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Attorney Docket No. 16869P-130700US

4	Form PTO-1595 (Rep. 00214) OMB No. 065 (0021 (exp. 00005)	- 2005 U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
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		2. Name and address of receiving party(ies)	
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0		Internal Address:	
	Execution Date(s) October 26, 2004	Street Address: 6, Kanda Surugadai 4-chome,	
	Additional name(s) of conveying party(ies) attached? X Yes No	_Chiyoda-ku	
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	4. Application or patent number(s):	document is being filed together with a new application.	
	A. Patent Application No.(s)	B. Patent No.(s)	
	10/957,059		
		ached? Yes No	
	5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
		7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
	Name: Robert C. Colwell Internal Address:	Authorized to be charged by credit card	
	TOWNSEND AND TOWNSEND AND CREW LLP	Authorized to be charged to deposit account	
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	Eighth Floor	None required (government interest not affecting title)	
	City: San Francisco	8. Payment Information	
	State: California Zip: 94111-3834	a. Credit Card Last 4 numbers Expiration Date	
	Phone Number: (415) 576-0200	b. Deposit Account Number 20-1430	
,	Fax Number: (415) 576-0300	Authorized User Name Townsend and	
	Email Address: rcc@townsend.com	Townsend and Crew LLP	
	9. Signature:	1/17/05	
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! سد	Robert C. Colwell Name of Person Signing Atty. Reg. No. 27,431 Total number of pages including cover sheet, attachments, and documents:		
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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, VA 22313-1450

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> PATENT REEL: 016192 FRAME: 0077

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 Additional name(s) of conveying party(ies): (Continued from Page 1)

Yasutomo YAMAMOTO Yasuyuki NAGASOE

- Additional name(s) and address(es) of receiving party(ies): (Continued from Page 1)
- Additional application number(s) or patent number(s): (Continued from Page 1)
 - A. Patent Application No.(s)

B. Patent No.(s)

60393411 vl

PATENT REEL: 016192 FRAME: 0078 10/957,059

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

STORAGE SYSTEM HAVING DYNAMIC VOLUME ALLOCATION FUNCTION

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:

RECORDED: 01/21/2005

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) Toshiaki Egudu	10/26/04
2) Jasutomo Jamamoto	10/26/04
3) Yasuyuki Magasoe	10/27/04
4)	
5)	
6)	
7)	
8)	
9)	
10)	

PATENT REEL: 016192 FRAME: 0079