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

1. Name of conveying party(ies):
Hitachi America, Ltd. **2-28-02**

Additional name(s) of conveying parties attached? Yes No.

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: _____

Execution Date: February 5, 2002

2. Name and address of receiving party(ies)
Name: Hitachi, Ltd.

Internal Address: _____
Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku
City: Tokyo Country: Japan ZIP: 101

Additional names and addresses attached? Yes No

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FINANCE SECTION

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): 09/860,394

B. Patent No(s): _____
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Robert J. Bennett
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

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: 20-1430
(Attach duplicate copy of this page if paying by deposit account)

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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 of copy of the original document.

Robert J. Bennett
Name of Person Signing
Atty. Reg. No. 27,533

Signature

2/15/02
Date

Total number of pages including cover sheet, attachments and document 8

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

03/12/2002 AAHMED1 00000104 201430 09860394
FC:581 40.00 CH

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)

2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)

3. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

SF 1318274 v1

PATENT ASSIGNMENT

Hitachi America, Ltd., a corporation organized and existing under the laws of the State of New York and whose corporate offices are located at 2000 Sierra Point Parkway, Brisbane, California 94005

as Assignor of the invention and/or discovery entitled

Dynamic Reallocation of Physical Storage

desires to assign to

Hitachi, Ltd., a corporation organized and existing under the laws of Japan and whose corporate offices are located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101, Japan

which, together with its successors and assigns, hereinafter called "Assignee", is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof acquired by Assignee.


NOW, THEREFORE, for valuable consideration furnished by Assignee to Assignor, receipt and sufficiency of which Assignor hereby acknowledges, Assignor hereby without reservation:

1. Assigns and conveys to and confirms in Assignee Assignor's entire right, title and interest in and to said invention and discovery, any and all applications for Letters Patent of the United States of America, any and all other applications for Letters Patent on said invention and discovery in whatever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said invention or discovery or upon said applications, and all Letters Patent and reissues and extensions of Letters Patent granted for said invention and discovery or upon said applications and every priority right that it may be predicated upon or arise from said inventions, said discovery, said applications and said Letters Patent;
2. Authorizes Assignee to file patent applications in any or all countries on any or all of said invention and discovery in Assignor's name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorizes and requests the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrants that Assignor has not knowingly conveyed to others, other than to Hitachi, Ltd., any right in said invention, discovery, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said invention or discovery; and that Assignor has the right to assign the same to Assignee without encumbrance;
5. Binds Assignor's successors and legal representatives, as well as Assignor, to do, upon Assignee's request and at its expense, but without additional consideration to Assignor, all acts reasonable serving to assure that said invention and discovery, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by Assignor or Assignor's successors or representatives if this Assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and others, and all assignments, disclaimers, and law affidavits in the form and substance as may be requested by Assignee; to communicate to Assignee all facts known to Assignor relating to said invention and discovery or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in Assignor's control or in the control of Assignor's successors or legal representatives and which may be useful for establishing the facts of Assignor's conceptions, disclosures and reduction to practice of said invention and discovery.

The effective date of this instrument is the 5th day of February, 2002.

Assignor's Name: Hitachi America, Ltd.

Signature: 

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