

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																						
NATURE OF CONVEYANCE:	ASSIGNMENT																						
<b>CONVEYING PARTY DATA</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 70%; padding: 5px;">Name</th> <th style="width: 30%; padding: 5px;">Execution Date</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">Hiroshi ISHIDA</td><td style="padding: 5px;">08/08/2008</td></tr> <tr><td style="padding: 5px;">Atsushi MAEDA</td><td style="padding: 5px;">08/26/2008</td></tr> <tr><td style="padding: 5px;">Minoru ABIKO</td><td style="padding: 5px;">08/21/2008</td></tr> <tr><td style="padding: 5px;">Takehiko KIJIMA</td><td style="padding: 5px;">08/21/2008</td></tr> <tr><td style="padding: 5px;">Takashi TAKEUCHI</td><td style="padding: 5px;">08/18/2008</td></tr> <tr><td style="padding: 5px;">Shoji YOSHIDA</td><td style="padding: 5px;">08/08/2008</td></tr> <tr><td style="padding: 5px;">Natsuo YAMAGUCHI</td><td style="padding: 5px;">08/21/2008</td></tr> <tr><td style="padding: 5px;">Yasuhiro KIMURA</td><td style="padding: 5px;">08/28/2008</td></tr> <tr><td style="padding: 5px;">Tetsuya UCHIDA</td><td style="padding: 5px;">08/28/2008</td></tr> <tr><td style="padding: 5px;">Norio ISHITSUKA</td><td style="padding: 5px;">08/25/2008</td></tr> </tbody> </table>		Name	Execution Date	Hiroshi ISHIDA	08/08/2008	Atsushi MAEDA	08/26/2008	Minoru ABIKO	08/21/2008	Takehiko KIJIMA	08/21/2008	Takashi TAKEUCHI	08/18/2008	Shoji YOSHIDA	08/08/2008	Natsuo YAMAGUCHI	08/21/2008	Yasuhiro KIMURA	08/28/2008	Tetsuya UCHIDA	08/28/2008	Norio ISHITSUKA	08/25/2008
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<b>PROPERTY NUMBERS Total: 1</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 30%; padding: 5px;">Property Type</th> <th style="padding: 5px;">Number</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Application Number:</td> <td style="padding: 5px;">12262180</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12262180																		
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<b>CORRESPONDENCE DATA</b> <p style="margin-top: 10px;">Fax Number: (703)610-8686  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7036108652          Email: dminter@milestockbridge.com</p> <p>Correspondent Name: Mitchell W. Shapiro          Address Line 1: 1751 Pinnacle Drive, Suite 500          Address Line 4: McLean, VIRGINIA 22102-3833</p>																							

CH \$40.00 12262180

**500696096**

**PATENT**  
**REEL: 021790 FRAME: 0952**

ATTORNEY DOCKET NUMBER:

XA-11183(T3844-15666US01)

NAME OF SUBMITTER:

Mitchell W. Shapiro

Total Attachments: 1

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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 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

## A SEMICONDUCTOR DEVICE AND A METHOD OF MANUFACTURING 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) <u>Hiroshi Ishida</u>	Hiroshi ISHIDA	<u>8 / August / 2008</u>
2) <u>Atsushi Maeda</u>	Atsushi MAEDA	<u>26 / August / 2008</u>
3) <u>Minoru Abiko</u>	Minoru ABIKO	<u>21 / August / 2008</u>
4) <u>Takehiko Kijima</u>	Takehiko KIJIMA	<u>21 / August / 2008</u>
5) <u>Takashi Takeuchi</u>	Takashi TAKEUCHI	<u>18 / August / 2008</u>
6) <u>Shoji Yoshida</u>	Shoji YOSHIDA	<u>8 / August / 2008</u>
7) <u>Natsuo Yamaguchi</u>	Natsuo YAMAGUCHI	<u>21 / August / 2008</u>
8) <u>Yasuhiro Kimura</u>	Yasuhiro KIMURA	<u>28 / August / 2008</u>
9) <u>Tetsuya Uchida</u>	Tetsuya UCHIDA	<u>28 / August / 2008</u>
10) <u>Norio Ishitsuka</u>	Norio ISHITSUKA	<u>25 / August / 2008</u>

PATENT

RECORDED: 11/05/2008

REEL: 021790 FRAME: 0954