Docket: JP920020044US1

US Department Of Commerce Patent & Trademark Office

Recordation Form Cover Sheet PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Name: Hitachi Global Storage Technologies Masacmi Ikeda Netherlands B.V. Nobuyuki Kitazaki Kenji Ogasawara Street Address: Atsushi Takeichi Hirofumi Yanase Locatellikade 1 Parnassustoren 1076 AZ Amsterdam The Netherlands Additional name(s) of conveying Additional name(s) & address(es) attached? Yes XX No party(ies) attached __Yes XX No 3. Nature of conveyance: XX Assignment Execution Date: __6/17/03, 6/19/03, 7/10/03__ Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 10/601,168 Total Number of applications and patents involved: One

Total fee (37 CFR 3.41).....\$ 40.00 Additional numbers attached? Yes XX No 5. Name and address of party to whom correspondence concerning document should be mailed: 7, Total fee (37 CFR 3.41).....\$ 40.00 Name: Hitachi Global Storage Technologies Enclosed Internal XX Authorized to be charged to Address: Intellectual Property Law deposit account Street 5600 Cottle Road, Dept. NHGB/014-2, Address: San Jose, California 95193 8. Deposit Account Number: 50-2587 Statement and signature. 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.

Patrick W. Duncant Date Total number of pages including cover sheet, attachments, and document:

> **PATENT** REEL: 014255 FRAME: 0778

700060441

10601168

DOCKET: XXXXXXXXXXXXXXX

P.03

ASSIGNMENT

Whereas, we
INVENTOR
AND CITY (1) Masaomi

- (1) Masaomi Ikeda of Yokohama-shi and of Kanagawa-ken, Japan;
- (2) Nobuyuki Kitazaki of Thigasaki-shi and of Kanagawa-ken, Japan;
- (3) Kenji Ogasawara of Fujisawa-shi and of Kanagawa-ken, Japan;
- (4) Atsushi Takeichi of Fujisawa-shi and of Kanagawa-ken, Japan;
- (5) Hirofumi Yanase of Pujisawa-shi and of Kanagawa-ken, Japan,

have invented certain improvements in

TITLE

DATA STORAGE DEVICE, RECORDING MEDIUM, SERVO WRITING METHOD, AND DATA READING/WRITING

DATES THAT INVENTORS SIGNED THE and executed, respectively, a United States patent application therefor on

(1) 17 June 2003(2) (3) (4) 17 June 2003(5)

Whereas, HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V., having a place of business at Locatellikade 1, 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, 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 and sealed	-	
CITY	(1) at Fyisawa	Masaomi Ikeda	SIGNATURE
DATE	on <u>M. June</u> ,2003,	Masaomi Ikeda	INVENTOR
CITY	(2) at		SIGNATURE
DATE	on,2003,	Nobuyuki Kitazaki	INVENTOR
CITY	(3) at <u>FUI/SAWA</u>	KENDI UGASAWARA	SIGNATURE
DATE	on <u>17 June</u> , 2003,	Kenji Ogasawara	INVENTOR
CITY	(4) at Fullsawa	_Atsushi Takeichi	SIGNATURE
DATE	on 17, Tune, 2003,	Atsushi Takeichi	INVENTOR
CITY	(5) at		SIGNATURE
DATE	on,2003,	Hirofumi Yanaşe	INVENTOR

PATENT REEL: 014255 FRAME: 0779

Select here because

P.04

DOCKET: XXXXXXXXXXXXXIS1

ASSIGNMENT

Whereas, we INVENTOR (1) Masaomi Ikeda of Yokohama-shi and of Kanagawa-ken, Japan; AND CITY (2) Nobuyuki Kitazaki of Thigasaki-shi and of Kanagawa-ken, Japan; (3) Kenji Ogasawara of Fujisawa-shi and of Kanagawa-ken, Japan; (4) Atsushi Takeichi of Fujisawa-shi and of Kanagawa-ken, Japan; (5) Hirofumi Yanase of Pujisawa-shi and of Kanagawa-ken, Japan, have invented certain improvements in DATA STORAGE DEVICE, RECORDING MEDIUM, SERVO WRITING METHOD, AND DATA READING/WRITING TITLE METHOD and executed, respectively, a United States patent application therefor on DATES THAT INVENTORS (2) 10 July 2003 (3) (4) SIGNED THE Whereas, HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V., having a place of business at Locatellikade 1, 1076 AZ Amsterdam, The Netherlands (hereinafter called

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, 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 filling of said United States application, and we

HITACHI), desires to acquire the entire right, title and interest in the said

request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to MITACHI, 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.

	brynca and boarda		
CITY	(1) at		SIGNATURE
DATE	on,2003,	Masaomi Ikeda	INVENTOR
CITY DATE	(2) at <u>Fujisawa</u> on <u>10 July</u> , 2003,	<u>Nobuyuki Kitazaki</u> Nobuyuki Kitazaki	SIGNATURE INVENTOR
CITY DATE	(3) at,2003,	Kenji Ogasawara	signature inventor
CITY	(4) at,2003,	Atsushi Takeichi	SIGNATURE INVENTOR
CITY	(5) at,2003,	Hirofumi Yanase	SIGNATURE
DUIL	OII,,2003,	HERVEUME EMEMOT	Mars

PATENT REEL: 014255 FRAME: 0780

DATE

CITY DATE

RECORDED: 01/13/2004

DOCKET: XXXXXXXXXXXXIS1

ASSIGNMENT

	Whereas, we				
INVENTOR AND CITY	 Masaomi Ikeda of Yokohama-shi and of Kanagawa-ken, Japan; Nobuyuki Kitazaki of Thigasaki-shi and of Kanagawa-ken, Japan; Kenji Ogasawara of Fujisawa-shi and of Kanagawa-ken, Japan; Atsushi Takeichi of Fujisawa-shi and of Kanagawa-ken, Japan; Hirofumi Yanase of Fujisawa-shi and of Kanagawa-ken, Japan, 				
	have invented certain improvem	ents in			
TITLE	DATA STORAGE DEVICE, RECORDING	MEDIUM, SERVO WRITING METH	OD, AND DATA READING/WRITING		
DATES THAT	and executed, respectively, a United States patent application therefor on				
INVENTORS SIGNED THE	(1)(2)	(3)(4)	(5) 19, Jun, 2003		
	Whereas, HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V., having a place of business at Locatellikade 1, 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, 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.				
	CITY	(1) at,2003,		SIGNATURE	
DATE	on,2003,	Masaomi Ikeda	INVENTOR		
CITY	(2) at	Nobuyuki Kitazaki	SIGNATURE INVENTOR		
DATE	on,2003,	MODUYUKI KITAZAKI			
CITY	(3) at,2003,	Kenii Ogasawara	SIGNATURE INVENTOR		
DATE	on,2003,	Nenji Vyasawara	111111111		
CITY	(4) at		SIGNATURE		

Atsushi Takeichi

Adirofum Janase

INVENTOR

SIGNATURE