

12-20-2005

REC  103140807

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
Yoshiaki Eguchi

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Hitachi, Ltd.  
6-6, Marunouchi 1-chome  
Chiyoda-ku  
Tokyo, Japan

Additional name(s) & address(es) attached?  Yes  No

113009 U.S. PTO  
11/298782

120805

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) November 22, 2005

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s) \_\_\_\_\_  
 B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Robert C. Colwell  
 Internal Address: \_\_\_\_\_  
TOWNSEND AND TOWNSEND AND CREW LLP  
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Eighth Floor  
 City: San Francisco  
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 Phone Number: (415) 576-0200  
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**6. Total number of applications and patents involved:** 1


**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 numbers \_\_\_\_\_  
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b. Deposit Account Number 20-1430  
 Authorized User Name Townsend and  
Townsend and Crew LLP

**9. Signature:**  December 8, 2005

Signature Date

Robert C. Colwell  
 Name of Person Signing Atty. Reg. No. 27,431

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
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(P-1562-us)

**ASSIGNMENT**  
( 譲 渡 証 )

As a below named inventor, I hereby declare that:

**IN CONSIDERATION** of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to **DATA MANAGEMENT METHOD IN STORAGE POOL AND VIRTUAL VOLUME IN DKC**

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi, Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside signatures:

**INVENTOR(S)**  
(発明者フルネームサイン)

**Date Signed**  
(署名日)

1) Yoshiaki Eguchi

November 22nd, 2005