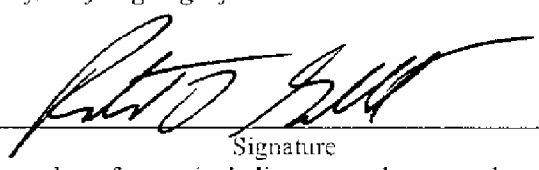


Form PTO-1595		U.S. Department of Commerce	
RECORDATION FORM COVER SHEET			
Docket No. HSI9-2004-0357US2		PATENTS ONLY	
To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Xuhui Jin, Chie Ching Poon, Timothy Carl Strand, and Henry Hung Yang Additional name of conveying party attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: Hitachi Global Storage Technologies Netherlands B.V. Street Address: Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment Execution Dates: March 25, 2006, March 20, 2006, March 21, 2006 and March 28, 2006 respectively			
4. Application number(s) or patent numbers: If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 11/398,170 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address party to whom correspondence concerning document should be mailed: Name: Robert O. Guillot IPLO Intellectual Property Law Offices Street Address: 1901 S. Bascom Ave., Suite 660 City: Campbell State: California ZIP: 95008		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> 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. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Robert O. Guillot Name of Person Signing  Signature June 6, 2006 Date Total number of pages including cover sheet, attachments, and document: <u>3</u>			

CH \$40.00 502587 11398170

ASSIGNMENT

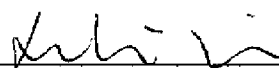
Whereas, I, Xuhui Jin of West Lafayette, County of Tippecanoe and State of Indiana, and Chie Ching Poon of San Jose, Timothy Carl Strand of San Jose and Henry Hung Yang, County of Santa Clara, have invented certain improvements in **MULTI-RIDGED SUBWAVELENGTH APERTURE FOR OPTICAL TRANSMISSION AND THERMALLY ASSISTED MAGNETIC RECORDING** and executed, respectively, a United States patent application therefor on 3/25, 2006, _____, 2006, _____, 2006 and _____, 2006,

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 therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 I 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 I hereby agree that HITACHI may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by HITACHI.

Signed

At San Jose
on 3/25, 2006


XUHUI JIN

At San Jose
on _____, 2006

CHIE CHING POON

At San Jose
on _____, 2006

TIMOTHY CARL STRAND

At San Jose
on _____, 2006

HENRY HUNG YANG

ASSIGNMENT

Whereas, I, Xuhui Jin of West Lafayette, County of Tippecanoe and State of Indiana, and Chie Ching Poon of San Jose, Timothy Carl Strand of San Jose and Henry Hung Yang, County of Santa Clara, have invented certain improvements in **MULTI-RIDGED SUBWAVELENGTH APERTURE FOR OPTICAL TRANSMISSION AND THERMALLY ASSISTED MAGNETIC RECORDING** and executed, respectively, a United States patent application therefor on _____, 2006, MARCH 20, 2006, 3/21, 2006 and 3/28, 2006,

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 therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 I 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 I hereby agree that HITACHI may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by HITACHI.

Signed

At San Jose
on _____, 2006

XUHUI JIN

At San Jose
on MARCH 20, 2006

CHIE CHING POON

At San Jose
on 3/21, 2006

TIMOTHY CARL STRAND

At San Jose
on 3/28, 2006

HENRY HUNG YANG