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| 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 address of receiving party(ies)                                      |
|  | Name: Hitachi Global Storage Technologies Netherlands B.V.                       |
| International Business Machines Corporation  | Internal Address:  |
| Additional name(s) of conveying party(ies) attached? 📭 Yes 🛂 No  |  |
| 3. Nature of conveyance:   |  |
| 🖾 Assignment 🖵 Merger  |  |
| ☐ Security Agreement ☐ Change of   | Street Address:  |
|  | Locatellikade 1 Parnassustoren   |
| Other  | 1076 AZ Amsterdam  |
|  | The Netherlands  |
| Execution Date: 3 /30 /05  | Additional name(s) & address(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)   |
| 10/405,306   |  |
| Additional numbers attached? 📮 Yes 🔼 No  |  |
|  |  |
| <ol><li>Name and address of party to whom correspondenceming document should be mailed:</li></ol>  | ondence 6. Total number of applications and patents involved:                    |
| Name: Hitachi Global Storage Technologies  | 7. Total fee (37 CFR 3.41)\$ 40.00   |
|  | Enclosed   |
| Internal Address: Mail Stop: NHGB/014-2  | Authorized to be charged to deposit account                                      |
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| To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy  |  |
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| Douglas R. Millett   | 6/8/05   |
| Name of Person Signing Signature Date  |  |
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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. 10/405,306 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

State of New York

County of Westchester

Before me this 30 m day of Munch 2006, 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

No. 4010203 QUALIFIED IN WESTCHESTER COUNTY EXPIRES FEBRUARY 28, 2006

Docket No. JP9200200230S1

RECORDED: 06/08/2005

**PATENT** REEL: 016314-FRAME: 0698-