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RECORDATION FORM COVER SHEET PATENTS ONLY				
Name of conveying party(les)/Execution Date(s): Eric E. Fullerton Byron Hassberg Lengsfield III David Margulles	2. Name and address of receiving party(ies) Name: HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V. Internal Address:			
Execution Date(s) 5/10/05, 5/10/05, 5/23/05 Additional name(s) of conveying party(ies) attached? Yes No. No. Nature of conveyance: Assignment Merger	Street Address: Locatellikade 1 Parnassustoren 1076 AZ Amsterdam The Netherlands City:			
Security Agreement Change of Name Government Interest Assignment Executive Order 9424, Confirmatory License Other	State:Zip:Zip:Zip:Zip:			
A. Patent Application No.(s) 11/135,703 Additional numbers att 5. Name and address to whom correspondence	document is being filed together with a new application. B. Patent No.(s) ached? Yes No 6. Total number of applications and patents			
concerning document should be mailed:	involved: 1			
Name: Hitachi Global Storage Technologies Internal Address: Intellectual Property Law Mail Stop NHGB/014-2 Street Address: 5600 Cottle Road	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed			
	None required (government interest not affecting title)			
City: San Jose	8. Payment Information			
State: CA Zip: 95193	a. Credit Card Last 4 Numbers Expiration Date			
Phone Number: <u>408.717.7094</u> Fax Number: <u>408.717.9155</u> Email Address:	b. Deposit Account Number 502587 Authorized User Name Thomas R. Berthold			
9. Signature: Daven Gold	6/29/05			
Darren Gold Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:			

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mall Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 016440 FRAME: 0579 Page 1 of 2

Whereas, I/we,

Docket H\$J920050104U\$1

ASSIGNMENT

(1)	Eric E. Fullerton City of Morgan Hill	(2)	Byron Hassberg Lengsfield III City of Gilroy		
	County of Santa Clara		County of Santa Clara		
	State of CA		State of CA		
(3)	David Margulies City of Salinas	(4)	City of		
	County of Monterey		County of		
(5)	State of CA		State of		
	City of	(6)	City of		
	County of		County of		
	State of		State of		
have invented certain improvements in:					
	PERPENDICULAR MAGNETIC RECORDING MEDIUM WITH IMPROVED ANTIFERROMAGNETICALLY-COUPLED RECORDING LAYER				
and	executed a Declaration and Power of Attorne	y for	a United States patent application therefor on		
(1)	5-10-05 (2) 5-10-	-20	<u>s</u> 3 5-23-2005		

Whereas, HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V., having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereafter 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;

(5) ______ (6) ____

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.

> **PATENT REEL: 016440 FRAME: 0580**

RECORDED: 06/29/2005

Page 2 of 2		Docket HSJ920050104US1
(1)	Inventor: Eric E. Fullerton	City/State: San Jose, CA
	Signature 2:5 Fall	Date 5-10-05
(2)	Inventor: Byron Hassberg Lengsfield III	City/State: San Jose, CA
	Inventor: Byron Hassberg Lengsfield III Signature	Date 5-10-05
(3)	Inventor: David Margulies	City/State: San Jose, CA
	Signature /H12 mayulos	5-23-05
(4)	Inventor:	City/State: San Jose, CA
	Signature	Date
(5)	Inventor:	City/State: San Jose, CA
	Signature	Date
(6)	Inventor:	City/State: San Jose, CA
	Et a service	