01-21-2004

itent Docket No.

RECO 102650202 JO920020148US1 To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof. Execution date: 1. Name of conveying party(ies): September 11, 2003 William W. Childers October 3, 2003 Drew B. Lawson **September 12, 2003** Tzong-Shii Pan September 18, 2003 Surya Pattanaik 3. Nature of conveyance: 2. Name and address of receiving party(ies): Hitachi Global Storage Technologies Netherlands B.V. Assignment Locatellikade 1 1076 AZ Amsterdam Security Agreement Change of Name P.O. Box 75215 Other 1070 AE Amsterdam The Netherlands Execution/Filing/Issue Date 4. Application number(s) or patent number(s): September 11, 2003; October 3, 2003; New Patent Application, execution date of application September 9, 2003 and September 18, 2003 **Execution Date** August 28, 2003 Patent Application Number: 10/650,557 Filing Date Patent Number: Issue Date 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$\frac{40.00}{} Andrew J. Dillon Enclosed Check Bracewell & Patterson, L.L.P. X Authorized to be charged to deposit account P.O. Box 969 X Authorized to charge any deficiency to deposit Austin, Texas 78767-0969 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 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. January 12, 2004 Michael E. Noe Date Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 5 10650557

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

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 014896 FRAME: 0566

ASSIGNMENT

	Whereas, we,				
	(1) William W. Childers of Morgan Hill, Santa Clara County, California,				
	(2) Drew B. Lawson of Los Gatos, Santa Clara County, California;				
	(3) Tzong-Shii Pan of San Jose, Santa Clara County, California, and				
	(4) Surya Pattanaik of San Jose, Santa Clara County, California				
	have invented certain improvements in				
	DISK DRIVE WITH CONTROLLED PITCH STATIC ATTITUDE OF SLIDERS ON INTEGRATED LEAD SUSPENSIONS BY IMPROVED PLASTIC DEFORMATION PROCESSING				
	and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1), 2003; (2), 2003; (3), 2003, and (4), 2003.				
Whereas, Hitachi Global Storage Technologies Netherlands B.V., Locatellikade 1, 1076 AZ Amsterdam, P.O. Box 75215, 1070 AE 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,				

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 invention 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.

		William W. Childers
(1) Signed at	on	, 2003.

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PATENT REEL: 014896 FRAME: 0567

(2) Signed at for GA	on	3 Oct	, 2003.
	Du	n & Lawar	1
	,	V	Drew B. Lawson
(3) Signed at	on		, 2003.
			Tzong-Shii Pan
(4) Signed at	on		, 2003.
			Surva Pattanaik

ASSIGNMENT

Whereas, we,

- (1) William W. Childers of Morgan Hill, Santa Clara County, California,
- (2) Drew B. Lawson of Los Gatos, Santa Clara County, California;
- (3) Tzong-Shii Pan of San Jose, Santa Clara County, California, and
- (4) Surya Pattanaik of San Jose, Santa Clara County, California

have invented certain improvements in

DISK DRIVE WITH CONTROLLED PITCH STATIC ATTITUDE OF SLIDERS ON INTEGRATED LEAD SUSPENSIONS BY IMPROVED PLASTIC DEFORMATION PROCESSING

and executed, re	espectively, a	United States	patent application	therefor	on (Date l	Inventor	Signed
Declaration) (1)	9/11	03	, 2003; (2)			_	, 2003;
(3)	9-12		_, 2003, and (4) _	9-1	8		_, 2003.

Whereas, Hitachi Global Storage Technologies Netherlands B.V., Locatellikade 1, 1076 AZ Amsterdam, P.O. Box 75215, 1070 AE 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 invention 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.

(1) Signed at Sen / See on Sept. //, 2003, 2003.

William W. Childers

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PATENT REEL: 014896 FRAME: 0569

(2) Signed at	on	, 2003.
		Drew B. Lawson
(3) Signed at San	Tose on Sept	<i>12</i> , 2003.
	Joyse	Tzong-Shii Pan
(4) Signed at	Took on Sprent	, 2003.
	Singert	Surva Pattanaik

RECORDED: 01/16/2004