

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>Fu-Ying Huang</td> <td>03/19/2012</td> </tr> <tr> <td>Xiaotian Sun</td> <td>03/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Fu-Ying Huang	03/19/2012	Xiaotian Sun	03/21/2012		
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Xiaotian Sun	03/21/2012								
RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.</td> </tr> <tr> <td>Street Address:</td> <td>LOCATELLIKADE 1, PARNASSUSTOREN</td> </tr> <tr> <td>City:</td> <td>1076 AZ AMSTERDAM</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> </table>		Name:	HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.	Street Address:	LOCATELLIKADE 1, PARNASSUSTOREN	City:	1076 AZ AMSTERDAM	State/Country:	NETHERLANDS
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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>13427762</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13427762				
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Application Number:	13427762								
CORRESPONDENCE DATA									
<p>Fax Number: (408)717-9155</p> <p>Email: tom.berthold@comcast.net</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: HITACHI GLOBAL STORAGE TECHNOLOGIES</p> <p>Address Line 1: 5600 COTTLE ROAD</p> <p>Address Line 4: San Jose, CALIFORNIA 95193</p>									
ATTORNEY DOCKET NUMBER:	HSJ920110101US1								
NAME OF SUBMITTER:	Thomas R. Berthold								
<p>Total Attachments: 2</p> <p>source=HSJ920110101US1_AssignmentSigned#page1.tif</p> <p>source=HSJ920110101US1_AssignmentSigned#page2.tif</p>									

CH \$40.00 13427762

ASSIGNMENT FOR PATENT APPLICATION

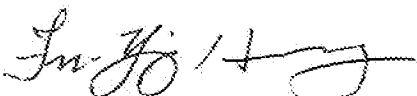
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

MAGNETIC RECORDING DISK DRIVE WITH THREE SENSORS FOR ROTATIONAL AND LINEAR VIBRATION COMPENSATION

Whereas, Hitachi Global Storage Technologies Netherlands B.V., having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereinafter referred to as "HITACHI"), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby sell, assign, and transfer to HITACHI, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to HITACHI, its successors and assigns; and we hereby agree that HITACHI may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by HITACHI.

Signed on the date(s) indicated beside my (our) signature(s).

1.	Full Name	Fu-Ying Huang
Inventor's Signature		date 3/18/2012

2.	Full Name	Xiaotian Sun
Inventor's Signature		date

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Signed on the date(s) indicated beside my (our) signature(s).

1.	Full Name	Fu-Ying Huang
Inventor's Signature		date

2.	Full Name	Xiaotian Sun
Inventor's Signature		date 03/21/2012