

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>Satoru Araki</td><td>10/27/2010</td></tr><tr><td>Diane L. Brown</td><td>08/25/2010</td></tr><tr><td>Hiroaki Chihaya</td><td>08/27/2010</td></tr><tr><td>Dustin W. Erickson</td><td>08/26/2010</td></tr><tr><td>David J. Seagle</td><td>08/26/2010</td></tr></tbody></table>		Name	Execution Date	Satoru Araki	10/27/2010	Diane L. Brown	08/25/2010	Hiroaki Chihaya	08/27/2010	Dustin W. Erickson	08/26/2010	David J. Seagle	08/26/2010
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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, 1076 AZ</td></tr><tr><td>City:</td><td>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, 1076 AZ	City:	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>12916256</td></tr></tbody></table>		Property Type	Number	Application Number:	12916256								
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CORRESPONDENCE DATA													
Fax Number: (713)623-4846 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	HSJ920100015US2												
NAME OF SUBMITTER:	Mimi Corona												
Total Attachments: 3 source=HSJ920100015US2_Assignment#page1.tif													

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ASSIGNMENT FOR PATENT APPLICATION

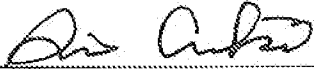
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

MATERIAL FOR USE IN A TMR READ GAP WITHOUT ADVERSELY AFFECTING THE TMR EFFECT

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: 10/27/10
Typed Name: Satoru Araki
- 2) Signature: _____ Date: _____
Typed Name: Diane L. Brown
- 3) Signature: _____ Date: _____
Typed Name: Hiroaki Chihaya
- 4) Signature: _____ Date: _____
Typed Name: Dustin W. Erickson
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- 1) Signature: _____ Date: _____
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- 1) Signature: _____ Date: _____
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- 2) Signature: _____ Date: _____
Typed Name: Diane L. Brown
- 3) Signature: Hiroaki Chihaya Date: Aug. 27. 2010
Typed Name: Hiroaki Chihaya
- 4) Signature: _____ Date: _____
Typed Name: Dustin W. Erickson
- 5) Signature: _____ Date: _____
Typed Name: David J. Seagle