

Attorney Docket No. 16869Q-120400US

Form PTO-1595 (Rev. 06/04)
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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):

Toru Aida, Minoru Hashimoto,
Toshiroh Unoki, Mariko Kado

Execution Date(s) August 6, 10, 11 and 24, 2004

Additional 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, Parnassustoren

City: AZ Amsterdam

State: _____

Country: The Netherlands Zip: 1076

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)

10/950,232

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 LLP

Street Address: Two Embarcadero Center,
Eighth Floor

City: San Francisco

State: California Zip: 94111-3834

Phone Number: (415) 576-0200

Fax Number: (415) 576-0300

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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 _____
Expiration Date _____

b. Deposit Account Number 20-1430

Authorized User Name Townsend and

Townsend and Crew LLP

9. Signature: _____



Signature

December 20, 2004

Date

Chun-Pok Leung

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

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

7

Documents to be recorded (including cover sheet) should be faxed to (703) 305-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No.: 16869Q-120400US
Client Reference No.: HJP9-2003-0021

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **Toru Aida** of 8-18-13, Kami-souyagi, Yamato-shi, Kanagawa, 242-0029, Japan; **Minoru Hashimoto** of 3-8-12-101, Hon-fujisawa, Fujisawa-shi, Kanagawa, 251-0875, Japan; **Toshiroh Unoki** of 2-35-5-201, Kameino, Fujisawa-shi, Kanagawa, 252-0813, Japan; **Mariko Kado** of 1001-61-202, Kameino, Fujisawa-shi, Kanagawa, 252-0813, 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: **MEDIA DRIVE, PROCESSING METHOD FOR
RECORDING DATA ONTO A MEDIUM,
PROCESSING METHOD FOR DATA READ FROM A
MEDIUM, AND METHOD FOR CONTROLLING A
PROCESS FOR READING DATA FROM A MEDIUM**

Date(s) of execution of Declaration:

Filing Date: **September 23, 2004**

Application No.: **10/950,232** ; and

WHEREAS, **Hitachi Global Storage Technologies Netherlands, B.V.**, located at 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.

Assignment
Attorney Docket No.: 16869Q-120400US
Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 2004 AUG 6

Toru Aida
Toru Aida

Dated: 2004 Aug 10

Minoru Hashimoto
Minoru Hashimoto

Dated: 2004 AUG. 11

Toshiro Unoki
Toshiroh Unoki

Dated: 2004 AUG 24

Mariko Kado
Mariko Kado

60246031 v1

Atty Docket No.: 16869Q-120400US

PTO FAX NO.: 703-306-5995

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CERTIFICATION OF FACSIMILE TRANSMISSION

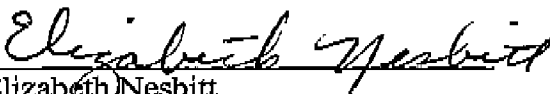
I hereby certify that the following documents in re Application of TORU AIDA *et al.*, Application No. 10/950,232, filed September 3230, 2004 for MEDIA DRIVE, PROCESSING METHOD FOR RECORDING DATA ONTO A MEDIUM, PROCESSING METHOD FOR DATA READ FROM A MEDIUM, AND METHOD FOR CONTROLLING A PROCESS FOR READING DATA FROM A MEDIUM are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

- 1. Transmittal Form
- 2. Fee Transmittal (in duplicate)
- 3. Recordation Form Cover Sheet
- 4. Assignment

Number of pages being transmitted, including this page: 7

Dated: December 20, 2004


 Elizabeth Nesbitt

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