

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>Liubo Hong</td> <td>08/26/2010</td> </tr> <tr> <td>Fenglin Liu</td> <td>08/26/2010</td> </tr> <tr> <td>Qiping Zhong</td> <td>08/26/2010</td> </tr> <tr> <td>Honglin Zhu</td> <td>08/25/2010</td> </tr> </tbody> </table>		Name	Execution Date	Liubo Hong	08/26/2010	Fenglin Liu	08/26/2010	Qiping Zhong	08/26/2010	Honglin Zhu	08/25/2010
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Liubo Hong	08/26/2010										
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Honglin Zhu	08/25/2010										
RECEIVING PARTY DATA											
Name:	HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.										
Street Address:	Locatellikade 1, Parnassustoren, 1076 AZ										
City:	Amsterdam										
State/Country:	NETHERLANDS										
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>12954485</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12954485						
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Application Number:	12954485										
CORRESPONDENCE DATA											
Fax Number:	(713)623-4846										
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NAME OF SUBMITTER:	Mimi Corona										
Total Attachments: 1 source=HSJ920100048US1_Assignment#page1.tif											

CH \$40.00 12954485

ASSIGNMENT FOR PATENT APPLICATION

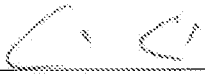
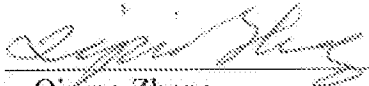
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

PROCESS TO MAKE PMR WRITER WITH LEADING EDGE SHIELD (LES) AND LEADING EDGE TAPER (LET)

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: 8/26/2010
Typed Name: Liubo Hong
- 2) Signature:  Date: 8/26/2010
Typed Name: Fenglin Liu
- 3) Signature:  Date: 8/26/2010
Typed Name: Qiping Zhong
- 4) Signature:  Date: 8/25/2010
Typed Name: Honglin Zhu