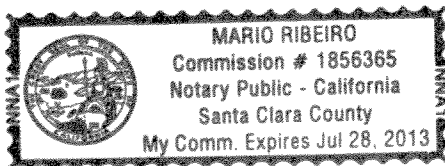
State of California)
County of ALAMEDA) ss.

On 11/30/10, before me, MARIO RIBEIRO, Notary Public, personally appeared **YUNFEI LI** 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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Mario Ribeiro
Notary Public



PATENT
Atty. Docket No.: F4427


PAUL E. ANDERSON

PATENT
REEL: 025611 FRAME: 0401