

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>Mary Frances Minardi</td> <td>02/07/2005</td> </tr> <tr> <td>Mohammad Mirzamaani</td> <td>02/09/2005</td> </tr> <tr> <td>Kai Tang</td> <td>02/07/2005</td> </tr> </tbody> </table>		Name	Execution Date	Mary Frances Minardi	02/07/2005	Mohammad Mirzamaani	02/09/2005	Kai Tang	02/07/2005
Name	Execution Date								
Mary Frances Minardi	02/07/2005								
Mohammad Mirzamaani	02/09/2005								
Kai Tang	02/07/2005								
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>11058538</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11058538				
Property Type	Number								
Application Number:	11058538								
CORRESPONDENCE DATA									
Fax Number:	(801)531-1929								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	801-994-4646								
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NAME OF SUBMITTER:	Brian C. Kunzler								
Total Attachments: 1 source=Assignment#page1.tif									

CH \$40.00 11058538

ASSIGNMENT

Whereas I/we

INVENTOR/CITY
COUNTY/STATE

(1) **Mary Frances Minardi**
County of **Santa Cruz**

City of **Santa Cruz**
State of **California**

(2) **Mohammad Mirzamaani**
County of **Santa Clara**

City of **San Jose**
State of **California**

(3) **Kai Tang**
County of **Santa Clara**

City of **San Jose**
State of **California**

have invented certain improvements in

TITLE

**LAMINATED ANTIFERROMAGNETICALLY COUPLED MEDIA WITH DECOUPLED
MAGNETIC LAYER**

and executed, respectively, a United States patent application therefor on the following date(s):

DATE(S) THE
INVENTOR(S)
SIGNED THE
DECLARATION

(1) 2/7/2005 (2) 2/9/2005
(3) 2/7/2005

Whereas, HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V., having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereinafter called 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, 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:

CITY
DATE

(1) at San Jose
on 2/7, 2005

Mary Frances Minardi
Mary Frances Minardi

(2) at San Jose
on 2/9, 2005

Mohammad Mirzamaani
Mohammad Mirzamaani

(3) at San Jose
on 2/7, 2005

Kai Tang
Kai Tang