501805382 02/01/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jia-Yang Juang	01/31/2012
Hal J. Rosen	01/17/2012
Barry Cushing Stipe	01/09/2012
Timothy Carl Strand	01/16/2012
Petrus Antonius VanDerHeijden	01/31/2012

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:	13102959	

CORRESPONDENCE DATA

Fax Number: (408)717-9155

Email: tom.berthold@comcast.net

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: HITACHI GLOBAL STORAGE TECHNOLOGIES

Address Line 1: 5600 COTTLE ROAD

Address Line 4: San Jose, CALIFORNIA 95193

ATTORNEY DOCKET NUMBER:	HSJ920100115US1
NAME OF SUBMITTER:	Thomas R. Berthold

Total Attachments: 5

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PATENT REEL: 027630 FRAME: 0910

501805382

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 DISK DRIVE WITH SHINGLED WRITING AND WIDE-AREA THERMAL ASSISTANCE

and filed on 5/6/2011 as Application No.: 13/102,959:

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	Jia-Yang Juang	
	Inventor's Signature	Layary Grang	date 01/31/2012
2.		Hal J. Rosen	
	Inventor's Signature	D. C. Hing Stine	date
3.	Full Name	Barry Cushing Stipe	
	Inventor's Signature		date

PATENT REEL: 027630 FRAME: 0911

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 DISK DRIVE WITH SHINGLED WRITING AND WIDE-AREA THERMAL ASSISTANCE

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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	Jia-Yang Juang		
	Inventor's Signature		date	
2.	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OW	Hal J. Rosen		
	Inventor's Signature	1215.2	date	1/17//2
3.	Full Name	Barry Cushing Stipe		
	Inventor`s Signature		date	

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PATENT REEL: 027630 FRAME: 0912

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 DISK DRIVE WITH SHINGLED WRITING AND WIDE-AREA THERMAL ASSISTANCE

and filed on 5/6/2011 as Application No.: 13/102,959:

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	Jia-Yang Juang
	Inventor's Signature	đạte
2.	Full Name	Hal J. Rosen
	Inventor's	
	Signature	date
3.	Full Name	Barry Cushing Stipe
	Inventor's Signature	By Cushing Sen date 1/9/2012

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PATENT REEL: 027630 FRAME: 0913

4.	Full Name	Timothy Carl Strand
	Inventor's Signature	19 16 2012
5.	Full Name	Petrus Antonius VanDerHeijden
	Inventor's Signature	date

Hitachi Docket No.: HSJ920100115US1

Page 1 of 1

4.	Full Name	Timothy Carl Strand		
	Inventor's Signature		date	
5.	Full Name	Petrus Antonius VanDerHeijden		
	Inventor's Signature	Pagale	date	/3)/2012

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