

PATENT ASSIGNMENT

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Gunn Choe</td> <td>02/19/2009</td> </tr> <tr> <td>Yoshihiro Ikeda</td> <td>02/19/2009</td> </tr> <tr> <td>Mohammad T. Mirzamaani</td> <td>02/20/2009</td> </tr> <tr> <td>Jinliu Wang</td> <td>02/05/2009</td> </tr> </tbody> </table>		Name	Execution Date	Gunn Choe	02/19/2009	Yoshihiro Ikeda	02/19/2009	Mohammad T. Mirzamaani	02/20/2009	Jinliu Wang	02/05/2009
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RECEIVING PARTY DATA											
Name:	Hitachi Global Storage Technologies Netherlands B.V.										
Street Address:	Locatellikade 1, Parnassustoren										
City:	Amsterdam										
State/Country:	NETHERLANDS										
Postal Code:	1076 AZ										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12317650</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12317650						
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Application Number:	12317650										
CORRESPONDENCE DATA											
Fax Number:	(408)717-9063										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	408-717-5621										
Email:	marcia.mingione@hitachigst.com										
Correspondent Name:	Hitachi Global Storage Technologies										
Address Line 1:	3403 Yerba Buena Road										
Address Line 2:	IP LAW DEPT										
Address Line 4:	San Jose, CALIFORNIA 95135										
ATTORNEY DOCKET NUMBER:	HSJ920080129US1										
NAME OF SUBMITTER:	Marcia Mingione										
Total Attachments: 2											

CH \$40.00 12317650

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ASSIGNMENT FOR PATENT APPLICATION


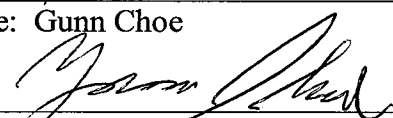
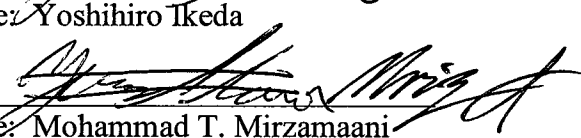
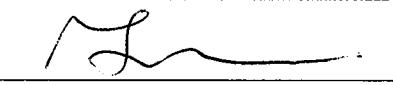
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

MAGNETIC RECORDING CAPPING LAYER WITH MULTIPLE LAYERS FOR CONTROLLING ANISOTROPY FOR PERPENDICULAR RECORDING MEDIA

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) Signature:  Date: 2/19/2009
Typed Name: Gunn Choe
- 2) Signature:  Date: 2/19/09
Typed Name: Yoshihiro Ikeda
- 3) Signature:  Date: 2/20/09
Typed Name: Mohammad T. Mirzamaani
- 4) Signature:  Date: 12/15/2008
Typed Name: Kai Tang
- 5) Signature: _____ Date: _____
Typed Name: Jinliu Wang

ASSIGNMENT FOR PATENT APPLICATION

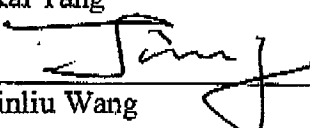
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Typed Name: Jinliu Wang