F D'	TO 1505	IJS Department of Communication	
Form P	TO-1595 RECOF	U.S. Department of Commerce	
Docket No. HSJ9-2003-0028US1 DC 102822448			
	To the Hon. Commissioner of Patents & Trademarks: Please	se record the attached original documents or copy thereof.	
1. 1	Name of conveying party(ies): 8-A404	2. Name and address of receiving party(ies):	
Mustafa Michael Pinarbasi		Name: Hitachi Global Storage Technologies Netherlands B.V.	
A	Additional name of conveying party attached? Yes No	. # ¹	
3. 1	Nature of conveyance:	Street Address: Locatellikade 1, 1076 AZ Amsterdam,	
Ę	☑ Assignment	P.O. Box 75215, 1070 AE Amsterdam, The Netherlands	
Exec	ution Date: September 30, 2003	Additional name(s) and address(es) attached? ☐ Yes ☑ No	
4. <i>A</i>	Application number(s) or patent numbers:	3 8 6	
I	If this document is being filed together with a new application, t	· ·	
I	A. Patent Application No.(s)	B. Patent No.(s)	
	10/676,472 filed on 9/30/2003 Additional numbers atta		
5. l	Name and address party to whom correspondence concerning	ched? ☐ Yes ☑ No ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	
	nent should be mailed:	patents involved:	
1	Name: Robert O. Guillot IPLO Intellectual Property Law Offices	7. Total fee (37 CFR 3.41) \$40.00	
	Street Address: 1901 S. Bascom Ave., Suite 660	☑ Previously paid	
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10. Reference is made to the Notice of Non-Recordation Documents ID Number 102646077		8. Deposit Account number: 08-3240	
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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.			
1500 6111			
	Robert O. Guillot	August 18, 2004	
	Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: 2		
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PATENT REEL: 015715 FRAME: 0926 01-14-2004

To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Mustafa Michael Pinarbasi Additional name of conveying party attached? □ Yes ⋈ No 3. Nature of conveyance: ☑ Assignment Execution Date: September 30, 2003 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) B. Patent No.(s) Additional number of applications and patents involved: Name: Robert O. Guillot IPLO Intellectual Property Law Offices Street Address: 1901 S. Bascom Ave., Suite 660 City: Campbell State: California ZIP: 95008 DO NOT USE THIS SPACE	Form	PTO-1595 1.12.04 1000.1	U.S. Department of Commerce		
To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Mustafa Michael Pinarbasi Additional name of conveying party attached? Pres Property Additional name(s) and additional na	Doc	ket No. HS19-2003-0028US1 PATENTS	9 7.7.		
1. Name of conveying party(ies): Mustafa Michael Pinarbasi Additional name of conveying party attached? □ Yes ₺ № 3. Nature of conveyance: ☑ Assignment Execution Date: September 30, 2003 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: Additional numbers attached? □ Yes ₺ № 5. Name and address (a) attached? □ Yes ₺ № 5. Name and address: Locatellikade 1, 1076 AZ Amsterdam, P.O. Box 75215, 1070 AE Amsterdam, The Netherlands Additional number(s) and address(a) attached? □ Yes ₺ № Additional numbers: If this document is being filed together with a new application, the execution date of the application is: Additional numbers attached? □ Yes ₺ № 5. Name and address of receiving party(ies): Name: Hitachi Global Storage Technologies Netherlands P.O. Box 75215, 1070 AE Amsterdam, The Netherlands Additional number(s) and address(a) attached? □ Yes ₺ № Additional numbers: □ Prest No.(s) Additional numbers attached? □ Yes ₺ № 5. Name and address of receiving party(ies): Name: Hitachi Global Storage Technologies Netherlands B.V. Street Address: Locatellikade 1, 1076 AZ Amsterdam, The Netherlands Additional numbers in the Netherlands Additional number(s) and address of receiving the Netherlands Additional number(s) and address of receiving the Netherlands Additional number(s) and address of the application is in the Netherlands Additional number(s) and address of the application is in the Netherlands Additional number(s) and address of the application is in the Netherlands Additional number in the Netherlands Additional number(s) or the Netherlands Additional number in the Netherlands Additional numbe					
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Street Address: Locatellikade 1, 1076 AZ Amsterdam, Additional name(s) and address(es) attached ☐ Yes ☐ No Additional name(s) and address(es) attached ☐ Yes ☐ No Additional name(s) and address(es) attached ☐ Yes ☐ No Additional name(s) and address(es) attached ☐ Yes ☐ No Additional numbers attached ☐ Yes ☐ No S. 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 Do Not Use THIS SPACE Po Not Use THIS SPACE January 7, 2004 Name of Person Signing Signature Date	Mustafa Michael Pinarbasi				
Street Address: Locatellikade 1, 10/6 AZ Amsterdam, P.O. Box 75215, 1070 AE Amsterdam, The Netherlands P.O. Box 75215, 1070 AE Amsterdam, The Netherlands		Additional name of conveying party attached? ☐ Yes ☑ No			
Execution Date: September 30, 2003 Additional name(s) and address(es) attached? □ Yes ☑ No 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) B. Patent No.(s) Additional numbers attached? □ Yes ☑ 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 Do Not Use This Space 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. Robert O. Guillot Robert O. Guillot Signature January 7, 2004 Name of Person Signing Signature Date	3.	Nature of conveyance:	Street Address: Locatellikade 1, 1076 AZ Amsterdam,		
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Name of Person Signing Signature Date		Robert O. Guillot	January 7, 2004		
		Name of Person Signing Signatu	Ture Date		

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PATENT REEL: 015715 FRAME: 0927

Page 1 of 1

Docket No.: HSJ9-2003-0028US1

ASSIGNMENT

Whereas, I, Mustafa Michael Pinarbasi of Morgan Hill, County of Santa Clara and State of California have invented certain improvements in MAGNETORESISTIVE SENSOR FOR MAGNETIC HEAD HAVING MINIMIZED SPACING BETWEEN HARD BIAS ELEMENTS AND FREE MAGNETIC LAYER and executed, respectively, a United States patent application therefor on 9-30, 2003,

Whereas, HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V., having a place of business at 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, 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 and sealed

At San Jose on 9 - 30, 2003

RECORDED: 08/24/2004

MUSTAFA MICHAEL PINARBASI

PATENT REEL: 015715 FRAME: 0928