R	4		

09-16-2004 192837145

Patent Docket No.
JP920020171US1

Substitute Form PTO -1595

To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies):	Execution date:				
Yoshihiro Hirasaka	October 24, 2003				
Mutsuo Ohta	October 27, 2003				
2. Name and address of receiving party(ies):	3. Nature of conveyance:				
Hitachi Global Storage Technologies Netherlands B.V.					
Locatellikade 1	X Assignment □ Merger				
Parnassustoren	☐ Security Agreement ☐ Change of Name				
1070 AZ Amsterdam	□ Other				
The Netherlands					
4. Application number(s) or patent number(s): Execution/Filing/Issue Date					
□ New Patent Application, execution date of application October 24, 2003 & October 27, 2003 Execution Date					
X Patent Application Number: 10/692,992	October 24, 2003				
	Filing Date				
Patent Number:	Issue Date				
	ſ <u></u>				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1				
Customer Number 35975	7. Total fee (37 CFR 3.41)\$40.00				
Bracewell & Patterson, L.L.P.	☐ Enclosed Check				
P.O. Box 61389	 X Authorized to be charged to deposit account X Authorized to charge any deficiency to deposit 				
Houston, Texas 77208-1389	account				
	8. Deposit account number:				
	50-0259				
	(Attach duplicate copy of this page if paying by deposit account)				
DO NOT USE THIS SPACE					
9. 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.					
Michael E. Noe August 26, 2004					
Name of Person Signing Signature Date					
Total number of pages including cover sheet, attachments, and documents: 3					

ASSIGNMENT

whereas, we,	
(1) YOSHIHIRO HIRASAKA	of <u>Sagamihara-shi,</u> of <u>Kanagawa, 228-0802, Japan</u>
and	
(2) Mutsuo Ohta	of <u>Naka-ku, Yokohama-shi,</u> of <u>Kanagawa, 231-0852, Japan</u>
have invented certain improvements in	
DISK DRIVE AN	D ACTUATOR
and executed, respectively, a United States patent Declaration) (1) 24, 0cf , 20	
Whereas, Hitachi Global Storage Techno AZ Amsterdam, P.O. Box 75215, 1070 AE An HITACHI), desires to acquire the entire right, invention, and to any United States and foreign page	title and interest in the said application and
Now therefore, for a valuable consideration the above named, hereby sell, assign, and transfer entire right, title and interest in the said application. States and foreign countries, and all rights of p States application, and we request the Commit granted upon the invention set forth in said applicant we hereby agree that HITACHI may apply we will execute all papers necessary in comapplications when called upon to do so by HITAC	on and invention therein disclosed for the United priority resulting from the filing of said United ssioner of Patents to issue any Letters Patent ication to HITACHI, its successors and assigns; for foreign Letters Patent on said invention and unection with the United States and foreign
(1) Signed at Tokyo	on <u>24</u> , Q+ , 2003.
	Joshilain Afrasalan
	YOSHIHIRO HIRASAKA
(2) Signed at	
	Marguo Outa

PATENT REEL: 015781 FRAME: 0150

1

Hitachi Global Storage Technologies Docket No.: JP920020171US1

ASSIGNMENT

Whereas, we,	
(1) YOSHIHIRO HIRASAKA and	of <u>Sagamihara-shi,</u> of <u>Kanagawa, 228-0802, Japan</u>
(2) Mutsuo Ohta	of <u>Naka-ku, Yokohama-shi,</u> of <u>Kanagawa, 231-0852, Japan</u>
have invented certain improvements in	
DISK DRIVE AN	ID ACTUATOR
and executed, respectively, a United States patent Declaration) (1), 20	application therefor on (Date Inventor Signed 03 and (2), 2003.
Whereas, Hitachi Global Storage Techno AZ Amsterdam, P.O. Box 75215, 1070 AE Ar HITACHI), desires to acquire the entire right, invention, and to any United States and foreign p	title and interest in the said application and
Now therefore, for a valuable consideration the above named, hereby sell, assign, and transfer entire right, title and interest in the said application. States and foreign countries, and all rights of processes application, and we request the Commingranted upon the invention set forth in said applicant we hereby agree that HITACHI may apply we will execute all papers necessary in contapplications when called upon to do so by HITACHI.	on and invention therein disclosed for the United priority resulting from the filing of said United ssioner of Patents to issue any Letters Patent ication to HITACHI, its successors and assigns; for foreign Letters Patent on said invention and nuection with the United States and foreign
(1) Signed at	on, 2003.
(2) Signed at This awa	YOSHIHIRO HIRASAKA
	Mutsupo Olita Mutsuo Onta

1

PATENT REEL: 015781 FRAME: 0151 _02-18-2004

7.13.04

Substitute Form PTO -1595 PATENT	93 SUNLY	Patent Docket No. JP920020171US1		
To The Honorable Commissioner of Patents and trademarks: Ple	ease record the attached original	al documents or copy thereof.		
1. Name of conveying party(ies):	Execution date:			
Yoshihiro Hirasaka	October 24, 2003			
Mutsuo Ohta	October 27, 2003			
2. Name and address of receiving party(ies):	3. Nature of conveyance:			
Hitachi Global Storage Technologies Netherlands				
B.V.	X Assignment	□ Merger		
Locatellikade 1	☐ Security Agreement	□ Change of Name		
Parnassustoren 1070 AZ Amsterdam	□ Other	-		
The Netherlands				
4. Application number(s) or patent number(s):	Execution/Fi	ling/Issue Date		
□ New Patent Application, execution date of application		& October 27, 2003		
X Patent Application Number:		ion Date		
□ Patent Number:		g Date		
	Issu	e Date		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applic	ations and patents involved:		
Andrew J. Dillon Bracewell & Patterson, L.L.P. P.O. Box 969 Austin, Texas 78767-0969	7. Total fee (37 CFR 3.41)			
	8. Deposit account number	er:		
	#0.00#0			
	50-0259 (Attach duplicate copy of this	page if paying by deposit account)		
DO NOT USE		ing property		
9. Statement and signature To the best of my knowledge and belief, the foregoing in a true copy of the original document.	formation is true and corre	0		
Michael E. Noe	ul voe Fe	bruary 9, 2004 Date Date		
Name of Person Signing Sign	nature	Date		
Total number of pages including cover	sheet, attachments, and docum	ents: 2		
/ 1	,	m		

01 FC:8021 40.00 MA

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT

RECORDED: 09/15/2004 REEL: 015781 FRAME: 0152