408-558-9960

Form PTO-1595	U.S. Department of Commerce			
Docket No. HSJ9-2004-0357US2 RECORDATION FORM COVER SHEET PATENTS ONLY				
To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Xuhui Jin, Chie Ching Poon, Timothy Carl Strand, and Henry Hung Yang	Name: Hitachi Global Storage Technologies Netherlands B.V.			
Additional name of conveying party attached? □ Yes ☑ No				
3. Nature of conveyance:	Street Address: Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands			
☑ Assignment				
Execution Dates: March 25, 2006, March 20, 2006, March 21, 2006 and March 28, 2006 respectively	Additional name(s) and address(cs) attached? Yes No			
4. Application number(s) or patent numbers:				
If this document is being filed together with a new application, t	the execution date of the application is:			
A. Patent Application No.(s)	B. Patent No.(s)			
11/398,170				
Additional numbers atta				
5. Name and address party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: Robert O. Guillot IPLO Intellectual Property Law Offices	patents involved:			
Street & ddunger 1001 C. Danson, Ave. Swite 660	☑ Enclosed			
Street Address: 1901 S. Bascom Ave., Suite 660 City: Campbell State: California ZIP: 95008	Any discrepancy or overpayment is authorized to be charged to deposit account			
	8. Deposit Account number: 50-2587			
	(Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE	THIS SPACE			
9. Statement and signature.	3			
To the best of my knowledge and belief, the foregoing information original document.	on is true and correct and any attached copy is a true copy of the			
Robert O. Guillot	June 6, 2006			
Name of Person Signing Signature Date Total number of pages including square sheet attachments, and decuments 3				
Total number of pages including cover sheet, attachments, and document: _3_				

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ASSIGNMENT

Whereas, I, Xuhui Jin of	West Lafayette, County of Tippecanoe and State of Indiana, a	and
Chie Ching Poon of San Jose, Ta	mothy Carl Strand of San Jose and Henry Hung Yang, Count	y
of Santa Clara, have invented ce	tain improvements in MULTI-RIDGED	•
SUBWAVELENGTH APERT	URE FOR OPTICAL TRANSMISSION AND	
THERMALLY ASSISTED M	AGNETIC RECORDING and executed, respectively, a Unit	ted
States patent application therefor	on $\frac{3}{2}$, 2006, , 2006,	
, 2006 and	on 3/25, 2006,, 2006,, 2006,	
Whereas, HITACHI GLO	BAL STORAGE TECHNOLOGIES NETHERLANDS B.V	٠,
having a place of business at Lo	atellikade 1, Parnassustoren 1076 AZ Amsterdam, The	
Netherlands, (hereinafter called)	HITACHI), desires to acquire the entire right, title and interes	t in
the said application and inventio	n, and to any United States and foreign patents to be obtained	
therefor;		
Now therefore, for a valu	able consideration, receipt whereof is hereby acknowledged,	I,
the above named, hereby sell, as	sign, and transfer to HITACHI, its successors and assigns, the)
entire right, title and interest in t	ne said application and invention therein disclosed for the Uni	ited
States and foreign countries, and	all rights of priority resulting from the filing of said United	
States application, and I request	he Commissioner of Patents to issue any Letters Patent grant	ed
upon the inventions set forth in s	aid application to HITACHI, its successors and assigns; and I	[
hereby agree that HITACHI may	apply for foreign Letters Patent on said invention and I will	
execute all papers necessary in c	onnection with the United States and foreign applications who	en
called upon to do so by HITACH	I.	
Signed		
At San Jose	Vala	
on $3/V$, 2006	YIHII IIN	
on <u>7///</u> , 2000	XOITOI JIIV	
At San Jose		
on, 2006	CHIE CHING POON	
At San Jose		
on, 2006	TIMOTHY CARL STRAND	
At San Jose	TOO TO VITTE ON VINE	
on . 2006	HENRY HUNG YANG	

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ASSIGNMENT

Chie Ching Poon of Santa Clara, ha SUBWAVELEN THERMALLY	of San Jose, ' ive invented of GTH APER ASSISTED N	Timothy Carl Streetain improven TURE FOR OF MAGNETIC RE	e, County of Tippecanoe and State of Indiana, and rand of San Jose and Henry Hung Yang, County nents in MULTI-RIDGED PTICAL TRANSMISSION AND ECORDING and executed, respectively, a United
having a place of Netherlands, (her	business at L einafter called	ocatellikade 1, P i HITACHI), de	GE TECHNOLOGIES NETHERLANDS B.V., arnassustoren 1076 AZ Amsterdam, The sires to acquire the entire right, title and interest in Inited States and foreign patents to be obtained
the above named, entire right, title a States and foreign States application upon the invention hereby agree that	hereby sell, and interest in a countries, and and I request in set forth in HITACHI managers in	assign, and trans the said applica ad all rights of protect the Commission said application ay apply for fore connection with	tion, receipt whereof is hereby acknowledged, I, fer to HITACHI, its successors and assigns, the tion and invention therein disclosed for the United fiority resulting from the filing of said United oner of Patents to issue any Letters Patent granted to HITACHI, its successors and assigns; and I sign Letters Patent on said invention and I will the United States and foreign applications when
Signed			
At San Jose			
	, 2006		XUHUI JIN
At San Jose on <i>MARCA</i> 20	, 2006		CHIE CHING POON
At San Jose on 3/3/	, 2006		Timothy Carl Steines
At San Jose on 3/28	, 2006		HENRY HUNG YANG

PATENT REEL: 017743 FRAME: 0763

RECORDED: 06/06/2006