

Attorney Docket No. 16869Q-132800US

Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
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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)/Execution Date(s):

Hiromi Kobayashi, Atsushi Kanamaru,
Takahiro SaitoExecution Date(s) December 8, 2004Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Hitachi Global Storage Technologies

Name: Netherlands, B.V.

Internal Address: _____

Street Address: Locatellikade 1, ParnassustorenCity: 1076 AZ Amsterdam

State: _____

Country: The Netherlands Zip: _____Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/031,494

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Chun-Pok Leung

Internal Address: _____

TOWNSEND AND TOWNSEND AND CREW LLPStreet Address: Two Embarcadero Center,
Eighth FloorCity: San FranciscoState: California Zip: 94111-3834Phone Number: (415) 576-0200Fax Number: (415) 576-0300Email Address: rl@townsend.com

6. Total number of applications and patents involved:

17. 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 _____
Expiration Date _____b. Deposit Account Number 20-1430Authorized User Name Townsend andTownsend and Crew LLP

9. Signature: _____

Signature

Chun-Pok Leung

March 10, 2005

Date

Name of Person Signing Atty. Reg. No. 41,405

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

3Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No.: 16869Q-132800US
 Client Reference No.: HJP920030037US1

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **Hiromi Kobayashi** of 1-1-1-211, Tsunashima-kamicho Kohoku-ku, Yokohama-shi, Kanagawa, 223-0055 Japan; **Atsushi Kanamaru** of 1-8-16-103, Higashi-rinkan Sagamihara-shi, Kanagawa, 228-0811 Japan; **Takahiro Saito** of 2-32-2-B, Chuo, Seya-ku Yokohoma-shi, Kanagawa, 246-0014 Japan hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: DATA TRANSMISSION CONTROL METHOD AND STORAGE DEVICE

Date(s) of execution of Declaration:

Filing Date:

Application No.: ; and

WHEREAS, **Hitachi Global Storage Technologies Netherlands, B.V.** of Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands, 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 Assignors, Assignors have assigned, and by these presents do 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 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 Assignors 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.

Assignors further agree that they 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 patent 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.

Assignors hereby authorize and request 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, Assignors have signed their names on the dates indicated.

Dated: Dec. 08, 2004

Hiromi Kobayashi
 Hiromi Kobayashi

Dated: Dec. 08, 2004

Atsushi Kanamaru
 Atsushi Kanamaru

Dated: Dec. 08, 2004

Takahiro Saito
 Takahiro Saito

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