

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the spelling of the first inventor's last name previously recorded on Reel 018429 Frame 0193. Assignor(s) hereby confirms the assignment to Hitachi, Ltd..								
CONVEYING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Naoki HIGASHIJIMA</td> <td>10/05/2006</td> </tr> <tr> <td>Ikuya YAGISAWA</td> <td>10/05/2006</td> </tr> </tbody> </table>		Name	Execution Date	Naoki HIGASHIJIMA	10/05/2006	Ikuya YAGISAWA	10/05/2006		
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Naoki HIGASHIJIMA	10/05/2006								
Ikuya YAGISAWA	10/05/2006								
RECEIVING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Hitachi, Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>6-6, Marunouchi 1-chome</td> </tr> <tr> <td>City:</td> <td>Chiyoda-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Hitachi, Ltd.	Street Address:	6-6, Marunouchi 1-chome	City:	Chiyoda-ku, Tokyo	State/Country:	JAPAN
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Street Address:	6-6, Marunouchi 1-chome								
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PROPERTY NUMBERS Total: 1									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11581421</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11581421				
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CORRESPONDENCE DATA									
<p>Fax Number: (703)684-1157 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703 684-1120</p> <p>Email: kthunberg@msmbpatentlaw.com</p> <p>Correspondent Name: Shrinath Malur</p> <p>Address Line 1: 1800 Diagonal Rd, Suite 370</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>									
ATTORNEY DOCKET NUMBER:	WL-5547								
NAME OF SUBMITTER:	Shrinath Malur								
<p>Total Attachments: 2</p> <p>source=11.581,421#page1.tif</p> <p>source=10-18-06 COVER SHEET#page1.tif</p>									

CH \$40.00 11581421

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PATENT
REEL: 020191 FRAME: 0932

10-23-2006

Form PTO-1595
(Rev. 08/04)
OMB No. 0851-0027 (exp. 6/30/2005)



DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
WL-5547

103325171

To the U.S. Patents and Trademarks: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Naoki HIGASHIMA
Ikuya YAGISAWA

Execution Date(s) October 5, 2006

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

2. Name and address of receiving party(ies)
Name: Hitachi, Ltd.

Internal
Address:

Street Address: 6-6, Marunouchi 1-chome, Chiyoda-ku,
Tokyo, Japan

City: State: Zip:

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

3. Nature of conveyance:

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

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

A. Patent Application No.(s)

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

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: Mattingly, Stanger, Malur & Brundidge, P.C.

Address: 1800 Diagonal Road, Suite 370
Alexandria, Virginia 22314

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:

50-1417

(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.

Shrinath Malur

October 17, 2006

Name of Person Signing, Reg. No.: 34,663

Signature

Date

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5996, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

10/18/2006 LWONDIM1 00000069 11581421

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40.00 DP

PATENT
REEL: 020191 FRAME: 0933

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 6-6, Marunouchi 1-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

Storage Control Apparatus and Failure Recovery Method for Storage Control Apparatus

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) <u>Naoki Higashijima</u> Naoki HIGASHIJIMA	<u>October 5, 2006</u>
2) <u>Ikuya Yagisawa</u> Ikuya YAGISAWA	<u>October 5, 2006</u>
3) _____	_____
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

PATENT

RECORDED: 12/04/2007

REEL: 020191 FRAME: 0934