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U.S. Department of Commerce
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To the Honorable Commissioner



102686370

attached original documents or copy thereof

1. Name of conveying party(ies):
Akira Morinaga; Chiaki Ishikawa; Norifumi Miyamoto

2. Name and address of receiving party(ies)
Name: Hitachi Global Storage Technologies Japan,
Internal Address:

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

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

Street Address: 2880, Koza
City: Odawara-shi State: Kanagawa-ken ZIP: 256-8510
Country: Japan

Execution Date: Akira Morinaga (January 30, 2004); Chiaki Ishikawa (February 4, 2004); Norifumi Miyamoto (January 30, 2004)

Additional name(s) and address(es) attached? Yes No

4. Application number(s) or patent number(s): 10786270

If this document is being filed together with a new application, the execution date of the application is: February 24, 2004

A. Patent Application No(s):

B. Patent No(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: David N. Slone
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, Eighth 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 information is true and correct and any attached copy is a true copy of the original document.

David N. Slone
Name of Person Signing
Atty. Reg. No. 28,572

David Slone
Signature

February 24, 2004
Date

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

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

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U.S. PTO
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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 Global Storage Technologies Japan, Ltd. a corporation organized under the laws of Japan, located at 2880, Kozu, Odawara-shi, Kanagawa-ken, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Global Storage Technologies Japan, Ltd. its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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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 therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, 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 Global Storage Technologies Japan, Ltd. its 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 Global Storage Technologies Japan, Ltd.

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>Akira Morinaga</u>	<u>Jan. 30, 2004</u>
2)	<u>Chieki Ishikawa</u>	<u>Feb. 4, 2004</u>
3)	<u>Norifumi Miyamoto</u>	<u>Jan. 30, 2004</u>
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____