

## 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>Koji KATAOKA</td> <td>09/20/2013</td> </tr> <tr> <td>Takashi WAGATSUMA</td> <td>09/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	Koji KATAOKA	09/20/2013	Takashi WAGATSUMA	09/20/2013				
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Takashi WAGATSUMA	09/20/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>HGST Netherlands B.V.</td> </tr> <tr> <td>Street Address:</td> <td>Herikerbergweg 238, Luna ArenA</td> </tr> <tr> <td>City:</td> <td>Amsterdam</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>1101 CM</td> </tr> </table>		Name:	HGST Netherlands B.V.	Street Address:	Herikerbergweg 238, Luna ArenA	City:	Amsterdam	State/Country:	NETHERLANDS	Postal Code:	1101 CM
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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>13341773</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13341773						
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Application Number:	13341773										
CORRESPONDENCE DATA											
<p>Fax Number: 9526972631  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 952.697.2636        Email: mmiller@billionarmitage.com        Correspondent Name: Jamieson W. Fish        Address Line 1: 7401 Metro Blvd.        Address Line 2: Suite 425        Address Line 4: Minneapolis, MINNESOTA 55439</p>											
ATTORNEY DOCKET NUMBER:	1154.017US1										
NAME OF SUBMITTER:	Jamieson W. Fish										
Signature:	/Jamieson W. Fish/										
Date:	09/20/2013										
Total Attachments: 1 source=Assignment_017#page1.tif											

CH \$40.00 13341773

## ASSIGNMENT FOR PATENT APPLICATION

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

### MAGNETIC HEAD HAVING STABLE SHIELD DOMAIN STRUCTURE

☐ will be filed without this executed PATENT ASSIGNMENT. THE UNDERSIGNED hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Billion & Armitage, who are associated with customer number 117460, to insert here in parenthesis (U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_) this application's U.S. Serial Number and filing date, when known;

☒ was filed on 30 December 2011 and was given U.S. Serial No. 13/641,773 ; or

Whereas, **HGST Netherlands B.V.**, having a place of business at **Herikerbergweg 238, Luna Arena, 1101 CM Amsterdam, The Netherlands** (hereinafter referred to as "HGST"), 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 HGST, 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 HGST, its successors and assigns; and we hereby agree that HGST 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 HGST.

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

1) Signature: 片岡 宏治  
Typed Name: Koji KATAOKA

Date: Sep. 20, 2013

2) Signature: 我妻 崇  
Typed Name: Takashi WAGATSUMA

Date: Sep. 20, 2013