

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the error in the first paragraph, line 4 of the Assignment, where the Assignee is incorrectly identified as NAID, Inc. previously recorded on Reel 018853 Frame 0023. Assignor(s) hereby confirms the Assignment to Hitachi, Ltd..

CONVEYING PARTY DATA	
Name	Execution Date
Akira FUJIBAYASHI	03/04/2008
Kazuhisa FUJIMOTO	03/03/2008
Shinji NAKAMURA	02/22/2008

RECEIVING PARTY DATA	
Name:	HITACHI, LTD.
Street Address:	6-6, Marunouchi 1-chome, Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11524907

CORRESPONDENCE DATA	
Fax Number:	(703)684-1157
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703 684 1120
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Address Line 1:	1800 Diagonal Road, Suite 370
Address Line 4:	Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	ISO-109-02
NAME OF SUBMITTER:	Shrinath Malur

Total Attachments: 4

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**PATENT
 REEL: 020673 FRAME: 0084**

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O: MATTINGLY, STANGER, MALUR & ET AL COMPANY: 1800 DIAGONAL ROAD - SUITE 370

02-05-'07 09:40 FROM-Mattingly, Stanger 703-684-1157 T-335 P002/004 F-107

02/05/2007
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Form PTO-1085 (Rev. 07/05)
OMB No. 0651-0027 (exp. 03/0/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET		ISO-100-02
PATENTS ONLY		
1. Name of conveying party(ies) FUJIBAYASHI, AKIRA FUJIMOTO, KAZUHISA NAKAMURA, SHUJI Additional name(s) of conveying party(ies) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>HITACHI, LTD.</u> Internal Address: _____ Street Address: <u>6-8 Marunouchi 1-chome, Chiyoda-ku</u> City: _____ State: _____ Country: <u>Tokyo, JAPAN</u> Zip: _____ Additional Name(s) & Addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>September 21, 2006</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 0424, Confirmatory License <input type="checkbox"/> Other _____		
4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/524,907, filed September 22, 2006</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.</u> Internal Address: _____ Street Address: <u>1800 Diagonal Road - Suite 370</u> City: <u>Alexandria</u> State: <u>Virginia</u> Zip: <u>22314</u> Phone Number: <u>703 684-1120</u> Fax Number: <u>703 684-1157</u> Email Address: <u>cbrundidge@memberstandlaw.com</u>		6. Total number of applications and patents involved: _____ 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 <input checked="" type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
		8. Payment Information a. Credit Card Last 4 Numbers <u>1001</u> Expiration Date <u>09/09</u> b. Deposit Account Number <u>80-1417</u> Authorized User Name <u>Carl I. Brundidge</u>
9. Signature: _____ Signature Date <u>February 5, 2007</u>		
Carl I. Brundidge, Reg. No. 29,521 Name of Person Signing		Total number of pages including cover Sheet, attachments, and documents: <u>4</u>

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1460, Alexandria, VA 22313-1460

02-05-07 11:52:307

ASSIGNMENT

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 the undersigned 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 NAID, Inc., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

STORAGE CONTROL APPARATUS, DATA MANAGEMENT SYSTEM AND DATA MANAGEMENT METHOD

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 signatures:

INVENTOR(S)	Date Signed	Witness(es)
1) <u>Akira Fujibayashi</u> Akira FUJIBAYASHI	<u>9/21/2006</u>	_____
2) <u>Kazuhisa Fujimoto</u> Kazuhisa FUJIMOTO	<u>9/21/2006</u>	_____
2) <u>Shuji Nakamura</u> Shuji NAKAMURA	<u>9/21/2006</u>	_____

CORRECTED ASSIGNMENT

As a below named inventor, I hereby declare that:

This Corrected Assignment corrects the Assignment document recorded in the U.S. Patent and Trademark Office at Reel/Frame 018853/0023, by correctly identifying the second occurrence of the assignee as "said Hitachi, Ltd.", as follows:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me, a 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:

U.S. Patent Application Serial No. 11/524,907, filed on September 22, 2006;

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the said application for United States Letters Patent, 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 signatures:

INVENTOR(S)	Date Signed
1) <u>Akira Fujibayashi</u> Akira FUJIBAYASHI	<u>3/4/2008</u>
2) <u>Kazuhisa Fujimoto</u> Kazuhisa FUJIMOTO	<u>3/3/2008</u>
3) <u>Shuji Nakamura</u> Shuji NAKAMURA	<u>Feb. 22, 2008</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____