

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>Akemi HIROTSUNE</td> <td>07/01/2013</td> </tr> <tr> <td>Ikuko TAKEKUMA</td> <td>07/02/2013</td> </tr> <tr> <td>Junichi SAYAMA</td> <td>07/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	Akemi HIROTSUNE	07/01/2013	Ikuko TAKEKUMA	07/02/2013	Junichi SAYAMA	07/01/2013		
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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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CORRESPONDENCE DATA											
<p>Fax Number: 8317222350 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-377-0500</p> <p>Email: patents@wagnerblecher.com</p> <p>Correspondent Name: HGST C/O WAGNER BLECHER LLP</p> <p>Address Line 1: 123 WESTRIDGE DRIVE</p> <p>Address Line 4: WATSONVILLE, CALIFORNIA 95076</p>											
ATTORNEY DOCKET NUMBER:	HJP920130019US1										
NAME OF SUBMITTER:	Amber Grewer										
Signature:	/Amber Grewer/										
Date:	07/11/2013										
<p>Total Attachments: 1</p> <p>source=Ex Assignment HJP920130019US1#page1.tif</p>											

CH \$40.00 13940132

ASSIGNMENT FOR PATENT APPLICATION

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

PERPENDICULAR MAGNETIC RECORDING MEDIUM

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: Akemi Hirotsune Date: 01/07/2013
Typed Name: Akemi HIROTSUNE
- 2) Signature: Ikuko Takekuma Date: 02/07/2013
Typed Name: Ikuko TAKEKUMA
- 3) Signature: Junichi Sayama Date: 01/07/2013
Typed Name: Junichi SAYAMA