

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Katsuhiko Yamamoto</td> <td>11/17/2009</td> </tr> <tr> <td>Tadashi Terasaki</td> <td>11/17/2009</td> </tr> <tr> <td>Yoshiki Yonamoto</td> <td>11/11/2009</td> </tr> <tr> <td>Hiroataka Hamamura</td> <td>11/17/2009</td> </tr> </tbody> </table>		Name	Execution Date	Katsuhiko Yamamoto	11/17/2009	Tadashi Terasaki	11/17/2009	Yoshiki Yonamoto	11/11/2009	Hiroataka Hamamura	11/17/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Hitachi Kokusai Electric Inc.</td> </tr> <tr> <td>Street Address:</td> <td>14-1, Sotokanda 4-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>1018980</td> </tr> </table>		Name:	Hitachi Kokusai Electric Inc.	Street Address:	14-1, Sotokanda 4-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	1018980
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (415)576-0300</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4155760200</p> <p>Email: mhylton@townsend.com</p> <p>Correspondent Name: Roger Hylton</p> <p>Address Line 1: Two Embarcadero Center, 8th Floor</p> <p>Address Line 2: Townsend &amp; Townsend &amp; Crew</p> <p>Address Line 4: San Francisco, CALIFORNIA 94111-3834</p>											
ATTORNEY DOCKET NUMBER:	16869U-242400US										
NAME OF SUBMITTER:	Roger Hylton										
Total Attachments: 2											

CH \$40.00 12622816

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**PATENT**  
**REEL: 023831 FRAME: 0463**

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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 citizen of Japan by Hitachi Kokusai Electric Inc.  
a corporation organized under the laws of Japan,  
located at 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo 1018980, Japan  
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Kokusai Electric Inc.  
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

**NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE AND METHOD OF FABRICATING THE SAME**

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 grant

to be held and enjoyed by said Hitachi Kokusai Electric Inc.  
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 Kokusai Electric Inc.

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) Katsuhiko Yamamoto (Katsuhiko YAMAMOTO)

November 17, 2009

2) Tadashi Terasaki (Tadashi TERASAKI)

November 17, 2009

3) \_\_\_\_\_ (Yoshiki YONAMOTO)

\_\_\_\_\_

4) \_\_\_\_\_ (Hirotaka HAMAMURA)

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5) \_\_\_\_\_

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INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

1) \_\_\_\_\_ (Katsuhiko YAMAMOTO)

2) \_\_\_\_\_ (Tadashi TERASAKI)

3) Yoshiki YONAMOTO (Yoshiki YONAMOTO)

November. 11. 2009

4) Hiroataka Hamamura (Hiroataka HAMAMURA)

November. 17. 2009

5) \_\_\_\_\_

6) \_\_\_\_\_

7) \_\_\_\_\_

8) \_\_\_\_\_

9) \_\_\_\_\_

10) \_\_\_\_\_

PATENT