

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Thomas R. Albrecht	09/29/2011
Elizabeth Ann Dobisz	10/04/2011
Guoliang Liu	09/29/2011
Ricardo Ruiz	09/29/2011
Gabriel Zeltzer	11/01/2011
RECEIVING PARTY DATA	
Name:	HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.
Street Address:	LOCATELLIKADE 1, PARNASSUSTOREN
City:	1076 AZ AMSTERDAM
State/Country:	NETHERLANDS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13287761
CORRESPONDENCE DATA	
Fax Number:	(408)717-9155
Email:	tom.berthold@comcast.net
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Correspondent Name:	HITACHI GLOBAL STORAGE TECHNOLOGIES
Address Line 1:	5600 COTTLE ROAD
Address Line 4:	San Jose, CALIFORNIA 95193
ATTORNEY DOCKET NUMBER:	HSJ920110075US1
NAME OF SUBMITTER:	Thomas R. Berthold
Total Attachments: 3 source=HSJ920110075US1_AssignmentSigned#page1.tif source=HSJ920110075US1_AssignmentSigned#page2.tif source=HSJ920110075US1_AssignmentSigned#page3.tif	

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PATENT
REEL: 027164 FRAME: 0781

ASSIGNMENT FOR PATENT APPLICATION


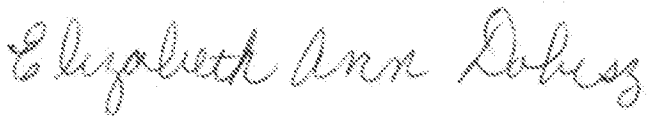
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

METHOD USING BLOCK COPOLYMERS FOR MAKING A MASTER DISK WITH RADIAL NONDATA MARKS FOR NANOIMPRINTING PATTERNED MAGNETIC RECORDING DISKS

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.	Full Name	Thomas R. Albrecht	
	Inventor's Signature		date 9/29/11
2.	Full Name	Elizabeth Ann Dobisz	
	Inventor's Signature		date 10/4/11
3.	Full Name	Guoliang Liu	
	Inventor's Signature	date	

ASSIGNMENT FOR PATENT APPLICATION

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

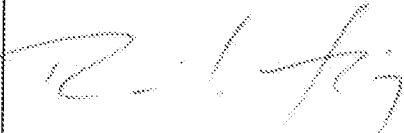
METHOD USING BLOCK COPOLYMERS FOR MAKING A MASTER DISK WITH RADIAL NONDATA MARKS FOR NANOIMPRINTING PATTERNED MAGNETIC RECORDING DISKS

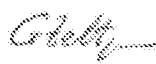
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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby sell, assign, and transfer to HITACHI, its successors and assigns, the entire right, title and interest in the said application and invention 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.	Full Name	Thomas R. Albrecht
	Inventor's Signature	date
2.	Full Name	Elizabeth Ann Dobisz
	Inventor's Signature	date
3.	Full Name	Guoliang Liu
	Inventor's Signature	date <i>Sep. 29. 2011</i>

4.	Full Name	Ricardo Ruiz
Inventor's Signature		date 9/29/11

5.	Full Name	Gabriel Zeltzer
Inventor's Signature		date 10/1/11