

01-25-2006

U.S. DEPARTMENT OF COMMERCE  
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Attorney Docket No. 1021.45824X00

To the Director of the U.S. Patent and Tr

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nents or the new address(es) below.

1. Name of conveying party(ies):

Takashi KUROKAWA  
Hiromi KUDO  
Harukazu MIYAMOTO

2. Name and address of receiving party(ies)

Name: **HITACHI, LTD. & Hitachi-LG Data Storage**  
**Inc.**

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

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

Execution Date(s) December 29, 2005, December 29, 2005,  
January 10, 2006

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

Street Address: 6-6, Marunouchi 1-chome  
Chiyoda-ku, Tokyo, Japan  
and  
22-23, Kaigan 3-chome  
Minato-ku, Tokyo, Japan (respectively)

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

4. Application or patent numbers(s):



This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent Registration No.(s)

Additional number(s) attached ☐ Yes ☒ No

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

Name: **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

Internal Address:

**1300 NORTH 17<sup>TH</sup> STREET - SUITE 1800**

City: **ARLINGTON** State: **VA** Zip **22209**

Phone Number: 703-312-6000

Fax Number: 703-312-6666

Email Address: email@antonelli.com

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 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 1040  
Expiration Date 06/06

b. Deposit account number: **01-2135**

Authorized User Name Donald E. Stout

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**Melvin Kraus, Reg#22,466**

Name of Person Signing

Signature

**01/18/2006**

Date

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

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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# 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., and Hitachi-LG Data Storage, Inc., corporations organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, and 22-23, Kaigan 3-chome, Minato-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., and Hitachi-LG Data Storage, Inc., their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## INFORMATION RECORDING AND REPRODUCTION METHOD AND INFORMATION RECORDING AND REPRODUCTION DEVICE

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 therefore, executed on even date herewith, and all United States Letters Patent which may be granted therefore, 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., and Hitachi-LG Data Storage, Inc., their 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., and Hitachi-LG Data Storage, Inc.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

1) <u>Takahiro Kurohawa</u>	<u>12/29/2005</u>
2) <u>Hiromi Kurohawa</u>	<u>12/29/2005</u>
3) <u>Isaburo Kurohawa</u>	<u>01/10/2006</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____