

(Rev. 03/01)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office			
OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇒ ⇔ ♥ ▼ ▼	V V V			
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies): Fu-Ying HUANG Matthew T. WHITE /- 5-6/	2. Name and address of receiving party(ies) Name: HITACHI GLOBAL STORAGE TECHNOLOGIES of NETHERLANDS B.V. Internal Address:			
Additional name(s) of conveying party(les) attached? Yes ✓ No				
3. Nature of conveyance: ✓ Assignment	Street Address: Locatellikade 1 1076 AZ Amsterdam P.O. Box 75215 1070 AE Amsterdam The Netherlands			
	City:State:Zip:			
Execution Date: 12/16/2003 12/15/2003	Additional name(s) & address(es) attached? ☐ Yes ✓ No			
4. Application number(s) or patent number(s):	12/16/2003			
If this document is being filed together with a new appl	ication, the execution date of the application is: 12/15/2003			
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers attached? Signal Yes V No 10 75/8// 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved:				
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$_40			
Name: Joseph P. Curtin				
Internal Address:	☐ Enclosed			
	✓ Authorized to be charged to deposit account			
Street Address: 1469 N.W. Morgan Lane	8. Deposit account number:			
	50-2587			
City: Portland State: OR Zip: 97229	(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. Joseph P. Curtin, Reg. No. 34,571 Name of Person Signing Signature Date				
Total number of pages including cover sheet, attachments, and documents:				

Mail documents to be recorded with required cover sheet information to 10751811 Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT REEL: 014874 FRAME: 0474 Whereas, Ilwe.

ASSIGNMENT

(1)	Fu-Ying HUANG City of San Jose	(2)	Matthew T. WHITE City of Mountain View		
	County of Santa Clara		County of Santa Clara		
	State of California		State of California		
(3)	City of	(4)	City of		
	County of		County of		
(5)	State of	(0)	State of		
	City of	(6)	City of		
	County of		County of		
	State of		State of		
have invented certain improvements in: TECHNIQUE TO COMPENSATE FOR RESONANCES AND DISTURBANCES ON PRIMARY ACTUATOR THROUGH USE OF A SECONDARY ACTUATOR					
and executed a Declaration and Power of Attorney for a United States patent application therefor on					
(1)_	12/16/03 (2)_	12/15/0	3		
(4)_	(5)		(6)		

Whereas, HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V., having a place of business at Locatellikade 1, 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;

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 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: 014874 FRAME: 0475

RECORDED: 01/05/2004

(1)	Inventor: Fu-Ying HUANG	City/State: San Jose, CA
	Signature Lu. Y. 14	Date 12/16/03
(2)	Inventor: Matthew T. WHITE	city/State: San Jose, CA
	Signature Matthew & White	Date 12/15/03
(3)	Inventor:	City/State:
	Signature	Date
(4)	Inventor:	City/State:
	Signature	Date
(5)	Inventor:	City/State:
	Signature	Date
(6)	Inventor:	City/State: