

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the serial number of the application which was incorrectly stated as 13157554 previously recorded on Reel 028477 Frame 0978. Assignor(s) hereby confirms the the correct serial number is 13/520,282.								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>HIDEYUKI KOSEKI</td> <td>06/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	HIDEYUKI KOSEKI	06/04/2012				
Name	Execution Date								
HIDEYUKI KOSEKI	06/04/2012								
RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>HITACHI, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU</td> </tr> <tr> <td>City:</td> <td>TOKYO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	HITACHI, LTD.	Street Address:	6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU	City:	TOKYO	State/Country:	JAPAN
Name:	HITACHI, LTD.								
Street Address:	6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU								
City:	TOKYO								
State/Country:	JAPAN								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13520282</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13520282				
Property Type	Number								
Application Number:	13520282								
CORRESPONDENCE DATA									
<p>Fax Number: 2026725399  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2026725300        Email: pshiek@foley.com        Correspondent Name: Foley &amp; Lardner, LLP        Address Line 1: 3000 K St., NW        Address Line 2: Suite 600        Address Line 4: Washington, DISTRICT OF COLUMBIA 20007</p>									
ATTORNEY DOCKET NUMBER:	093704-0253								
NAME OF SUBMITTER:	P. SHIEK FOR W. T. ELLIS								
<p>Total Attachments: 4        source=assign#page1.tif        source=assign#page2.tif        source=assign#page3.tif        source=assign#page4.tif</p>									

OP \$40.00 13520282



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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HIDEYUKI KOSEKI	06/04/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HITACHI, LTD.
<b>Street Address:</b>	6-6, MARUNOUCHI 1-CHOME, 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>	13157554
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)672-5399
<b>Phone:</b>	2026725300
<b>Email:</b>	pshick@foley.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	Foley & Lardner, L.P.
<b>Address Line 1:</b>	3000 K St., NW
<b>Address Line 2:</b>	Suite 600
<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20007

<b>ATTORNEY DOCKET NUMBER:</b>	093704-0253
<b>NAME OF SUBMITTER:</b>	P. SHIEK FOR W. T. ELLIS
<b>Signature:</b>	/P. SHIEK/
<b>Date:</b>	07/02/2012
<b>Total Attachments: 1</b> source=assign#page1.tif	
<b>RECEIPT INFORMATION</b>	
EPAS ID:	PAT2012164
Receipt Date:	07/02/2012
Fee Amount:	\$40

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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 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

FLASH MEMORY DEVICE AND STORAGE CONTROL 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 our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Hideyuki Koseki</u> Hideyuki KOSEKI	<u>Jun 4, 2012</u>
2) _____	_____
3) _____	_____
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

PATENT