**PATENT ASSIGNMENT**

**SUBMISSION TYPE:** NEW ASSIGNMENT

**NATURE OF CONVEYANCE:** ASSIGNMENT

**CONVEYING PARTY DATA**

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEI WANG</td>
<td>01/17/2012</td>
</tr>
<tr>
<td>WILLIAM J. KOZLOVSKY</td>
<td>01/17/2012</td>
</tr>
</tbody>
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**RECEIVING PARTY DATA**

<table>
<thead>
<tr>
<th>Name:</th>
<th>WESTERN DIGITAL (FREMONT), LLC</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

**PROPERTY NUMBERS Total: 1**

<table>
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<tr>
<th>Property Type</th>
<th>Number</th>
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<tbody>
<tr>
<td>Application Number</td>
<td>13332293</td>
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**CORRESPONDENCE DATA**

Fax Number: (949)672-6604
Phone: (949) 672-7871
Email: renee.quick@wdc.com

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

<table>
<thead>
<tr>
<th>Correspondent Name</th>
<th>WESTERN DIGITAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address Line 1</td>
<td>ATTN: IP LAW DEPARTMENT</td>
</tr>
<tr>
<td>Address Line 2</td>
<td>3355 MICHELSON DRIVE, SUITE 100</td>
</tr>
<tr>
<td>Address Line 4</td>
<td>IRVINE, CALIFORNIA 92612</td>
</tr>
</tbody>
</table>

**ATTORNEY DOCKET NUMBER:** F5556

**NAME OF SUBMITTER:** Renee M. Quick

Total Attachments: 3
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ASSIGNMENT

Whereas, we, LEI WANG, a citizen of the United States of America, residing at Fremont, California; and WILLIAM J. KOZLOVSKY a citizen of the United States of America, residing at Sunnyvale, California, have invented certain new and useful improvements in METHOD AND SYSTEM FOR ALIGNING SUBSTRATES FOR DIRECT LASER COUPLING IN AN ENERGY ASSISTED MAGNETIC RECORDING HEAD (hereafter “Improvements”) for which we have executed an application for a United States Patent filed December 20, 2011, Application No. 13/332,293 (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.
Title of Invention: METHOD AND SYSTEM FOR ALIGNING SUBSTRATES FOR DIRECT LASER COUPLING IN AN ENERGY ASSISTED MAGNETIC RECORDING HEAD

LEI WANG

Date

State of California )
) ss.
County of ALAMEDA )

On 01/17/12, before me, MARIO Ribeiro, Notary Public, personally appeared LEI WANG who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Signature: ____________________________
Signature of Notary Public

MARIO RIBEIRO
Commission # 1856365
Notary Public - California
Santa Clara County
ASSIGNMENT

Title of Invention: METHOD AND SYSTEM FOR ALIGNING SUBSTRATES FOR DIRECT LASER COUPLING IN AN ENERGY ASSISTED MAGNETIC RECORDING HEAD

WILLIAM J. KOZLOVSKY

1/17/12 Date

State of California )
 ) ss.
County of ALAMEDA )

On 01/17/12, before me, MARIO RIBEIRO, Notary Public, personally appeared WILLIAM J. KOZLOVSKY who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

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Signature of Notary Public

MARIO RIBEIRO
Commission # 1856365
Notary Public - California
Santa Clara County