05-13-2003

	.o	
Form PTO-1595 Recc (Rev. 10-02) OMB No. 0651-0027 (exp. 5/31/2002) 5-9-0-3	U.S. Department of Commerce U.S. Patent and Trademark Office	
	2446236 Please record the attached original documents or copy thereof	
To the Honorable Commissioner of Patents and Trademarks 1. Name of conveying party(ies):	Prease record the attached original documents or copy thereof Name and address of receiving party(ies)	
	2. Name and address of receiving party(les)	
Naoto Matsunami	Hitachi, Ltd.	
Additional name(s) of conveying party(ies) attached? ☑ Yes ☐ No.	6, Kanda Surugadai, 4-chome	
3. Nature of conveyance:	Chiyoda-ku	
	Tokyo, Japan	
☐ Security Agreement ☐ Change of Name		
Other:		
	Additional name(s) and address(es) attached? ☐ Yes ☒ No	
Execution Date: August 9, 2002		
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): 10/223,857	he execution date of the application is: B. Patent No(s):	
F. Faterit Application Nots). 10/223,007	2	
Additional numbers attached? Tes NO Tes No		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved 1 m	
-	6. Total number of applications and patents involved, 1 77 7. Total fee (37 CFR 3.41):\$40.00	
Name: Robert C. Colwell TOWNSEND AND TOWNSEND AND CREW LLP	7. Total fee (37 CFR 3.41):\$40.00 5	
Two Embarcadero Center, 8 th Floor	☐ Enclosed	
San Francisco, California 94111-3834 (415) 576-0200		
(410) 070 0200	Za / tatilotized to be dilaiged to deposit descart.	
	8. Deposit account number: 20-1430	
	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
9. Statement and signature.		
To the best of my knowledge and belief, the foregoing informa	tion is true and correct and any attached copy	
is a true copy of the original document.		
\bigcap .		
Robert C. Colwell Signature May 5, 2003 Date		
Name of Person Signing Signature		
Atty. Reg. No. 27,431		
Total number of pages including cover sheet, attachments and document 3 Mail documents to be recorded with required cover sheet information to:		
Mail Stop Assignment Recordation Services		
Director of the U.S. Patent and Trademark Office P.O. Box 1450		
/12/2003 GTDN11 00000084 201430 10223857 Alexandria, VA 22313-1450		
FC:8021 40.00 CH		

PATENT

REEL: 014044 FRAME: 0163

n 545-01

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

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) (発明者フルネームサイン)	Date Signed (署名日)
1) _	Nacto Matsumami	5/August /2002
2) _	Manaba Witamura	5/ August / 2002
3) _	Koji Sonoda	5/August/2002
	Trimo joboh to	4/ August / 2022
5) _		
6) _		
7) _		
8) _		
9) _		
10) _		

PATENT REEL: 014044 FRAME: 0164

RECORDED: 05/09/2003