

11-7-05

11-14-2005



103118082

B/O FORM PTO 1595 (1/31/92)
Patent and Trademark Office
RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. Department of Commerce

HIRA.0209

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

1. Name of Conveying Party(ies):

HITACHI, LTD.

Additional names of conveying parties attached: Yes No

2. Name and Address of Receiving Party(ies):

Name: **Hitachi Global Storage Technologies Japan, Ltd.**
Address: 2880 Kozu, Odawara-shi
City: Kanagawa-ken 256-8510, Japan

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date: **January 20, 2005**



4. (a) Patent Application Number(s):

If this document is being filed together with a new application, the execution date of the application is:

Additional Numbers Attached.

4. (b) Patent Numbers:

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: **Stanley P. Fisher**

Address: **Reed Smith LLP**
3110 Fairview Park Dr.
Suite 1400
Falls Church, VA 22042

6. Total Number of Applications and Patents Involved: 1

7. Total Fee: **\$40.00**
(37 C.F.R. § 3.41)

- Enclosed.
- Authorized to be charged to deposit account.

8. Deposit Account Number: **08-1480**

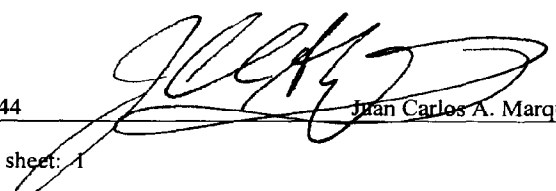
ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT

DO NOT USE THIS SPACE

9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Stanley P. Fisher, Registration No. 24, 344

 **November 7, 2005**
Juan Carlos A. Marquez, Registration No. 34,072

Total number of pages comprising cover sheet: 1

11/08/2005 FFANAEIA 00000045 11267186

05 FC:8021

40.00 DP

ASSIGNMENT

WHEREAS, Hitachi, Ltd., whose post office address is 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan, hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in inventions for which applications for United States Letters Patent, as listed in Schedule A attached hereto, were filed.

WHEREAS, Hitachi Global Storage Technologies Japan, Ltd., whose post office address is 2880 Kozu, Odawara-shi, Kanagawa-ken 256-8510, Japan (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said inventions and applications as listed in Schedule A throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said applications; and the entire right, title and interest in and to said inventions throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said inventions.

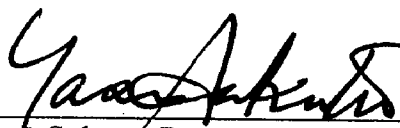
ALSO, ASSIGNOR here by agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said applications or any other patent applications(s) or inventor certificate(s) in the United States and in foreign countries for said inventions, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said inventions, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the inventions that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent applications or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Hitachi, Ltd.

JAN. 20. 2005

Date



Yasuo Sakuta, Patent Attorney
Executive Officer
Intellectual Property Group
(Authorized Signing Officer)

FRXLIB-334518.1 1/13/05 8:26 PM

PATENT
REEL: 017193 FRAME: 0500

SCHEDULE A

Patent Application No.	Filing Date	Title of Invention
1. 09/861,568	May 22, 2001	
2. 10/650,809	August 29, 2003	
3. 10/674,416	October 1, 2003	
4. 09/940,475	August 29, 2001	
5. 10/194,308	July 15, 2002	
6. 10/292,544	November 13, 2002	
7. 10/372,790	February 26, 2003	
8. 10/335,884	January 3, 2003	
9. 10/368,478	February 20, 2003	
10. 10/358,342	February 5, 2003	
11. 10/457,473	June 10, 2003	
12. 10/354,989	January 31, 2003	
13. 10/357,368	February 4, 2003	
14. 10/372,335	February 25, 2003	
15. 10/611,557	July 2, 2003	
16. 10/369,682	February 21, 2003	
17. 10/453,556	June 4, 2003	
18. 10/610,792	July 2, 2003	
19. 10/616,377	July 10, 2003	
20. 10/601,979	June 24, 2003	
21. 10/025,784	December 26, 2001	