

# PATENT ASSIGNMENT

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Hironori EMARU	04/13/2010
Koichi MURAYAMA	04/13/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Hitachi, Ltd.
<b>Street Address:</b>	6-6, Marunouchi 1-chome
<b>Internal Address:</b>	Chiyoda-ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12742502
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)568-6499
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	215-568-6400
<b>Email:</b>	AVenezia@volpe-koenig.com
<b>Correspondent Name:</b>	VOLPE AND KOENIG, P.C.
<b>Address Line 1:</b>	UNITED PLAZA, SUITE 1600
<b>Address Line 2:</b>	30 SOUTH 17TH STREET
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19103
<b>ATTORNEY DOCKET NUMBER:</b>	HITACHI2-340951228US01 AV
<b>NAME OF SUBMITTER:</b>	Anthony L. Venezia
<b>Total Attachments: 1</b> source=ExecutedAssignment_HITACHI2_340951228US01_EFS#page1.tif	

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**PATENT**  
**REEL: 024374 FRAME: 0228**

ASSIGNMENT  
( 譲 渡 証 )

HITACHI2-340951228US01

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

MANAGEMENT SYSTEM AND METHODS OF STORAGE SYSTEM COMPRISING POOL  
CONFIGURED OF ACTUAL AREA GROUPS OF DIFFERENT PERFORMANCES

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>Hironori Emaru</u>	Hironori EMARU	<u>4/13/10</u>
2)	<u>Koichi Murayama</u>	Koichi MURAYAMA	<u>4/13/10</u>
3)	_____		_____
4)	_____		_____
5)	_____		_____
6)	_____		_____
7)	_____		_____
8)	_____		_____
9)	_____		_____
10)	_____		_____

PATENT

RECORDED: 05/12/2010

REEL: 024374 FRAME: 0229