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Reference: 500.41987X00 U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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1. Name of conveying party(ies): SAIKA, NOBUYUKI KANIE, HOMARE KAWASHIMA, AKIRA Additional name(s) of conveying party(ies) attached? Yes No

11-26-02

2. Name and address of receiving party(ies) Name: HITACHI, LTD. Internal Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku Street Address: City: Tokyo, JAPAN State: Zip: Other

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

Execution Date: November 14, 2002.

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

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent Registration No.(s)

10/229,028, filed August 28, 2002

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 Seventeenth Street Suite 1800 Arlington, VA 22209 USA

City: State: Zip:

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41) \$40.00

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11/26/2002

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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., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

METHOD OF CONTROLLING STORAGE CONTROL APPARATUS, STORAGE CONTROL APPARATUS, AND COMPUTER READABLE PROGRAM FOR CONTROLLING THE SAME

*U.S. Serial No. 10/229028 filed on August 28, 2002
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, 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, 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) Holuejeki Saika

Nov. 14, 2002

2) Homare Kanie

Nov. 14, 2002

3) Akiba Kawashima

Nov. 14, 2002

4) _____

5) _____

6) _____

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10) _____
