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Tab settings ⇒ ⇒ ▼	▼ ▼	<u> </u>	V V V V
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
Name of conveying party(ies):		2. Name and addres	s of receiving party(les)
International Business Machines Corporation		Name: Hitachi Globa	al Storage Technologies Netherlands B.V.
		Internal Address:	
Additional name(s) of conveying party(les)	attached? 📮 Yes 🛂 No	<u>_</u>	
3. Nature of conveyance:			
Assignment	Merger		
☐ Security Agreement	Change of Name	Street Address:	
	_	Locatellik Parnassu	
Other_	<u>.</u>		storen Amsterdam
		The Nethe	erlands
Execution Date: July 26, 2004		Additional name(s) & a	ddress(es) attached? 📮 Yes 🛂 No
4. Application number(s) or patent	number(s):		
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)	
09/946,036		` '	
Additional numbers attached? 📮 Yes 📮 No			
5. Name and address of party to w	hom correspondence	6. Total number of app	olications and patents involved:
concerning document should be mailed:		7 Table (97 950 944)	
Name: Hitachi Global Storage Technologies		7. Total fee (37 CFR 3.41)\$ 40.00	
Internal Address: Mail Stop: NHGB/014-2		Enclosed	
		Authorized to b	e charged to deposit account
Street Address: 5600 Cottle Road		8. Deposit account number:	
		50-258	7
City: San Jose State: CA	Zip:_95193	(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. Duke Amaniampong			
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: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

RECORDABLE PATENT APPLICATION ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, International Business Machines Corporation, a New York corporation having a place of business at Armonk, New York, United States of America, (hereinafter "ASSIGNOR"), hereby grants and assigns to Mariana HDD B.V. (now known as Hitachi Global Storage Technologies Netherlands B.V.), a Netherlands corporation, having a place of business at Amsterdam, the Netherlands, (hereinafter "ASSIGNEE"), all right, title and interest in and to application No. 09/946,036 for United States Letters Patent, (hereinafter "ASSIGNED PATENT"), as well as all rights of priority in foreign countries resulting from the filing of the application, to have and to hold the same, unto ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors and assigns, for the full term or terms of all such rights.

ASSIGNOR hereby authorizes that all United States Letters Patent to be issued on or resulting from the aforementioned application for Letters Patent be issued to the ASSIGNEE.

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignee hereby acknowledges and agrees that Assignor reserves and retains, for the benefit of itself and its subsidiaries, successors or assigns and subsequent assigns, the royalty-free rights and licenses contained in a separate written agreement between the parties dated December 31, 2002, with respect to the ASSIGNED PATENT, and the ASSIGNED PATENT is subject to any rights, licenses or immunities granted under the ASSIGNED PATENT to third parties by Assignor prior to the date of assignment of the ASSIGNED PATENT from Assignor to Assignee.

WITNESS ASSIGNOR has WHEREOF, caused this Recordable Patent Application Assignment to be duly signed on its behalf.

> Gerald Rosenthal NAME (Type or Print)

IBM Vice President

State of New York

County of Westchester

Before me this 26th day of July, 2008, personally appeared Gerald Rosenthal, known to be the person who is described in and who signed the foregoing Assignment and acknowledged to me that he/she signed the same of his/her own free will for the purpose therein expressed.

† Muceune Notary Public 0

Docket No. SJ0920010073US1

RECORDED: 10/11/2004

GRAZIA T. MICEWICZ Notary Public, State of New York Registration Number 01MI5055493 Qualified in Westchester County and Certified in New York County

Commission Expires February 12 2006

> **PATENT** REEL: 015236-FRAME:-0701**