Form PTO-1595 (Rev. 1002) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings □ □ □ 102513726 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy to the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy to the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy to the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy to the Hitachi Global Storage Technologies Net Internal Address: Additional name(s) of conveying party(les) attached? □ Yes □ No	thereof.
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1. Name of conveying party(ies): 7. 28. 33 International Business Machines Corporation Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No 3. Nature of conveyance: ☐ Security Agreement ☐ Change of Name ☐ Other) therlands B.V.
Name: Hitachi Global Storage Technologies Net International Business Machines Corporation Internal Address: Additional name(s) of conveying party(les) attached? ☐ Yes ☑ No 3. Nature of conveyance: ☐ Security Agreement ☐ Change of Name ☐ Other Change of Name ☐ Other P.O. Box 75215 1070 AE Amsterdam The Netherlands Execution Date: 06/05/2003 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) 09/721,852	therlands B.V.
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Change of Name Other Other Other Assignment Change of Name Locatelikade 1 1076 AZ Amsterdam P.O. Box 75215 1070 AE Amsterdam The Netherlands Additional name(s) & address(es) attached? 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)	
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Street Address: Locatelikade 1 1076 AZ Amsterdam P.O. Box 75215 1070 AE Amsterdam The Netherlands Additional name(s) & address(es) attached? A. 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)	Yes 🛂 No
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Execution Date:06/05/2003	Yes 🛛 No
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09/721,852	»:
Additional numbers attached? Las Yes 🕰 No	
5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents in the concerning document should be mailed:	100000
Name: Hitachi Global Storage Technologies 7. Total fee (37 CFR 3.41)\$40.	00
Internal Address: Mail Stop NHGB/0142 Enclosed	vá :
Authorized to be charged to deposit	• ,
8. Deposit account number:	300
Street Address: 5600 Cottle Road 50-2587	The same
City: San Jose State: CA Zip: 95193 (Attach duplicate copy of this page if paying by dep	osit esount
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Name of Person Signing Signature Dat	é
Total number of pages including cover sheet, attachments, and documents: 2	-

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PATENT REEL: 014319 FRAME: 0730

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. 09/721,852 for United States Letters Patent, (hereinafter "ASSIGNED PATENT"), 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

6-5-03

State of New York

) s.s.

County of Westchester

Before me this _5 day of _____, 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.

CAROLYN SORIANO, NOTARY PUBLIC
STATE OF NEW YORK

No. 4610583

QUALIFIED IN WESTCHESTER COUNTY EXPIRES FEBRUARY 28, 20<u>06</u>

Docket No. SJ0919980084US2

RECORDED: 07/28/2003

PATENT REEL: 014319 FRAME: 0731