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Name of conveying party(ies): International Business Machines	8./.03 Corporation	Name: Hitachi Global	of receiving party(ies) Storage Technologies Netherlands B.V.
Additional name(s) of conveying party(ies)) attached? 📮 Yes 🊻 No		
3. Nature of conveyance:		7	
Assignment	☐ Merger		
Security Agreement Other	Change of Name	Street Address: Locatelikade 1 1076 AZ Amsterdam P.O. Box 75215 1070 AE Amsterdam The Netherlands	
Execution Date: June 30, 2003			dress(es) attached? 📮 Yes 📮 No
If this document is being filed to A. Patent Application No.(s) 09/952,788		B. Patent No.(s)	te of the application is:
5 Name and address of party to y			lications and patents involved: 1
5. Name and address of party to whom correspondence concerning document should be mailed:			
Name: Hitachi Global Storage T	Hitachi Global Storage Technologies 7. Total fee		.41)\$_40.00
Internal Address: Mail Stop: NF		Enclosed Authorized to be	e charged to deposit account
Street Address: 5600 Cottle roa		8. Deposit account nun	
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9. Statement and signature. To the best of my knowledge an is a true copy of the original doc	d belief, the foregoing	information is true and co	nrrect and any attached copy

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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. 09/952,788 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.

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

Gerald Rosenthal

NAME (Type or Print)

IBM Vice President

June 30, 2003

State of New York

) S.S.

County of Westchester

Before me this 30 th day of June, 2003, 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.

Notary Public

CAROLYN SORIANO, NOTARY PUBLIC T NEW YORK

NO SPA

COUNTY EXPIRES FEBRUARY 28, 2006

Docket No. SJ0920010106US1

RECORDED: 08/01/2003

PATENT REEL: 014335 FRAME: 0596