

# PATENT ASSIGNMENT

Electronic Version v1.1

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tomohiro MURAKAMI</td> <td>07/04/2011</td> </tr> <tr> <td>Takahiko KATO</td> <td>06/08/2011</td> </tr> <tr> <td>Masato NAKAMURA</td> <td>06/14/2011</td> </tr> <tr> <td>Takeshi TERASAKI</td> <td>06/08/2011</td> </tr> </tbody> </table>		Name	Execution Date	Tomohiro MURAKAMI	07/04/2011	Takahiko KATO	06/08/2011	Masato NAKAMURA	06/14/2011	Takeshi TERASAKI	06/08/2011
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Renesas Electronics Corporation</td> </tr> <tr> <td><b>Street Address:</b></td> <td>1753, Shimonumabe, Nakahara-ku, Kawasaki-shi,</td> </tr> <tr> <td><b>City:</b></td> <td>Kanagawa</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> </table>		<b>Name:</b>	Renesas Electronics Corporation	<b>Street Address:</b>	1753, Shimonumabe, Nakahara-ku, Kawasaki-shi,	<b>City:</b>	Kanagawa	<b>State/Country:</b>	JAPAN		
<b>Name:</b>	Renesas Electronics Corporation										
<b>Street Address:</b>	1753, Shimonumabe, Nakahara-ku, Kawasaki-shi,										
<b>City:</b>	Kanagawa										
<b>State/Country:</b>	JAPAN										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13181856</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13181856						
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Application Number:	13181856										
<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (202)756-8087</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-756-8000</p> <p>Email: kadkins@mwe.com</p> <p>Correspondent Name: MCDERMOTT WILL &amp; EMERY LLP</p> <p>Address Line 1: 600 13TH STREET, N.W.</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-3096</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	067237-0694										
<b>NAME OF SUBMITTER:</b>	Stephen A. Becker										
<p>Total Attachments: 2</p> <p>source=0672370694assigntransmittal#page1.tif</p> <p>source=0672370694assign#page1.tif</p>											

CH \$40.00 13181856

501593323

**PATENT**  
REEL: 026584 FRAME: 0217

RECORDATION FORM COVER SHEET

**Docket No.: 067237-0694**

**PATENTS ONLY**

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of Conveying Party(ies)**

**Tomohiro MURAKAMI, Takahiko KATO, Masato  
NAKAMURA, Takeshi TERASAKI**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of Conveyance/Execution Date(s)**

Execution Date(s): **July 4, 2011; June 8, 2011; June 14, 2011  
and June 8, 2011 respectively**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Assignment                      | <input type="checkbox"/> Merger         |
| <input type="checkbox"/> Security Agreement                         | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Joint Research Agreement                   |   |
| <input type="checkbox"/> Government Interest Assignment             |   |
| <input type="checkbox"/> Executive Order 9424, Confirmatory License |   |

**2. Name and address of receiving party(ies)**

Name: **Renesas Electronics Corporation**

Internal Address:

Address: **1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan**

**4. Application or patent number(s):**

A. Patent Application No(s).

☒ This document is being filed together with a new application.

B. Patent No(s).

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: **MCDERMOTT WILL & EMERY LLP**

Internal Address:

Street Address: **600 13th Street, N.W.**

City: **Washington,** State: **DC** Zip: **20005-3096**  
D.C.

Phone Number: **202.756.8000**

Fax Number: **202.756.8087**

Email Address:

**6. Total number of applications and patents involved:**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information:**

- |    |                        |                 |       |
|----|------------------------|-----------------|-------|
| a. | Credit Card            | Last 4 Numbers  | _____ |
|    |                        | Expiration Date | _____ |
| b. | Deposit Account Number | 500417          |       |
|    | Authorized User Name   | _____           |       |

**9. Signature.**

**Stephen A. Becker 26,527**

**July 13, 2011**

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: **2**

**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 Electronics Corporation, a corporation organized under the laws of Japan, located at 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Renesas Electronics Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

**SEMICONDUCTOR DEVICE**

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 Electronics Corporation, 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 Electronics Corporation.

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) Tomohiro Murakami Tomohiro MURAKAMI

July 4, 2011

2) Takahiko Kato Takahiko KATO

June 8, 2011

3) Masato Nakamura Masato NAKAMURA

June 14, 2011

4) Takeshi Terasaki Takeshi TERASAKI

June 8, 2011

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

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

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

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

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

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