

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	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>Toshihiko AKIBA</td> <td>10/09/2009</td> </tr> <tr> <td>Minoru KIMURA</td> <td>10/09/2009</td> </tr> <tr> <td>Masao ODAGIRI</td> <td>10/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	Toshihiko AKIBA	10/09/2009	Minoru KIMURA	10/09/2009	Masao ODAGIRI	10/09/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Renesas Technology Corp.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>6-2, Otemachi 2-chome, Chiyoda-ku</td> </tr> <tr> <td><b>City:</b></td> <td>Tokyo</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> </table>		<b>Name:</b>	Renesas Technology Corp.	<b>Street Address:</b>	6-2, Otemachi 2-chome, Chiyoda-ku	<b>City:</b>	Tokyo	<b>State/Country:</b>	JAPAN
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<b>Street Address:</b>	6-2, Otemachi 2-chome, Chiyoda-ku								
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<b>PROPERTY NUMBERS Total: 1</b>									
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<b>Application Number:</b>	12690733								
<b>CORRESPONDENCE DATA</b>									
<p>Fax Number: (703)610-8686</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7036108652</p> <p>Email: dminter@milesstockbridge.com</p> <p>Correspondent Name: Mitchell W. Shapiro</p> <p>Address Line 1: 1751 Pinnacle Drive, Suite 500</p> <p>Address Line 4: McLean, VIRGINIA 22102-3833</p>									
<b>ATTORNEY DOCKET NUMBER:</b>	XA-11486/T3844-17542US01								
<b>NAME OF SUBMITTER:</b>	Mitchell W. Shapiro								
<p>Total Attachments: 1</p> <p>source=Assignment#page1.tif</p>									

CH \$40.00 12690733

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**PATENT**  
**REEL: 023823 FRAME: 0576**

# 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 Renesas Technology Corp., a corporation organized under the laws of Japan, located at 6-2, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Renesas Technology Corp., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF 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 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 Renesas Technology Corp., 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 Renesas Technology Corp.

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) Toshihiko Akiba Toshihiko AKIBA

9 / October / 2009

2) Minoru Kimura Minoru KIMURA

9 / October / 2009

3) Masao Odagiri Masao ODAGIRI

9 / October / 2009

4) \_\_\_\_\_

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

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

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