

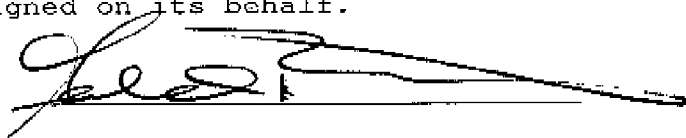
RECORDABLE PATENT APPLICATION ASSIGNMENT

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. 09/811,015 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
TITLE

July 16, 2003
DATE

State of New York)
) S.S.
County of Westchester)

Before me this 16th day of July, 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

CAROLYN SORIANO, NOTARY PUBLIC
STATE OF NEW YORK
No. 4610583
QUALIFIED IN WESTCHESTER COUNTY
EXPIRES FEBRUARY 28, 2006

Docket No. ROC920000210US1

HITACHI
Inspire the Next

Hitachi Global Storage Technologies, Inc.

**Intellectual Property
Law Department**
5600 Cottle Road - NHGB/0142
San Jose, CA 95193

Contact Numbers:
408-256-4091 - General
408-256-2179 - Fax Line

HITACHI CONFIDENTIAL FACSIMILE

Facsimile

To: Assignment Division
@Fax: 703-306-5995
From: Diane Cascia
Date: Tuesday, August 26, 2003
Re: Recordable Assignment for Patent Application
Docket No.: **ROC920000210US1**
Pages: 3, including coversheet

In re the application of: H. Ottesen et al.

Serial No.: 09/811,015 Group Art Unit: 2697
Filed: 03/16/01 Examiner: N. Figueroa

To the Assignment Division:

Following is an Assignment for Patent Application to be Recorded.

If you have any questions, you may reach me at 408-256-2123

****PLEASE SEND CONFIRMATION OF RECEIPT OF THIS
FACSIMILE TRANSMISSION****

***THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS
ADDRESSED, AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT
FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE
INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE
MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION,
DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE
RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE
AND RETURN THE ORIGINAL MESSAGE TO US AT THE ADDRESS ABOVE VIA THE U.S. POSTAL
SERVICE. THANK YOU.***

**PATENT
REEL: 013918 FRAME: 0088**

Form PTO-1595
(Rev. 10/02)

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
International Business Machines Corporation
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Hitachi Global Storage Technologies Netherlands B.V.
Internal Address: _____

Street Address:
Locatellikade 1
1076 AZ Amsterdam
P.O. Box 75215
1070 AE Amsterdam
The Netherlands
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: July 16, 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)
09/811,015
B. Patent No.(s)

Additional numbers attached? Yes No


5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Hitachi Global Storage Technologies
Internal Address: Mail Stop: NHGB/014-2

Street Address: 5600 Cottle Road

City: San Jose State: CA Zip: 95193

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
50-2587
(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.
Robert B. Martin  8/26/03
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 2

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