

07/07/04

07-19-2004

Attorney Docket No. 16869B-115600US

Form PTO-1595  
(Rev. 10-02)  
OMB No. 0651-0027 (exp. 5/31/2002)



102793032

U.S. Department of Commerce  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks Attached original documents or copy thereof

1. Name of conveying party(ies):  
Manabu Kitamura  
Additional name(s) of conveying party(ies) attached?  Yes  No.

2. Name and address of receiving party(ies)  
Name: Hitachi, Ltd.  
Street Address: 6, Kanda Surugadai, 4-Chome, Chiyoda-ku  
City: Tokyo Country: Japan  
Additional name(s) and address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
Execution Date: July 6, 2004

4. Application number(s) or patent number(s): 10/886892  
If this document is being filed together with a new application, the execution date of the application is: July 6, 2004  
A. Patent Application No(s):  
B. Patent No(s):  
Additional numbers attached?  Yes  No

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)

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

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.*  
Tyrome Y. Brown  
Name of Person Signing  
Atty. Reg. No. 46,580  
  
Signature  
July 7, 2004  
Date  
Total number of pages including cover sheet, attachments and documents: 2

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Director of the U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

07/16/2004 BRYNE 00000155 201430 10886892  
01 FC:0021 40.00 BA

22141 U.S. PTO  
10/886892



070704

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Manabu Kitamura of 19500 Pruneridge Avenue, #3311, Cupertino, CA 95014 hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: HIERARCHICAL STORAGE MANAGEMENT SYSTEM

Date(s) of execution of Declaration:

Filing Date:

Application No.: ; and

**COPY**

WHEREAS, Hitachi, Ltd., a corporation of Japan, located at 6, Kanda Surugadai, 4-Chome, Chiyoda-ku, Tokyo, Japan, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: 7/6/2004

Manabu Kitamura  
Manabu Kitamura

60254840 v1